

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Limit check fiNo limit check

Weight basis "ORIGINAL"

Table sorted by Specie, Tissue, Locality (Predefined sequence), Catchment date, Sample type (Individual, Bulked, Homegenate)

NOTES:

- F The detection limit given here are approximations based on 3 times the standard deviation of the "blank" or near zero concentration of a solution. Day to day variations in the analytical instrument may lead to different detection limits.
- F Method codes are explained in: Green, N.W., 1993. Overview of Analytical Methods Employed by JMP in Norway 1981-92. NIVA project 80106
- F NB! The numeric values shown have been printed with a FIXED number of digit, and do not necessarily indicate analytical precision.
- F If a numeric value is suspect, the value is ignored in parameter statistics (unless all observations are suspect).
If a value can not be converted to basis for the table, the value is printed in the original basis but not included in any parameter statistics unless all values are in the original basis.
- F For "S" variables (e.g. CB_S7, CB_SS, DD_S4), all the "<"-values (less than the detection limit) are counted only once. If two or more different "<"-values are present, the maximum of the least questionable (suspect) "<"-value is used. Any missing "S"-elements are ignored.
- F If replicates are analyzed, the mean value of the replicates is counted in parameter statistics.
- F If value is prefixed with "<<", the number of "<" values is greater or equal to 25% of computed observations. Standard deviation is prefixed the character "~" if any "<" value is included.
- F Footnotes consist of 4 parts:
 - 1: a letter code (e.g ? or a/A)
The letter code may include one or more characters indicating possible mathing letters referenced before or after numbers.
When more letters are given, the syntax "A:D" means any of "A","B","C","D" while syntax "a/A" means any of "a" or "A" is referencing.
 - 2: a count (in paranthesis)
 - 3: a "!" or ">"
"!" refer to notes BEFORE numeric values. ">" refer to notes AFTER numeric values.
 - 4: The footnote explanation

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20021011** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 5 | 775 | 420 | 24,4 | 55,4 | 45,0 | 0.216 | 12.4 | 0.533 | 28.9 | 9.5 | 39 | 110 | 97 | 230 | 410 | 530 | 29 | 160 | 6.9 | 1489 | 1621 | | | | |
| 2/1 | M | 5 | 812 | 445 | 7,8 | 27,0 | 8,8 | 0.822 | 8.87 | 1.11 | 39.4 | 1.6 | 5.3 | 14 | 72 | 220 | 480 | 750 | 37 | 250 | 3.4 | 1721 | 1833 | | | | |
| 3/1 | F | 4 | 685 | 400 | 14,6 | 56,6 | 8,8 | 0.141 | 11.1 | 0.854 | 32.3 | 9.4 | 54 | 190 | 170 | 450 | 940 | 1200 | 56 | 310 | 8.4 | 3153 | 3388 | | | | |
| 4/1 | U | 3 | 530 | 380 | 11,8 | 61,4 | 55,0 | 0.0609 | 2.02 | 1.56 | 19.5 | 8.7 | 50 | 120 | 120 | 280 | 740 | 900 | 47 | 240 | 9.7 | 2339 | 2515 | | | | |
| 5/1 | M | 4 | 723 | 430 | 15,2 | 39,5 | 21,0 | 0.0542 | 3.97 | 0.505 | 19.8 | 4.1 | 29 | 120 | 86 | 230 | 470 | 620 | 33 | 200 | 2.7 | 1673 | 1795 | | | | |
| 6/1 | M | 2 | 345 | 330 | 3,8 | 40,2 | 23,0 | miss | miss | miss | miss | 4,9 | 28 | 99 | 120 | 290 | 610 | 800 | 39 | 210 | 5.2 | 2042 | 2206 | | | | |
| 7/1 | F | 3 | 424 | 350 | 4,2 | 35,6 | 17,0 | miss | miss | miss | miss | 3,7 | 17 | 86 | 91 | 240 | 510 | 720 | 36 | 220 | 3.4 | 1797 | 1927 | | | | |
| 8/1 | F | 7 | 2008 | 570 | 36,4 | 40,5 | 26,0 | 0.0953 | 9.83 | 0.237 | 24.1 | 7.5 | 29 | 140 | 160 | 440 | 990 | 1300 | 68 | 450 | 12 | 3357 | 3597 | | | | |
| 9/1 | F | 5 | 1044 | 470 | 22,8 | 52,5 | 38,0 | 0.0588 | 2.67 | 0.233 | 21.3 | 8.8 | 39 | 140 | 130 | 360 | 700 | 980 | 50 | 310 | 8.5 | 2538 | 2726 | | | | |
| 10/ | M | 4 | 669 | 400 | 26,6 | 68,2 | 60,0 | 0.0967 | 5.78 | 0.972 | 21.8 | 13 | 32 | 110 | 140 | 340 | 510 | 660 | 35 | 170 | 4.6 | 1835 | 2015 | | | | |
| 11/ | M | 4 | 736 | 430 | 17,6 | 59,6 | 55,0 | 0.162 | 10.8 | 0.195 | 26.7 | 12 | 65 | 220 | 170 | 460 | 800 | 1200 | 54 | 330 | 5.5 | 3087 | 3317 | | | | |
| 12/ | M | 4 | 598 | 400 | 24,0 | 68,8 | 61,0 | 0.176 | 5.66 | 0.149 | 23.1 | 12 | 41 | 110 | 110 | 270 | 480 | 630 | 32 | 190 | 4.4 | 1733 | 1879 | | | | |
| 13/ | F | 7 | 1592 | 580 | 15,8 | 29,3 | 14,0 | 0.149 | 27.2 | 0.353 | 48.9 | 2.8 | 11 | 78 | 100 | 950 | 870 | 1300 | 66 | 510 | 6.8 | 3722 | 3895 | | | | |
| 14/ | F | 3 | 586 | 380 | 8,6 | 54,9 | 41,0 | 0.0830 | 5.05 | 0.708 | 28.3 | 9.0 | 43 | 150 | 130 | 330 | 610 | 860 | 42 | 230 | 5.8 | 2232 | 2410 | | | | |
| 15/ | M | 5 | 1126 | 470 | 29,2 | 56,4 | 45,0 | 0.0892 | 10.1 | 0.717 | 30.3 | 11 | 23 | 65 | 100 | 300 | 600 | 890 | 42 | 280 | 10 | 2169 | 2321 | | | | |
| 16/ | M | 9 | 2969 | 660 | 48,8 | 44,1 | 27,0 | 0.0643 | 10.3 | 0.319 | 30.00 | 5.7 | 24 | 190 | 210 | 660 | 1900 | 3100 | 150 | 1300 | 32 | 7180 | 7572 | | | | |
| 17/ | M | 3 | 567 | 380 | 13,2 | 59,8 | 53,0 | 0.106 | 5.87 | 0.315 | 26.1 | 11 | 57 | 210 | 150 | 380 | 810 | 1000 | 52 | 300 | 6.1 | 2768 | 2976 | | | | |
| 18/ | M | 3 | 412 | 350 | 5,4 | 43,6 | 28,0 | 0.188 | 8.28 | 0.752 | 28.8 | 7.6 | 40 | 200 | 130 | 390 | 770 | 990 | 45 | 260 | 9.3 | 2658 | 2842 | | | | |
| 19/ | M | 3 | 587 | 405 | 6,6 | 35,8 | 20,0 | 0.0795 | 6.49 | 2.29 | 34.6 | 5.8 | 37 | 210 | 180 | 490 | 970 | 1300 | 62 | 330 | 9.1 | 3343 | 3594 | | | | |
| 20/ | F | 4 | 863 | 430 | 25,2 | 57,4 | 47,0 | 0.349 | 5.36 | 0.173 | 24.8 | 10 | 33 | 73 | 91 | 230 | 430 | 580 | 34 | 200 | 3.9 | 1556 | 1685 | | | | |
| 21/ | M | 4 | 747 | 410 | 25,4 | 70,0 | 62,0 | 0.135 | 4.74 | 0.565 | 19.0 | 12 | 53 | 160 | 150 | 380 | 660 | 950 | 49 | 270 | 9.2 | 2485 | 2693 | | | | |
| 22/ | M | 3 | 499 | 380 | 5,0 | 29,1 | 12,0 | 0.102 | 6.49 | 0.748 | 38.0 | 4.1 | 16 | 61 | 85 | 230 | 490 | 740 | 36 | 240 | 2.9 | 1781 | 1905 | | | | |
| 23/ | F | 4 | 515 | 365 | 9,6 | 47,6 | 34,0 | 0.267 | 7.59 | 0.513 | 30.1 | 7.8 | 33 | 130 | 120 | 310 | 530 | 740 | 38 | 220 | 4.1 | 1971 | 2133 | | | | |
| 24/ | M | 3 | 570 | 365 | 5,4 | 35,3 | 19,0 | 0.168 | 7.09 | 0.447 | 36.2 | 4.0 | 18 | 88 | 87 | 230 | 550 | 780 | 39 | 250 | 4.2 | 1920 | 2050 | | | | |
| 25/ | F | 5 | 1095 | 485 | 29,6 | 64,1 | 54,0 | 0.0461 | 8.09 | 0.0396 | 34.3 | 14 | 84 | 260 | 160 | 410 | 640 | 830 | 43 | 220 | 4.1 | 2458 | 2665 | | | | |
| Mean | | 4 | 859 | 427 | 17,5 | 49,3 | 35,0 | 0,16 | 8,08 | 0,62 | 29,0 | 8,0 | 36,0 | 133,4 | 126,4 | 364,0 | 698,8 | 974,0 | 48,6 | 306,0 | 7,3 | 2520 | 2702 | | | | |
| Minimum | | 2 | 345 | 330 | 3,8 | 27,0 | 8,8 | 0,05 | 2,02 | 0,04 | 19,0 | 1,6 | 5,3 | 14,0 | 72,0 | 220,0 | 410,0 | 530,0 | 29,0 | 160,0 | 2,7 | 1489 | 1621 | | | | |
| Maximum | | 9 | 2969 | 660 | 48,8 | 70,0 | 62,0 | 0,82 | 27,20 | 2,29 | 48,9 | 14,0 | 84,0 | 260,0 | 210,0 | 950,0 | 1900 | 3100 | 150,0 | 1300 | 32,0 | 7180 | 7572 | | | | |
| St.Dev | | 2 | 577 | 78 | 11,5 | 13,2 | 17,8 | 0,16 | 4,98 | 0,51 | 7,3 | 3,5 | 17,9 | 59,7 | 35,5 | 161,8 | 304,0 | 499,0 | 23,6 | 222,1 | 5,8 | 1154 | 1209 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 23 | 23 | 23 | 23 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|------|-------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 5 | 775 | 420 | 47 | 207.0 | 1.6 | 3.4 | 5.0 | 12 | 1.5 | 4.4 |
| 2/1 | M | 5 | 812 | 445 | 12 | 104.0 | <0.30 | 0.44 | <0.7 | 1.4 | 0.2 | 2.1 |
| 3/1 | F | 4 | 685 | 400 | 66 | 356.0 | <1.5 | 2.7 | <4.2 | 8.4 | 1.2 | 7.3 |
| 4/1 | U | 3 | 530 | 380 | 68 | 248.0 | 2.0 | 4.3 | 6.3 | 8.5 | 1.4 | 5.1 |
| 5/1 | M | 4 | 723 | 430 | 34 | 184.0 | 0.69 | 1.2 | 1.9 | 3.0 | miss | 3.1 |
| 6/1 | M | 2 | 345 | 330 | 32 | 192.0 | 0.77 | 1.4 | 2.2 | 4.0 | 0.48 | 2.8 |
| 7/1 | F | 3 | 424 | 350 | 29 | 159.0 | 0.57 | 0.97 | 1.5 | 3.1 | 0.33 | 3.3 |
| 8/1 | F | 7 | 2008 | 570 | 47 | 307.0 | 0.87 | 1.5 | 2.4 | 5.3 | 0.43 | 10 |
| 9/1 | F | 5 | 1044 | 470 | 110 | 340.0 | 1.3 | 2.0 | 3.3 | 6.7 | 0.64 | 5.7 |
| 10/ | M | 4 | 669 | 400 | 43 | 243.0 | 2.2 | 3.3 | 5.5 | 14 | 1.4 | 4.5 |
| 11/ | M | 4 | 736 | 430 | 63 | 303.0 | 1.9 | 4.0 | 5.9 | 13 | 1.3 | 7.3 |
| 12/ | M | 4 | 598 | 400 | 50 | 200.0 | 2.1 | 3.6 | 5.7 | 13 | 1.2 | 4.7 |
| 13/ | F | 7 | 1592 | 580 | 24 | 214.0 | <0.60 | 0.81 | <1.4 | 2.1 | <0.30 | 4.2 |
| 14/ | F | 3 | 586 | 380 | 46 | 216.0 | 1.6 | 2.7 | 4.3 | 9.2 | 1.1 | 4.8 |
| 15/ | M | 5 | 1126 | 470 | 58 | 228.0 | <2.0 | 2.7 | <4.7 | 9.6 | 1.1 | 3.9 |
| 16/ | M | 9 | 2969 | 660 | 42 | 492.0 | 0.96 | 1.5 | 2.5 | 5.5 | 0.52 | 15 |
| 17/ | M | 3 | 567 | 380 | 46 | 256.0 | 2.1 | 3.4 | 5.5 | 13 | 1.4 | 7.4 |
| 18/ | M | 3 | 412 | 350 | 54 | 274.0 | <2.0 | <2.0 | <2.0 | 6.2 | <1.0 | 6.6 |
| 19/ | M | 3 | 587 | 405 | 74 | 364.0 | 0.78 | 1.2 | 2.0 | 4.6 | 0.53 | 7.0 |
| 20/ | F | 4 | 863 | 430 | 24 | 144.0 | 1.8 | 2.9 | 4.7 | 9.7 | 1.3 | 3.6 |
| 21/ | M | 4 | 747 | 410 | 57 | 257.0 | 2.6 | 4.1 | 6.7 | 14 | 2.1 | 6.8 |
| 22/ | M | 3 | 499 | 380 | 21 | 115.0 | 0.44 | 0.76 | 1.2 | 2.9 | 0.25 | 2.7 |
| 23/ | F | 4 | 515 | 365 | 40 | 210.0 | <1.4 | 1.9 | <3.3 | 6.6 | <0.7 | 5.0 |
| 24/ | M | 3 | 570 | 365 | 24 | 144.0 | 0.69 | 1.1 | 1.8 | 3.8 | 0.46 | 3.7 |
| 25/ | F | 5 | 1095 | 485 | 87 | 367.0 | 2.0 | 3.2 | 5.2 | 13 | 1.5 | 9.2 |
| Mean | 4 | 859 | 427 | | 47,9 | 245,0 | <1.4 | <2.3 | <3.6 | 7,7 | <0.9 | 5,6 |
| Minimum | 2 | 345 | 330 | | 12,0 | 104,0 | <0.3 | 0,4 | <0.7 | 1,4 | 0,2 | 2,1 |
| Maximum | 9 | 2969 | 660 | | 110,0 | 492,0 | 2,6 | 4,3 | 6,7 | 14,0 | 2,1 | 15,0 |
| St.Dev | 2 | 577 | 78 | | 22,3 | 90,7 | ~0.7 | ~1.2 | ~1.8 | 4,1 | ~0.5 | 2,8 |
| Count | 25 | 25 | 25 | | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 |

miss(9) ! Missing value

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Comments

Station: Oslo City area

sample no.

- 1 Liver colour: white
- 2 Liver colour: red brown
- 3 Liver colour: white
- 4 Sex uncertain Liver colour: white (red)
- 5 Liver colour:white grey
- 6 Liver colour: white (red)
- 7 Liver colour: white (red)
- 8 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: grey
- 9 Liver colour: white (red)
- 10 Liver colour: white grey
- 11 Liver colour: white grey
- 12 Liver colour: white
- 13 Liver colour: grey
- 14 Liver colour: white grey
- 15 Liver colour: white
- 16 Liver colour: grey
- 17 Liver colour: white grey
- 18 Liver colour: yellow
- 19 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: grey
- 20 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: white grey
- 21 Liver colour: grey
- 22 Liver colour: red brown
- 23 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: grey
- 24 Liver colour: white red
- 25 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: grey white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20031015** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 3 | 970 | 470 | 18,4 | 49,0 | 35,0 | 0.0754 | 6.77 | 0.29 | 25.9 | 6.4 | 45 | 170 | 150 | 370 | 820 | 1100 | 57 | 340 | 5.6 | 2851 | 3064 | | | | |
| 2/1 | F | 4 | 724 | 430 | 12,6 | 33,2 | 16,0 | 0.145 | 5.08 | 0.53 | 25.1 | 3.0 | 18 | 64 | 110 | 270 | 580 | 800 | 44 | 260 | 4.7 | 1995 | 2154 | | | | |
| 3/1 | F | 2 | 614 | 465 | 9,4 | 30,2 | 11,0 | 0.191 | 9.83 | 0.96 | 36.8 | 2.2 | 14 | 42 | 63 | 170 | 380 | 480 | 26 | 140 | 3.4 | 1228 | 1321 | | | | |
| 4/1 | F | 3 | 665 | 400 | 15,2 | 59,9 | 49,0 | 0.0705 | 5.76 | 0.33 | 27.4 | 11 | 81 | 190 | 120 | 320 | 560 | 780 | 39 | 200 | 5.5 | 2142 | 2307 | | | | |
| 5/1 | F | 3 | 649 | 390 | 15,6 | 59,1 | 47,0 | 0.161 | 4.62 | 0.25 | 24.1 | 7.0 | 53 | 300 | 270 | 850 | s2200 | s3000 | 160 | 1100 | 19 | s7510 | s7959 | | | | |
| 6/1 | M | 4 | 767 | 420 | 31,2 | 65,5 | 54,0 | 0.0690 | 8.79 | 0.55 | 19.8 | 11 | 47 | 140 | 140 | 370 | 610 | 860 | 49 | 240 | 5.6 | 2278 | 2473 | | | | |
| 7/1 | F | 5 | 3748 | 690 | 150,4 | 73,5 | 64,0 | 0.0237 | 3.90 | 0.09 | 14.4 | 22 | 130 | 340 | 240 | 580 | s1000 | s1200 | 82 | 400 | 9.0 | s3672 | s4003 | | | | |
| 8/1 | F | 3 | 1274 | 495 | 16,2 | 40,1 | 21,0 | 0.107 | 15.6 | 0.27 | 31.2 | 4.5 | 29 | 66 | 50 | 130 | 240 | 360 | 17 | 100 | 2.4 | 930 | 999 | | | | |
| 9/1 | F | 4 | 763 | 430 | 11,2 | 36,3 | 18,0 | 0.281 | 6.39 | 0.26 | 35.8 | 5.7 | 39 | 120 | 110 | 300 | 600 | 800 | 39 | 220 | 7.5 | 2085 | 2241 | | | | |
| 10/ | F | 3 | 1135 | 500 | 12,2 | 34,1 | 15,0 | 0.126 | 12.6 | 0.41 | 42.4 | 4.3 | 26 | 120 | 140 | 410 | 850 | s1300 | 63 | 390 | 6.8 | s3100 | s3310 | | | | |
| 11/ | M | 3 | 1153 | 480 | 17,4 | 47,6 | 32,0 | 0.127 | 12.6 | 0.14 | 30.1 | 7.6 | 55 | 240 | 200 | 520 | s1100 | s1500 | 69 | 420 | 6.9 | s3843 | s4119 | | | | |
| 12/ | M | 3 | 1108 | 490 | 45,2 | 68,7 | 17,0 | 0.0291 | 4.99 | 0.06 | 14.6 | 2.6 | 14 | 44 | 35 | 87 | 170 | 230 | 12 | 71 | 2.0 | 619 | 668 | | | | |
| 13/ | F | 3 | 1324 | 520 | 35,8 | 69,9 | 58,0 | 0.114 | 4.14 | 0.07 | 15.4 | 14 | 69 | 190 | 120 | 300 | 520 | 710 | 40 | 210 | 4.2 | 2013 | 2177 | | | | |
| 14/ | M | 3 | 1223 | 480 | 27,0 | 57,4 | 41,0 | 0.0327 | 4.13 | 0.08 | 19.1 | 9.1 | 43 | 170 | 140 | 340 | 700 | 970 | 54 | 300 | 4.3 | 2532 | 2730 | | | | |
| 15/ | F | 3 | 972 | 460 | 17,0 | 41,8 | 26,0 | 0.119 | 3.93 | 0.24 | 27.9 | 5.7 | 34 | 140 | 130 | 330 | 720 | 960 | 51 | 290 | 4.6 | 2480 | 2665 | | | | |
| 16/ | M | 4 | 755 | 445 | 7,6 | 30,9 | 11,0 | 0.213 | 11.8 | 0.76 | 39.6 | 2.3 | 16 | 170 | 160 | 470 | s1000 | s1600 | 71 | 470 | 5.4 | s3728 | s3965 | | | | |
| 17/ | F | 3 | 705 | 415 | 17,2 | 61,7 | 51,0 | 0.123 | 4.25 | 0.09 | 16.8 | 16 | 69 | 190 | 150 | 350 | 680 | 840 | 47 | 250 | 3.9 | 2395 | 2596 | | | | |
| 18/ | F | 3 | 1046 | 450 | 18,4 | 43,3 | 28,0 | 0.0316 | 3.51 | 0.08 | 20.3 | 5.9 | 28 | 160 | 180 | 520 | 920 | s1300 | 65 | 330 | 5.7 | s3264 | s3515 | | | | |
| 19/ | M | 4 | 1222 | 475 | 39,2 | 63,2 | 51,0 | 0.0829 | 5.69 | 0.08 | 16.5 | 13 | 98 | 360 | 240 | 590 | 970 | s1300 | 73 | 340 | 5.9 | s3671 | s3990 | | | | |
| 20/ | F | 6 | 5503 | 820 | 110,0 | 56,4 | 44,0 | 0.0349 | 9.00 | 0.25 | 27.9 | 11 | 39 | 190 | 220 | 660 | s1500 | s2000 | 120 | 780 | 22 | s5180 | s5542 | | | | |
| 21/ | F | 3 | 781 | 430 | 12,6 | 48,3 | 35,0 | 0.200 | 5.51 | 0.11 | 24.3 | 8.5 | 55 | 220 | 160 | 390 | 780 | s1100 | 58 | 320 | 4.3 | s2874 | s3096 | | | | |
| 22/ | F | 2 | 691 | 395 | 9,8 | 37,6 | 21,0 | 0.156 | 4.38 | 0.04 | 30.1 | 5.4 | 49 | 190 | 130 | 320 | 500 | 680 | 35 | 170 | 2.5 | 1914 | 2082 | | | | |
| 23/ | F | 3 | 837 | 440 | 24,6 | 65,4 | 55,0 | 0.0280 | 3.41 | 0.07 | 18.2 | 12 | 46 | 160 | 150 | 340 | 620 | 820 | 46 | 220 | 2.8 | 2218 | 2417 | | | | |
| 24/ | F | 3 | 701 | 410 | 23,6 | 66,8 | 58,0 | 0.0336 | 3.33 | 0.04 | 15.1 | 22 | 89 | 240 | 160 | 370 | 590 | 790 | 44 | 200 | 3.1 | 2301 | 2508 | | | | |
| 25/ | M | 5 | 1025 | 460 | 12,2 | 36,8 | 22,0 | 0.305 | 10.5 | 1.42 | 44.0 | 5.8 | 21 | 130 | 160 | 460 | s1100 | s1700 | 85 | 570 | 14 | s3987 | s4246 | | | | |
| Mean | | 3 | 1214 | 474 | 28,4 | 51,1 | 35,2 | 0,12 | 6,82 | 0,30 | 25,7 | 8,7 | 48,3 | 173,8 | 149,1 | 392,7 | 621,6 | 745,3 | 57,8 | 333,2 | 6,4 | 1999 | 2160 | | | | |
| Minimum | | 2 | 614 | 390 | 7,6 | 30,2 | 11,0 | 0,02 | 3,33 | 0,04 | 14,4 | 2,2 | 14,0 | 42,0 | 35,0 | 87,0 | 170,0 | 230,0 | 12,0 | 71,0 | 2,0 | 619 | 668 | | | | |
| Maximum | | 6 | 5503 | 820 | 150,4 | 73,5 | 64,0 | 0,31 | 15,60 | 1,42 | 44,0 | 22,0 | 130,0 | 360,0 | 270,0 | 850,0 | 970,0 | 1100 | 160,0 | 1100 | 22,0 | 2851 | 3064 | | | | |
| St.Dev | | 1 | 1080 | 93 | 32,6 | 13,9 | 16,9 | 0,08 | 3,50 | 0,33 | 8,9 | 5,5 | 28,6 | 81,3 | 56,3 | 166,5 | 209,0 | 231,3 | 31,2 | 220,3 | 4,9 | 615 | 665 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 19 | 15 | 25 | 25 | 25 | 15 | 15 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 3 | 970 | 470 | 32 | 272.0 | <1 | <1 | <1.0 | 6.0 | miss | 4.7 |
| 2/1 | F | 4 | 724 | 430 | 20 | 240.0 | <1 | <1 | <1.0 | 2.4 | miss | 2.8 |
| 3/1 | F | 2 | 614 | 465 | 14 | 124.0 | <0.5 | <0.5 | <0.5 | 1.6 | miss | 1.6 |
| 4/1 | F | 3 | 665 | 400 | 47 | 237.0 | <2 | <2 | <2.0 | 8.7 | miss | 4.4 |
| 5/1 | F | 3 | 649 | 390 | 54 | 784.0 | <2 | <2 | <2.0 | 6.8 | miss | 11 |
| 6/1 | M | 4 | 767 | 420 | 39 | 209.0 | <2 | <2 | <2.0 | 11 | miss | 5.7 |
| 7/1 | F | 5 | 3748 | 690 | 99 | 669.0 | <3 | <3 | <3.0 | 13 | miss | 11 |
| 8/1 | F | 3 | 1274 | 495 | 16 | 89.0 | <1 | <1 | <1.0 | 3.0 | miss | 1.7 |
| 9/1 | F | 4 | 763 | 430 | 46 | 366.0 | <1 | <1 | <1.0 | 3.8 | miss | 3.5 |
| 10/ | F | 3 | 1135 | 500 | 24 | 264.0 | <0.5 | <0.5 | <0.5 | 2.7 | miss | 3.7 |
| 11/ | M | 3 | 1153 | 480 | 35 | 415.0 | <1 | <1 | <1.0 | 3.9 | miss | 5.2 |
| 12/ | M | 3 | 1108 | 490 | 28 | 87.0 | <1 | <1 | <1.0 | 2.3 | miss | 1.1 |
| 13/ | F | 3 | 1324 | 520 | 55 | 255.0 | <3 | <3 | <3.0 | 12 | miss | 5.6 |
| 14/ | M | 3 | 1223 | 480 | 35 | 205.0 | <2 | <2 | <2.0 | 6.8 | miss | 5.0 |
| 15/ | F | 3 | 972 | 460 | 29 | 289.0 | <1.5 | <1.5 | <1.5 | 4.7 | miss | 4.0 |
| 16/ | M | 4 | 755 | 445 | 22 | 292.0 | <0.5 | <0.5 | <0.5 | 1.9 | miss | 3.4 |
| 17/ | F | 3 | 705 | 415 | 58 | 248.0 | <2.5 | <2.5 | <2.5 | 12 | miss | 5.2 |
| 18/ | F | 3 | 1046 | 450 | 28 | 398.0 | <1 | <1 | <1.0 | 4.9 | miss | 3.9 |
| 19/ | M | 4 | 1222 | 475 | 90 | 550.0 | <2 | <2 | <2.0 | 11 | miss | 9.7 |
| 20/ | F | 6 | 5503 | 820 | 57 | 797.0 | <2 | <2 | <2.0 | 8.4 | miss | 17 |
| 21/ | F | 3 | 781 | 430 | 58 | 378.0 | <2 | <2 | <2.0 | 7.0 | miss | 5.3 |
| 22/ | F | 2 | 691 | 395 | 45 | 345.0 | <1 | <1 | <1.0 | 4.2 | miss | 4.1 |
| 23/ | F | 3 | 837 | 440 | 45 | 225.0 | <3 | <3 | <3.0 | 13 | miss | 4.5 |
| 24/ | F | 3 | 701 | 410 | 88 | 308.0 | <3 | <3 | <3.0 | 13 | miss | 5.8 |
| 25/ | M | 5 | 1025 | 460 | 34 | 374.0 | <1 | <1 | <1.0 | 5.1 | miss | 4.6 |
| Mean | | 3 | 1214 | 474 | | 43,9 | 336,8 | <<1.6 | <<1.6 | <<1.6 | 6,8 | 5,4 |
| Minimum | | 2 | 614 | 390 | | 14,0 | 87,0 | <0.5 | <0.5 | <0.5 | 1,6 | 1,1 |
| Maximum | | 6 | 5503 | 820 | | 99,0 | 797,0 | <3.0 | <3.0 | <3.0 | 13,0 | 17,0 |
| St.Dev | | 1 | 1080 | 93 | | 22,5 | 187,7 | ~0.8 | ~0.8 | ~0.8 | 3,9 | 3,5 |
| Count | | 25 | 25 | 25 | | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(25) ! Missing value s/q(36) ! Suspect value

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Comments

Station: Oslo City area

sample no.

1 Age uncertain Liver colour: yellow
2 Age uncertain Liver colour: yellow
3 Liver colour: yellow
4 Liver colour: yellow
5 Liver colour: yellow
6 Age uncertain Liver colour: yellow
7 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
Liver colour: yellow
8 Liver colour: yellow
9 Liver colour: yellow
10 Liver colour: yellow
11 Liver colour: yellow
12 Liver colour: yellow
13 Liver colour: yellow
14 Liver colour: yellow
15 Liver colour: yellow
16 Age uncertain Liver colour: yellow
17 Liver colour: yellow
18 Liver colour: yellow
19 Age uncertain Liver colour: yellow
20 Age uncertain Liver colour: yellow
21 Fish was dead Liver colour: yellow
22 Fish was dead Liver colour: yellow
23 Fish was dead Liver colour: yellow
24 Fish was dead Liver colour: yellow
25 Fish was dead Age uncertain
Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20041101** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 880 | 440 | 16,5 | 49,0 | 33,0 | 0.105 | 2.66 | 0.41 | 23.0 | 4.8 | 13 | 63 | 110 | 310 | 630 | 890 | 38 | 220 | 4.3 | 2131 | 2283 | |
| 2/1 | M | 3 | 484 | 370 | 10,6 | 49,2 | 33,0 | 0.115 | 4.30 | 0.18 | 20.9 | 6.5 | 27 | 85 | 100 | 280 | 570 | 770 | 34 | 190 | 6.1 | 1929 | 2069 | |
| 3/1 | F | 5 | 1148 | 480 | 45,9 | 58,4 | 51,0 | 0.188 | 3.74 | 0.07 | 19.3 | 6.3 | 43 | 190 | 160 | 400 | 790 | 1000 | 45 | 270 | 5.7 | 2699 | 2910 | |
| 4/1 | M | 3 | 1084 | 485 | 34,4 | 63,7 | 56,0 | 0.0716 | 7.73 | 0.34 | 23.8 | 7.5 | 45 | 190 | 130 | 360 | 700 | 950 | 38 | 220 | 7.5 | 2473 | 2648 | |
| 5/1 | M | 4 | 1049 | 500 | 30,5 | 60,0 | 50,0 | 0.587 | 4.91 | 0.17 | 23.1 | 7.2 | 41 | 120 | 110 | 300 | 570 | 790 | 36 | 210 | 6.1 | 2038 | 2190 | |
| 6/1 | M | 3 | 719 | 410 | 15,1 | 54,2 | 40,0 | 0.278 | 7.47 | 0.40 | 24.8 | 4.7 | 30 | 110 | 120 | 360 | 770 | 1100 | 42 | 260 | 5.1 | 2635 | 2802 | |
| 7/1 | M | 3 | 759 | 430 | 22,5 | 65,3 | 57,0 | 0.163 | 4.90 | 0.10 | 17.7 | 12 | 47 | 95 | 110 | 280 | 490 | 630 | 30 | 160 | 3.3 | 1714 | 1857 | |
| 8/1 | M | 2 | 767 | 433 | 11,3 | 48,8 | 33,0 | 0.0284 | 7.02 | <0.02 | 25.1 | 10 | 82 | 420 | 240 | 650 | 1000 | 1300 | 72 | 350 | 3.7 | 3812 | 4128 | |
| 9/1 | M | 5 | 1013 | 485 | 35,3 | 64,3 | 56,0 | 0.166 | 8.77 | 0.08 | 21.5 | 19 | 75 | 280 | 270 | 800 | 1000 | 1400 | 68 | 290 | 5.3 | 3864 | 4207 | |
| 10/ | F | 3 | 1049 | 285 | 18,5 | 54,0 | 35,0 | 0.0753 | 5.69 | 0.04 | 24.3 | 7.1 | 57 | 330 | 230 | 640 | 1100 | 1400 | 72 | 350 | 5.1 | 3884 | 4191 | |
| 11/ | M | 4 | 1084 | 485 | 64,0 | 56,7 | 55,0 | 0.0387 | 4.71 | 0.26 | 14.4 | 8.9 | 47 | 230 | 160 | 430 | 830 | 1100 | 39 | 200 | 5.4 | 2846 | 3050 | |
| 12/ | M | 3 | 582 | 385 | 25,8 | 64,6 | 60,0 | 0.109 | 3.99 | 0.29 | 15.4 | 24 | 47 | 200 | 290 | 980 | 1600 | 2200 | 88 | 460 | 16 | 5511 | 5905 | |
| 13/ | F | 3 | 772 | 434 | 18,5 | 56,1 | 45,0 | 0.015 | 5.26 | <0.02 | 18.0 | 8.0 | 55 | 280 | 160 | 450 | 680 | 930 | 40 | 210 | 3.3 | 2613 | 2816 | |
| 14/ | F | 3 | 608 | 405 | 15,1 | 53,3 | 42,0 | 0.192 | 2.64 | 0.18 | 19.5 | 9.3 | 23 | 97 | 88 | 220 | 450 | 600 | 29 | 150 | 5.1 | 1549 | 1671 | |
| 15/ | F | 6 | 3464 | 700 | 101,2 | 66,4 | 54,0 | 0.100 | 2.97 | <0.02 | 16.9 | 14 | 53 | 200 | 150 | 430 | 890 | 1300 | 62 | 450 | 9.3 | 3337 | 3558 | |
| 16/ | F | 4 | 1501 | 510 | 62,3 | 67,2 | 51,0 | 0.0603 | 4.36 | 0.06 | 18.4 | 13 | 40 | 150 | 100 | 250 | 510 | 710 | 32 | 210 | 2.9 | 1883 | 2018 | |
| 17/ | M | 3 | 1111 | 475 | 42,3 | 67,8 | 64,0 | 0.014 | 3.80 | <0.02 | 14.7 | 7.9 | 39 | 220 | 140 | 300 | 490 | 600 | 34 | 170 | 2.8 | 1827 | 2004 | |
| 18/ | F | 6 | 1539 | 545 | 20,4 | 39,1 | 22,0 | 0.498 | 19.6 | 1.47 | 39.2 | 9.6 | 24 | 93 | 130 | 390 | 790 | 1000 | 51 | 310 | 8.0 | 2617 | 2806 | |
| 19/ | M | 4 | 745 | 440 | 10,8 | 54,4 | 41,0 | 0.0317 | 2.73 | 0.03 | 20.6 | 17 | 100 | 650 | 380 | 990 | 1500 | 1900 | 85 | 400 | 6.6 | 5557 | 6029 | |
| 20/ | F | 5 | 908 | 450 | 22,0 | 58,5 | 45,0 | 0.0754 | 4.39 | 0.44 | 22.9 | 11 | 30 | 160 | 190 | 540 | 1000 | 1400 | 56 | 340 | 8.5 | 3481 | 3736 | |
| 21/ | M | 6 | 1225 | 505 | 31,5 | 64,2 | 51,0 | 0.0421 | 6.11 | 0.22 | 21.0 | 12 | 58 | 320 | 210 | 580 | 1000 | 1400 | 64 | 330 | 11 | 3700 | 3985 | |
| 22/ | M | 4 | 761 | 445 | 7,6 | 40,4 | 23,0 | 0.0742 | 6.98 | 0.17 | 31.7 | 5.3 | 24 | 150 | 110 | 310 | 480 | 670 | 30 | 150 | 2.3 | 1789 | 1932 | |
| 23/ | M | 4 | 889 | 450 | 24,4 | 68,1 | 44,0 | 0.0466 | 5.74 | 0.04 | 19.9 | 8.7 | 43 | 250 | 160 | 460 | 1000 | 1300 | 58 | 340 | 9.0 | 3402 | 3629 | |
| 24/ | M | 4 | 656 | 420 | 27,7 | 73,1 | 63,0 | 0.110 | 6.66 | 0.60 | 17.9 | 17 | 20 | 71 | 160 | 420 | 600 | 770 | 32 | 120 | 4.1 | 2018 | 2214 | |
| 25/ | F | 4 | 687 | 415 | 10,5 | 46,2 | 29,0 | 0.116 | 3.64 | 0.27 | 24.5 | 6.0 | 24 | 120 | 110 | 310 | 640 | 880 | 39 | 240 | 3.5 | 2220 | 2373 | |
| Mean | | 4 | 1019 | 455 | 29,0 | 57,7 | 45,3 | 0,13 | 5,63 | <0.24 | 21,5 | 10,3 | 43,5 | 203,0 | 164,7 | 457,6 | 803,2 | 1080 | 48,6 | 264,0 | 6,0 | 2861 | 3080 | |
| Minimum | | 2 | 484 | 285 | 7,6 | 39,1 | 22,0 | 0,01 | 2,64 | <0.02 | 14,4 | 4,7 | 13,0 | 63,0 | 88,0 | 220,0 | 450,0 | 600,0 | 29,0 | 120,0 | 2,3 | 1549 | 1671 | |
| Maximum | | 6 | 3464 | 700 | 101,2 | 73,1 | 64,0 | 0,59 | 19,60 | 1,47 | 39,2 | 24,0 | 100,0 | 650,0 | 380,0 | 990,0 | 1600 | 2200 | 88,0 | 460,0 | 16,0 | 5557 | 6029 | |
| St.Dev | | 1 | 574 | 74 | 21,2 | 8,9 | 12,0 | 0,14 | 3,36 | ~0.30 | 5,4 | 4,8 | 20,5 | 130,4 | 70,8 | 211,5 | 299,7 | 400,8 | 17,9 | 94,5 | 3,1 | 1092 | 1178 | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | 2 |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 880 | 440 | 14 | 124.0 | <2 | <2 | <2.0 | 4.9 | <1 | 1.9 |
| 2/1 | M | 3 | 484 | 370 | 48 | 198.0 | <2 | <2 | <2.0 | 4.5 | <1 | 3.3 |
| 3/1 | F | 5 | 1148 | 480 | 27 | 247.0 | <2 | <2 | <2.0 | 8.7 | <1 | 4.8 |
| 4/1 | M | 3 | 1084 | 485 | 24 | 184.0 | <2 | <2 | <2.0 | 8.9 | <1 | 4.8 |
| 5/1 | M | 4 | 1049 | 500 | 27 | 187.0 | <2 | <2 | <2.0 | 9.7 | <1 | 3.8 |
| 6/1 | M | 3 | 719 | 410 | 20 | 200.0 | <2 | <2 | <2.0 | 6.4 | <1 | 3.1 |
| 7/1 | M | 3 | 759 | 430 | 35 | 175.0 | <2 | <2 | <2.0 | 12 | <1 | 3.9 |
| 8/1 | M | 2 | 767 | 433 | 69 | 429.0 | <2 | <2 | <2.0 | 6.7 | <1 | 6.8 |
| 9/1 | M | 5 | 1013 | 485 | 55 | 395.0 | <2 | <2 | <2.0 | 11 | <1 | 6.1 |
| 10/ | F | 3 | 1049 | 285 | 56 | 456.0 | <2 | <2 | <2.0 | 6.1 | <1 | 6.9 |
| 11/ | M | 4 | 1084 | 485 | 32 | 242.0 | <2 | <2 | <2.0 | 11 | <1 | 4.4 |
| 12/ | M | 3 | 582 | 385 | 91 | 491.0 | 2.1 | 2.8 | 4.9 | 23 | <1 | 8.7 |
| 13/ | F | 3 | 772 | 434 | 30 | 240.0 | <2 | <2 | <2.0 | 7.5 | <1 | 6.0 |
| 14/ | F | 3 | 608 | 405 | 37 | 147.0 | <2 | <2 | <2.0 | 6.5 | <1 | 3.6 |
| 15/ | F | 6 | 3464 | 700 | 53 | 333.0 | <2 | <2 | <2.0 | 13 | <1 | 6.1 |
| 16/ | F | 4 | 1501 | 510 | 28 | 126.0 | <2 | <2 | <2.0 | 14 | 1.4 | 3.3 |
| 17/ | M | 3 | 1111 | 475 | 31 | 171.0 | <2 | <2 | <2.0 | 7.6 | <1 | 13 |
| 18/ | F | 6 | 1539 | 545 | 47 | 277.0 | <2 | <2 | <2.0 | 7.6 | <1 | 3.5 |
| 19/ | M | 4 | 745 | 440 | 120 | 710.0 | <2 | <2 | <2.0 | 11 | <1 | 16 |
| 20/ | F | 5 | 908 | 450 | 36 | 256.0 | <2 | <2 | <2.0 | 12 | <1 | 4.1 |
| 21/ | M | 6 | 1225 | 505 | 100 | 450.0 | <2 | <2 | <2.0 | 9.9 | 1.8 | 6.9 |
| 22/ | M | 4 | 761 | 445 | 30 | 200.0 | <2 | <2 | <2.0 | 4.8 | <1 | 2.5 |
| 23/ | M | 4 | 889 | 450 | 63 | 303.0 | <2 | <2 | <2.0 | 9.2 | <1 | 5.1 |
| 24/ | M | 4 | 656 | 420 | 30 | 220.0 | <2 | <2 | <2.0 | 14 | <1 | 2.4 |
| 25/ | F | 4 | 687 | 415 | 24 | 164.0 | <2 | <2 | <2.0 | 5.4 | <1 | 2.9 |
| Mean | | 4 | 1019 | 455 | 45,1 | 277,0 | <<2.0 | <<2.0 | <<2.1 | 9,4 | <<1.0 | 5,4 |
| Minimum | | 2 | 484 | 285 | 14,0 | 124,0 | <2.0 | <2.0 | <2.0 | 4,5 | <1.0 | 1,9 |
| Maximum | | 6 | 3464 | 700 | 120,0 | 710,0 | 2,1 | 2,8 | 4,9 | 23,0 | 1,8 | 16,0 |
| St.Dev | | 1 | 574 | 74 | 26,3 | 140,8 | ~0.0 | ~0.2 | ~0.6 | 4,0 | ~0.2 | 3,3 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

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Comments

Station: Oslo City area NIVA fish no 15,16,17,18,19,20,21,22,23 is from STEILENE

sample no.

- 1 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 3 Liver colour: yellow/red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow/ red
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
a bit bile on the liver
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
Liver colour: yellow
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 13 Liver colour: yellow
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 15 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour:yellow
- 16 Liver colour: yellow/white
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow/white
- 18 Liver colour: yellow brown
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 20 Liver colour: yellow
- 21 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow
- 22 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow green
- 23 Age uncertain Liver colour: yellow
- 24 Age uncertain Liver colour: yellow white
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20051005** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 3 | | | | | | | | | | | | | | | | | 3 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 5 | 3933 | 775 | 158,0 | 64,0 | 58,0 | 0.0229 | 2.31 | 0.0250 | 22.5 | 21 | 77 | 350 | 310 | 820 | 1500 | 2400 | 110 | 580 | 15 | 5748 | 6183 | |
| 2/1 | M | 5 | 913 | 470 | 13,5 | 46,0 | 31,0 | 0.142 | 12.6 | 0.379 | 35.3 | 7.2 | 40 | 230 | 220 | 530 | 1000 | 1800 | 77 | 400 | 6.3 | 4007 | 4311 | |
| 3/1 | F | 4 | 3259 | 710 | 183,0 | 78,0 | 75,0 | 0.0251 | 6.13 | 0.0082 | 13.7 | 37 | 260 | 790 | 450 | 930 | 1400 | 1800 | 120 | 380 | 7.2 | 5597 | 6174 | |
| 4/1 | F | 4 | 1567 | 550 | 23,2 | 41,0 | 28,0 | 0.0734 | 7.81 | 0.120 | 30.9 | 7.2 | 37 | 240 | 290 | 720 | 1400 | 2200 | 100 | 540 | 10 | 5144 | 5544 | |
| 5/1 | F | 4 | 1287 | 490 | 18,2 | 39,0 | 25,0 | 0.0577 | 7.51 | 0.116 | 28.4 | 4.3 | 31 | 170 | 160 | 450 | 850 | 1600 | 64 | 360 | 7.0 | 3465 | 3696 | |
| 6/1 | F | 4 | 1375 | 520 | 39,4 | 66,0 | 59,0 | 0.0234 | 7.12 | 0.014 | 18.6 | 13 | 110 | 420 | 230 | 520 | 830 | 1200 | 61 | 280 | 3.6 | 3373 | 3668 | |
| 7/1 | F | 5 | 2263 | 640 | 27,2 | 31,0 | 16,0 | 0.0464 | 9.17 | 0.0261 | 31.2 | 3.2 | 18 | 150 | 160 | 450 | 900 | 1600 | 68 | 360 | 9.0 | 3481 | 3718 | |
| 8/1 | M | 4 | 1557 | 515 | 34,6 | 67,0 | 62,0 | 0.0262 | 2.16 | 0.0306 | 15.4 | 18 | 140 | 680 | 450 | 950 | 1500 | 2200 | 150 | 590 | 5.0 | 6078 | 6683 | |
| 9/1 | M | 5 | 2606 | 680 | 32,6 | 34,0 | 21,0 | 0.0985 | 19.5 | 0.0723 | 39.6 | 5.3 | 35 | 310 | 240 | 650 | 1600 | 3200 | 110 | 660 | 13 | 6460 | 6823 | |
| 10/ | M | 3 | 397 | 350 | 6,3 | 40,0 | 20,0 | 0.0379 | 8.05 | 0.0328 | 22.6 | 3.0 | 25 | 230 | 180 | 410 | 690 | 1200 | 50 | 260 | <2.0 | 2818 | <3050 | |
| 11/ | M | 4 | 2962 | 700 | 126,6 | 73,0 | 70,0 | 0.0615 | 3.61 | 0.0204 | 15.7 | 58 | 430 | 1000 | 570 | 1300 | 2000 | 2700 | 160 | 580 | 9.2 | 8068 | 8807 | |
| 12/ | M | 5 | 715 | 435 | 15,4 | 51,0 | 39,0 | 0.285 | 4.57 | 0.856 | 24.5 | 14 | 66 | 310 | 300 | 750 | 1200 | 1900 | 100 | 410 | 4.5 | 4650 | 5055 | |
| 13/ | F | 4 | 566 | 400 | 9,0 | 52,0 | 39,0 | 0.111 | 5.35 | 0.225 | 27.0 | 7.7 | 59 | 350 | 260 | 570 | 1100 | 1700 | 77 | 370 | 3.2 | 4157 | 4497 | |
| 14/ | F | 3 | 1048 | 480 | 12,8 | 35,0 | 20,0 | 0.0578 | 9.46 | 0.138 | 30.1 | 4.7 | 24 | 140 | 120 | 280 | 610 | 940 | 40 | 220 | 2.8 | 2219 | 2382 | |
| 15/ | F | 3 | 944 | 470 | 20,8 | 61,0 | 55,0 | 0.0294 | 2.96 | 0.208 | 19.5 | 13 | 74 | 380 | 280 | 620 | 1200 | 1700 | 80 | 380 | 4.6 | 4367 | 4732 | |
| 16/ | F | 4 | 862 | 440 | 23,2 | 54,0 | 44,0 | 0.128 | 5.07 | 0.575 | 24.7 | 3.2 | 21 | 140 | 190 | 420 | 900 | 1300 | 68 | 380 | 6.5 | 3164 | 3429 | |
| 17/ | F | 4 | 632 | 415 | 5,6 | 23,0 | 4,2 | 0.478 | 6.55 | 0.230 | 39.4 | 0.58 | 1.8 | 16 | 24 | 51 | 110 | 190 | 8.6 | 52 | <2.0 | 421 | <456 | |
| 18/ | F | 3 | 721 | 440 | 12,4 | 54,0 | 42,0 | 0.209 | 9.91 | 0.356 | 26.1 | 15 | 72 | 360 | 260 | 620 | 1100 | 1600 | 72 | 330 | 8.2 | 4097 | 4437 | |
| 19/ | F | 4 | 836 | 420 | 35,7 | 48,0 | 35,0 | 0.0531 | 6.46 | 0.0387 | 19.1 | 4.3 | 25 | 150 | 110 | 260 | 520 | 800 | 34 | 190 | <2.0 | 1949 | <2095 | |
| 20/ | M | 3 | 686 | 425 | 9,6 | 47,0 | 31,0 | 0.0905 | 8.96 | 0.0534 | 34.1 | 7.7 | 45 | 290 | 290 | 670 | 1100 | 1700 | 73 | 350 | 5.6 | 4163 | 4531 | |
| 21/ | M | 4 | 712 | 425 | 17,6 | 45,0 | 35,0 | 0.130 | 7.84 | 0.193 | 23.9 | 4.6 | 23 | 210 | 270 | 620 | 1300 | 1900 | 84 | 420 | <2.0 | 4478 | <4834 | |
| 22/ | M | 4 | 858 | 435 | 10,0 | 26,0 | 9,5 | 0.247 | 12.0 | 0.175 | 37.8 | <2.0 | 6.9 | 52 | 86 | 230 | 460 | 790 | 37 | 200 | 2.3 | <1741 | <1866 | |
| 23/ | F | 3 | 631 | 380 | 9,8 | 41,0 | 46,0 | 0.110 | 6.04 | 0.385 | 33.1 | 8.2 | 32 | 230 | 240 | 530 | 1100 | 1800 | 81 | 470 | 6.8 | 4170 | 4498 | |
| 24/ | M | 4 | 1891 | 565 | 53,0 | 45,0 | 31,0 | 0.0651 | 4.72 | 0.253 | 17.9 | 9.0 | 44 | 200 | 150 | 480 | 1300 | 1800 | 82 | 500 | 18 | 4333 | 4583 | |
| 25/ | F | 4 | 654 | 410 | 15,1 | 48,0 | 36,0 | 0.210 | 14.1 | 0.301 | 25.7 | 8.8 | 26 | 94 | 95 | 270 | 480 | 740 | 36 | 190 | 3.2 | 1809 | 1943 | |
| Mean | | 4 | 1355 | 502 | 36,5 | 48,4 | 37,3 | 0,11 | 7,60 | 0,19 | 26,3 | <11.2 | 68,9 | 299,7 | 237,4 | 564,0 | 1046 | 1630 | 77,7 | 378,1 | <6.4 | <3998 | <4320 | |
| Minimum | | 3 | 397 | 350 | 5,6 | 23,0 | 4,2 | 0,02 | 2,16 | 0,01 | 13,7 | 0,6 | 1,8 | 16,0 | 24,0 | 51,0 | 110,0 | 190,0 | 8,6 | 52,0 | <2.0 | 421 | <456 | |
| Maximum | | 5 | 3933 | 775 | 183,0 | 78,0 | 75,0 | 0,48 | 19,50 | 0,86 | 39,6 | 58,0 | 430,0 | 1000 | 570,0 | 1300 | 2000 | 3200 | 160,0 | 660,0 | 18,0 | 8068 | 8807 | |
| St.Dev | | 1 | 948 | 115 | 47,2 | 14,1 | 18,3 | 0,11 | 3,94 | 0,20 | 7,6 | ~12.4 | 92,2 | 227,1 | 123,1 | 265,6 | 424,8 | 656,6 | 35,3 | 147,2 | ~4.2 | ~1683 | ~1831 | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|--------|-------|-------|--------|--------|--------|-------|--------|--------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | | | | | | | | | |
| Sam. no. | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | BDE28 | BDE47 | BDE49 | BDE66 | BDE71 | BDE77 | BDE85 | BDE99 | BDE119 | BDE138 |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 5 | 3933 | 775 | miss | 64 | 574.0 | <2.0 | <2.0 | <2.0 | 7.8 | <1 | 8.3 | 1.1 | 51 | 3.2 | 0.71 | <0.06 | <0.05 | s0.11 | 0.35 | 0.09 | <0.09 |
| 2/1 | M | 5 | 913 | 470 | miss | 28 | 228.0 | <2.0 | <2.0 | <2.0 | 6.3 | 3.6 | 6.0 | 0.96 | 50 | 1.9 | 0.67 | <0.06 | <0.06 | s0.06 | 0.56 | 0.1 | <0.1 |
| 3/1 | F | 4 | 3259 | 710 | miss | 220 | 1060 | 2.1 | 2.5 | 4.6 | 18 | 1.4 | 22 | 3.6 | 170 | 55 | 4.0 | <0.15 | 0.45 | s0.15 | 10 | 0.37 | <0.3 |
| 4/1 | F | 4 | 1567 | 550 | miss | 41 | 431.0 | <2.0 | <2.0 | <2.0 | 4.7 | 3.2 | 6.8 | 0.51 | 38 | 0.70 | 0.07 | <0.05 | <0.05 | <0.05 | 0.06 | 0.09 | <0.08 |
| 5/1 | F | 4 | 1287 | 490 | miss | 26 | 226.0 | <2.0 | <2.0 | <2.0 | 3.9 | 2.4 | 4.5 | 0.29 | 27 | 0.68 | 0.35 | <0.03 | <0.04 | <0.05 | 0.27 | 0.08 | <0.07 |
| 6/1 | F | 4 | 1375 | 520 | miss | 75 | 355.0 | <2.0 | <2.0 | <2.0 | 10 | 7.1 | 9.4 | 1.5 | 86 | 17 | 1.5 | <0.08 | 0.18 | <0.05 | 6.8 | 0.17 | <0.1 |
| 7/1 | F | 5 | 2263 | 640 | miss | 26 | 286.0 | <2.0 | <2.0 | <2.0 | 2.1 | 1.5 | 3.4 | 0.72 | 32 | 9.0 | 0.57 | <0.03 | 0.08 | <0.03 | 3.5 | 0.07 | <0.05 |
| 8/1 | M | 4 | 1557 | 515 | miss | 140 | 660.0 | <2.0 | <2.0 | <2.0 | 13 | 6.3 | 17 | 2.4 | 110 | 1.5 | 0.43 | <0.13 | <0.15 | <0.25 | 0.47 | 0.30 | <0.4 |
| 9/1 | M | 5 | 2606 | 680 | s29 | 34 | s323.0 | <2.0 | <2.0 | <2.0 | 3.7 | 3.4 | 8.6 | 0.40 | 47 | 1.1 | 0.11 | <0.05 | <0.06 | <0.1 | 0.14 | 0.14 | <0.1 |
| 10/ | M | 3 | 397 | 350 | s42 | 23 | s215.0 | <2.0 | <2.0 | <2.0 | 3.1 | 3.7 | <2 | 0.70 | 57 | 1.2 | 0.73 | <0.03 | <0.03 | <0.04 | 0.46 | 0.14 | <0.05 |
| 11/ | M | 4 | 2962 | 700 | s120 | 300 | s1420 | <3.0 | <3.0 | <3.0 | s14 | <1 | 39 | 5.8 | 180 | 29 | 3.9 | <0.1 | 0.54 | <0.1 | 2.9 | 0.38 | <0.15 |
| 12/ | M | 5 | 715 | 435 | s44 | 97 | s451.0 | <2.0 | <2.0 | <2.0 | 7.2 | 1.4 | 9.5 | 1.4 | 93 | 17 | 1.5 | <0.1 | 0.17 | <0.1 | 10 | 0.15 | <0.15 |
| 13/ | F | 4 | 566 | 400 | miss | 53 | 293.0 | <2.0 | <2.0 | <2.0 | 7.5 | 7.3 | 6.6 | 0.94 | 75 | 5.8 | 1.2 | <0.04 | 0.11 | <0.08 | 4.3 | 0.14 | <0.10 |
| 14/ | F | 3 | 1048 | 480 | s43 | 34 | s277.0 | <2.0 | <2.0 | <2.0 | 4.9 | 3.7 | 4.0 | 0.77 | 35 | 1.5 | 0.57 | <0.03 | <0.05 | <0.05 | 0.26 | 0.07 | <0.08 |
| 15/ | F | 3 | 944 | 470 | s140 | 89 | s539.0 | <2.0 | <2.0 | <2.0 | 12 | 12 | 9.0 | 1.0 | 82 | 14 | 1.7 | <0.08 | 0.16 | <0.1 | 7.9 | 0.18 | <0.15 |
| 16/ | F | 4 | 862 | 440 | s37 | 33 | s290.0 | 2.7 | <2.0 | <4.7 | 5.9 | 10 | 4.7 | 0.61 | 56 | 2.5 | 0.53 | <0.04 | <0.05 | <0.08 | 0.88 | 0.1 | <0.1 |
| 17/ | F | 4 | 632 | 415 | s2.3 | <3.0 | s<25.3 | miss | miss | | 0.44 | miss | <0.4 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 18/ | F | 3 | 721 | 440 | s99 | 130 | s609.0 | <2 | <2.0 | <2.0 | 7.6 | miss | <2.0 | 1.7 | 80 | 4.5 | 0.98 | <0.04 | <0.09 | <0.06 | 0.50 | 0.13 | <0.1 |
| 19/ | F | 4 | 836 | 420 | s49 | 13 | s136.0 | <2.0 | <2.0 | <2.0 | 4.2 | 6.4 | <2.0 | 0.24 | 27 | 1.3 | 0.60 | <0.04 | <0.04 | <0.04 | 0.40 | 0.05 | <0.08 |
| 20/ | M | 3 | 686 | 425 | s42 | 73 | s475.0 | <2.0 | <2.0 | <2.0 | 6.3 | 5.9 | <2.0 | 0.96 | 73 | 4.1 | 0.91 | <0.05 | <0.05 | <0.05 | 0.68 | 0.14 | <0.1 |
| 21/ | M | 4 | 712 | 425 | s27 | 41 | s358.0 | <2.0 | <2.0 | <2.0 | 7.3 | 7.6 | <2.0 | 1.4 | 70 | 1.2 | 0.29 | <0.05 | <0.05 | <0.05 | 0.71 | 0.15 | <0.1 |
| 22/ | M | 4 | 858 | 435 | s9.3 | 10 | s87.3 | 2.7 | <2.0 | <4.7 | 4.4 | 8.6 | <2.0 | 0.26 | 16 | 0.42 | 0.05 | <0.02 | <0.02 | <0.03 | 0.16 | <0.04 | <0.08 |
| 23/ | F | 3 | 631 | 380 | s60 | 42 | s332.0 | 2.2 | <2.0 | <4.2 | 10 | 11 | <2.0 | 1.2 | 82 | 2.9 | 0.99 | <0.1 | <0.1 | <0.2 | 1.7 | 0.15 | <0.2 |
| 24/ | M | 4 | 1891 | 565 | 60 | 86 | 386.0 | 14 | <3 | <17.0 | 6.3 | 3.6 | 6.4 | 1.5 | 45 | 1.8 | 1.4 | <0.04 | <0.04 | <0.05 | 2.0 | 0.09 | <0.1 |
| 25/ | F | 4 | 654 | 410 | 10 | 18 | 124.0 | 7.0 | <3 | <10.0 | 12 | 4.5 | 3.5 | 0.49 | 37 | 1.2 | 0.53 | <0.04 | <0.04 | <0.05 | 0.61 | 0.05 | <0.1 |
| Mean | 4 | 1355 | 502 | | 35,0 | <68.0 | 420,3 | <<2.8 | <<2.1 | <<3.4 | 7,0 | <5.1 | <<7.3 | 1,27 | 67,46 | 7,44 | 1,01 | <<0.06 | <<0.11 | <<0.08 | 2,32 | <0.14 | <<0.12 |
| Minimum | 3 | 397 | 350 | | 10,0 | <3.0 | 124,0 | <2.0 | <2.0 | <2.0 | 0,4 | <1.0 | <0.4 | 0,24 | 16,00 | 0,42 | 0,05 | <0.02 | <0.02 | <0.03 | 0,06 | <0.04 | <0.05 |
| Maximum | 5 | 3933 | 775 | | 60,0 | 300,0 | 1060 | 14,0 | <3.0 | <17.0 | 18,0 | 12,0 | 39,0 | 5,80 | 180,00 | 55,00 | 4,00 | <0.15 | 0,54 | <0.25 | 10,00 | 0,38 | <0.40 |
| St.Dev | 1 | 948 | 115 | | 35,4 | ~68.9 | 263,2 | ~2.6 | ~0.3 | ~3.4 | 3,9 | ~3.3 | ~8.2 | 1,22 | 40,88 | 12,35 | 1,01 | ~0.03 | ~0.13 | ~0.05 | 3,16 | ~0.09 | ~0.08 |
| Count | 25 | 25 | 25 | | 2 | 25 | 11 | 24 | 24 | 24 | 24 | 23 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 21 | 24 | 24 | 24 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|--------|--------|----------|
| Analysis code => | | | | 730 | 730 | 730 | Calc | |
| Detection limit => | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | BDE154 | BDE183 | BDE205 | BDESS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 5 | 3933 | 775 | 2.0 | <0.2 | <1.5 | <74.05 |
| 2/1 | M | 5 | 913 | 470 | 3.0 | <0.3 | <1.5 | <76.78 |
| 3/1 | F | 4 | 3259 | 710 | 6.4 | <0.6 | <3 | <313.79 |
| 4/1 | F | 4 | 1567 | 550 | 2.0 | <0.2 | <1 | <58.43 |
| 5/1 | F | 4 | 1287 | 490 | 2.7 | <0.2 | <1 | <46.37 |
| 6/1 | F | 4 | 1375 | 520 | 5.0 | <0.3 | <1.5 | <145.92 |
| 7/1 | F | 5 | 2263 | 640 | 1.7 | <0.1 | <0.8 | <60.81 |
| 8/1 | M | 4 | 1557 | 515 | 7.6 | <0.7 | <2 | <169.70 |
| 9/1 | M | 5 | 2606 | 680 | 3.7 | <0.2 | <1 | <80.59 |
| 10/ | M | 3 | 397 | 350 | 2.5 | <0.1 | <1 | <84.77 |
| 11/ | M | 4 | 2962 | 700 | 6.4 | <0.5 | <3 | <294.13 |
| 12/ | M | 5 | 715 | 435 | 5.3 | <0.5 | 1.3 | <155.73 |
| 13/ | F | 4 | 566 | 400 | 3.6 | <0.4 | <2 | <116.24 |
| 14/ | F | 3 | 1048 | 480 | 2.7 | <0.2 | <1 | <55.91 |
| 15/ | F | 3 | 944 | 470 | 5.5 | <0.5 | <3 | <145.74 |
| 16/ | F | 4 | 862 | 440 | 2.9 | <0.4 | <2 | <85.61 |
| 17/ | F | 4 | 632 | 415 | miss | miss | miss | |
| 18/ | F | 3 | 721 | 440 | 3.5 | <0.2 | <1 | <114.39 |
| 19/ | F | 4 | 836 | 420 | 1.3 | <0.2 | <1 | <43.89 |
| 20/ | M | 3 | 686 | 425 | 2.7 | <0.3 | <1.5 | <106.05 |
| 21/ | M | 4 | 712 | 425 | 2.8 | <0.3 | <1.5 | <103.16 |
| 22/ | M | 4 | 858 | 435 | 0.75 | <0.1 | <0.5 | <22.51 |
| 23/ | F | 3 | 631 | 380 | 3.9 | <0.5 | <2 | <125.11 |
| 24/ | M | 4 | 1891 | 565 | 3.0 | <0.3 | <1.5 | <76.42 |
| 25/ | F | 4 | 654 | 410 | 1.3 | <0.3 | <1.5 | <52.44 |
| Mean | | 4 | 1355 | 502 | 3,43 | <<0.32 | <<1.55 | <<108.69 |
| Minimum | | 3 | 397 | 350 | 0,75 | <0.10 | <0.50 | <22.51 |
| Maximum | | 5 | 3933 | 775 | 7,60 | <0.70 | <3.00 | <313.79 |
| St.Dev | | 1 | 948 | 115 | 1,77 | ~0.16 | ~0.69 | ~71.32 |
| Count | | 25 | 25 | 25 | 24 | 24 | 24 | 24 |

miss(27) ! Missing value s/q(32) ! Suspect value
miss(27) ! Missing value s/q(32) ! Suspect value

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Comments

Station: Oslo City area Water depth: 37-70meter

sample no.

- 1 Liver colour:Yellow red ,Part sample=ca55g Extra part sample = 40,76g
- 2 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow
- 3 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow white, Part sample ca 95g
Extra part sample = 43,28g
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 5 Liver colour: yellow red
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red .Part sample ca 20g
- 7 Liver colour: red brown
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour:gellow green
- 9 Skin with metacercariae of cf. Cryptocotyle lingua ,7small Liver colour:yellow
- 10 Skin with metacercariae of cf. Cryptocotyle lingua ,7small Liver colour: yellow red
- 11 Liver colour:yellow Part sample = 54,34g Extra part sanple =57,00g
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 13 Liver colour:yellow
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour:yellow red
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Skin with ulceration, lymphocytic areas and/or lesions
Liver colour:yellow pink
- 17 Liver colour:brown red
- 18 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour:yellow red
- 19 Liver colour: yellow red. Part sample =27,28g
- 20 Liver colour:yellow red
- 21 Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods
Liver colour: yellow red
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour:red brown
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 24 Liver colour: yellow . Part sample = 41,46g
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20061024** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 8 | 4169 | 740 | 280,4 | 74,0 | 66,0 | 0.012 | 1.90 | 0.014 | 9.80 | 39 | 200 | 920 | 450 | 1000 | 1800 | 1900 | 130 | 510 | 12 | 6369 | 6961 | | |
| 2/1 | F | 5 | 4640 | 780 | 197,8 | 76,0 | 69,0 | 0.0244 | 2.28 | 0.0321 | 16.3 | 23 | 110 | 480 | 250 | 670 | 1200 | 1500 | 89 | 410 | 11 | 4393 | 4743 | | |
| 3/1 | M | 3 | 1064 | 475 | 18,4 | 46,0 | 33,0 | 0.151 | 6.31 | 0.337 | 28.6 | 7.2 | 43 | 260 | 180 | 450 | 990 | 1500 | 83 | 460 | 8.2 | 3710 | 3981 | | |
| 4/1 | F | 3 | 929 | 465 | 14,5 | 43,0 | 31,0 | 0.0822 | 4.55 | 0.151 | 22.9 | 5.1 | 32 | 180 | 110 | 300 | 660 | 850 | 50 | 310 | 5.2 | 2337 | 2502 | | |
| 5/1 | M | 4 | 2467 | 620 | 25,0 | 45,0 | 28,0 | 0.104 | 16.3 | 0.101 | 33.9 | 6.9 | 32 | 320 | 240 | 680 | 2000 | 3700 | 130 | 670 | 20 | 7409 | 7799 | | |
| 6/1 | M | 4 | 2009 | 600 | 22,4 | 44,0 | 33,0 | 0.170 | 15.0 | 0.178 | 34.5 | 5.4 | 20 | 120 | 120 | 420 | 980 | 1500 | 81 | 500 | 11 | 3545 | 3757 | | |
| 7/1 | F | 3 | 1180 | 480 | 14,0 | 31,0 | 12,0 | 0.502 | 7.89 | 0.595 | 29.3 | 2.2 | 14 | 91 | 65 | 220 | 580 | 960 | 51 | 300 | 4.7 | 2167 | 2288 | | |
| 8/1 | M | 2 | 887 | 470 | 28,2 | 64,0 | 52,0 | 2.86 | 15.5 | 0.566 | 50.7 | 11 | 41 | 170 | 120 | 350 | 630 | 790 | 42 | 230 | 3.7 | 2222 | 2388 | | |
| 9/1 | M | 2 | 627 | 415 | 5,8 | 20,0 | 2,6 | 0.0964 | 6.58 | 0.0556 | 22.1 | 0.66 | 1.4 | 4.7 | 8.9 | 25 | 62 | 94 | 5.4 | 31 | 0.57 | 219 | 234 | | |
| 10/ | F | 3 | 836 | 500 | 6,2 | 21,0 | 3,8 | 0.278 | 4.08 | 0.190 | 32.5 | 1.3 | 4.0 | 30 | 26 | 72 | 210 | 300 | 19 | 120 | 1.9 | 737 | 784 | | |
| 11/ | F | 2 | 1031 | 458 | 11,4 | 40,0 | 26,0 | 0.164 | 4.39 | 0.149 | 21.3 | 7.8 | 45 | 260 | 200 | 540 | 880 | 1300 | 76 | 340 | 2.3 | 3373 | 3651 | | |
| 12/ | M | 3 | 903 | 465 | 9,2 | 25,0 | 8,5 | 0.371 | 11.7 | 2.18 | 45.8 | 1.7 | 6.9 | 53 | 64 | 180 | 740 | 1000 | 43 | 220 | 5.4 | 2202 | 2314 | | |
| 13/ | M | 3 | 1061 | 472 | 21,2 | 54,0 | 41,0 | 0.133 | 22.0 | 0.561 | 30.5 | 10 | 31 | 110 | 140 | 410 | 590 | 870 | 51 | 230 | 3.7 | 2251 | 2446 | | |
| 14/ | F | 4 | 2550 | 630 | 101,4 | 74,0 | 69,0 | 0.016 | 3.06 | 0.0089 | 13.3 | 37 | 160 | 590 | 370 | 900 | 990 | 1200 | 78 | 290 | 2.9 | 4167 | 4618 | | |
| 15/ | F | 4 | 2190 | 610 | 30,4 | 43,0 | 27,0 | 0.112 | 11.4 | 0.384 | 30.2 | 4.3 | 24 | 150 | 90 | 390 | 860 | 1700 | 84 | 500 | 14 | 3628 | 3816 | | |
| 16/ | M | 4 | 3240 | 700 | 94,6 | 62,0 | 52,0 | 0.0384 | 3.96 | 0.0588 | 19.9 | 6.8 | 31 | 210 | 120 | 380 | 830 | 1200 | 64 | 420 | 9.4 | 3078 | 3271 | | |
| 17/ | F | 2 | 1172 | 472 | 21,4 | 42,0 | 29,0 | 0.246 | 8.55 | 0.0673 | 31.8 | 5.5 | 31 | 130 | 95 | 270 | 500 | 740 | 38 | 210 | 3.8 | 1887 | 2023 | | |
| 18/ | F | 2 | 1167 | 507 | 14,2 | 44,0 | 30,0 | 0.115 | 5.70 | 0.0579 | 24.2 | 11 | 64 | 370 | 220 | 580 | 1000 | 1600 | 89 | 430 | 8.3 | 4055 | 4372 | | |
| 19/ | F | 2 | 1202 | 515 | 16,4 | 38,0 | 20,0 | 0.130 | 14.3 | 0.0936 | 34.8 | 4.7 | 32 | 230 | 160 | 480 | 1000 | 2000 | 90 | 460 | 7.8 | 4207 | 4465 | | |
| 20/ | M | 3 | 1233 | 545 | 7,2 | 22,0 | 7,0 | 0.0948 | 29.0 | 0.0806 | 46.3 | 1.8 | 9.5 | 180 | 140 | 510 | 1400 | 1900 | 81 | 430 | 7.8 | 4431 | 4660 | | |
| 21/ | M | 2 | 1160 | 500 | 32,2 | 59,0 | 51,0 | 0.0358 | 7.38 | 0.0088 | 18.0 | 27 | 220 | 770 | 500 | 1100 | 1000 | 1200 | 69 | 280 | 2.6 | 4597 | 5169 | | |
| 22/ | M | 2 | 897 | 458 | 18,4 | 54,0 | 42,0 | 0.201 | 9.69 | 0.343 | 29.7 | 7.7 | 30 | 140 | 280 | 770 | 1400 | 2400 | 110 | 570 | 5.7 | 5318 | 5713 | | |
| 23/ | M | 3 | 978 | 475 | 10,2 | 30,0 | 15,0 | 0.355 | 20.6 | 1.48 | 45.0 | 4.0 | 19 | 98 | 110 | 320 | 740 | 1500 | 64 | 340 | 8.0 | 3021 | 3203 | | |
| 24/ | M | 4 | 777 | 442 | 16,0 | 57,0 | 48,0 | 0.0504 | 3.92 | 0.0827 | 19.5 | 9.0 | 43 | 200 | 180 | 510 | 800 | 1200 | 53 | 280 | 2.8 | 3042 | 3278 | | |
| 25/ | M | 2 | 769 | 443 | 7,0 | 47,0 | 35,0 | 0.0538 | 5.95 | 0.0594 | 23.5 | 6.4 | 42 | 280 | 230 | 620 | 1100 | 2000 | 83 | 460 | 3.7 | 4508 | 4825 | | |
| Mean | | 3 | 1566 | 529 | 41,0 | 46,2 | 33,2 | 0,26 | 9,68 | 0,31 | 28,6 | 9,9 | 51,4 | 253,9 | 178,8 | 485,9 | 917,7 | 1396 | 70,1 | 360,0 | 6,7 | 3475 | 3730 | | |
| Minimum | | 2 | 627 | 415 | 5,8 | 20,0 | 2,6 | 0,01 | 1,90 | 0,01 | 9,8 | 0,7 | 1,4 | 4,7 | 8,9 | 25,0 | 62,0 | 94,0 | 5,4 | 31,0 | 0,6 | 219 | 234 | | |
| Maximum | | 8 | 4640 | 780 | 280,4 | 76,0 | 69,0 | 2,86 | 29,00 | 2,18 | 50,7 | 39,0 | 220,0 | 920,0 | 500,0 | 1100 | 2000 | 3700 | 130,0 | 670,0 | 20,0 | 7409 | 7799 | | |
| St.Dev | | 1 | 1077 | 99 | 65,2 | 16,3 | 19,6 | 0,56 | 6,92 | 0,50 | 10,6 | 10,4 | 58,4 | 223,4 | 121,4 | 266,4 | 429,6 | 722,0 | 30,0 | 146,4 | 4,5 | 1603 | 1726 | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|-------|-------|--------|-------|-------|-------|-------|------|------|------|--------|-------|-------|--------|--------|--------|-------|-------|--------|--------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | BDE28 | BDE47 | BDE49 | BDE66 | BDE71 | BDE77 | BDE85 | BDE99 | BDE119 | BDE138 |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 8 | 4169 | 740 | 230 | 220 | 1370 | 6.9 | <3.0 | <9.9 | 22 | miss | 18 | 9.7 | 380 | 98 | 3.2 | <0.3 | 0.36 | <0.25 | 15 | 0.63 | <0.15 | |
| 2/1 F | 5 | 4640 | 780 | 82 | 87 | 559.0 | 6.9 | 3.1 | 10.0 | 17 | miss | 8.1 | 3.8 | 130 | 15 | 2.5 | <0.10 | 0.35 | 0.23 | 2.0 | 0.32 | <0.1 | |
| 3/1 M | 3 | 1064 | 475 | 48 | 32 | 240.0 | 3.9 | 1.2 | 5.1 | 6.4 | miss | 1.9 | 1.1 | 70 | 3.4 | 0.62 | <0.09 | <0.07 | <0.05 | 0.81 | 0.14 | <0.08 | |
| 4/1 F | 3 | 929 | 465 | 33 | 18 | 191.0 | 1.4 | 1.2 | 2.6 | 4.9 | miss | 3.5 | 0.62 | 49 | 1.5 | 0.52 | <0.05 | <0.07 | <0.05 | 0.70 | 0.14 | <0.08 | |
| 5/1 M | 4 | 2467 | 620 | 60 | 37 | 447.0 | 2.5 | <1.0 | <3.5 | 4.9 | miss | 8.3 | 2.0 | 43 | 1.9 | 0.25 | <0.10 | <0.15 | <0.1 | s0.11 | miss | <0.08 | |
| 6/1 M | 4 | 2009 | 600 | 15 | 21 | 206.0 | 0.87 | 1.3 | 2.2 | 4.9 | miss | 3.9 | 0.51 | 24 | 2.4 | 0.23 | <0.06 | <0.10 | <0.05 | 1.2 | 0.13 | <0.08 | |
| 7/1 F | 3 | 1180 | 480 | 11 | 10 | 131.0 | 1.2 | <1.0 | <2.2 | 1.9 | miss | 1.7 | 0.18 | 10 | 0.55 | 0.08 | <0.05 | <0.05 | <0.05 | 0.13 | <0.06 | <0.08 | |
| 8/1 M | 2 | 887 | 470 | 27 | 33 | 220.0 | 2.9 | 1.7 | 4.6 | 14 | miss | 4.4 | 1.4 | 68 | 9.9 | 1.2 | <0.1 | <0.15 | <0.05 | 2.5 | 0.13 | <0.08 | |
| 9/1 M | 2 | 627 | 415 | <1.0 | 0.91 | <5.8 | 0.34 | 0.21 | 0.6 | 0.31 | miss | 0.21 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 10/ F | 3 | 836 | 500 | 6.9 | 3.0 | 35.9 | 0.64 | 0.25 | 0.9 | 0.52 | miss | 0.50 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 11/ F | 2 | 1031 | 458 | 35 | 53 | 278.0 | 3.3 | 1.3 | 4.6 | 5.5 | miss | 4.7 | 1.9 | 57 | 6.3 | 2.4 | <0.1 | <0.2 | <0.05 | 15 | 0.14 | <0.08 | |
| 12/ M | 3 | 903 | 465 | 5.0 | 9.0 | 78.0 | 0.90 | 0.25 | 1.2 | 1.4 | miss | 1.1 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 13/ M | 3 | 1061 | 472 | 13 | 32 | 175.0 | 2.8 | 1.6 | 4.4 | 10 | miss | 3.7 | 1.1 | 43 | 2.4 | 0.80 | <0.3 | <0.1 | <0.05 | 1.1 | 0.11 | <0.08 | |
| 14/ F | 4 | 2550 | 630 | 140 | 130 | 810.0 | 4.4 | 2.3 | 6.7 | 18 | miss | 14 | 3.1 | 170 | 42 | 2.3 | <0.15 | 0.44 | <0.05 | 9.4 | 0.36 | <0.08 | |
| 15/ F | 4 | 2190 | 610 | 15 | 20 | 225.0 | 1.3 | 1.0 | 2.3 | 4.3 | miss | 3.6 | 0.33 | 7.8 | 0.87 | 0.13 | <0.06 | <0.07 | <0.05 | 0.23 | <0.07 | <0.08 | |
| 16/ M | 4 | 3240 | 700 | 45 | 23 | 288.0 | 3.9 | 1.5 | 5.4 | 7.3 | miss | 4.6 | 1.3 | 22 | 1.1 | 0.29 | <0.06 | <0.08 | <0.05 | 0.07 | <0.12 | <0.08 | |
| 17/ F | 2 | 1172 | 472 | 18 | 21 | 169.0 | 2.3 | 0.98 | 3.3 | 4.7 | miss | 2.8 | 0.48 | 35 | 3.9 | 0.44 | <0.05 | <0.09 | <0.05 | 1.0 | 0.10 | <0.08 | |
| 18/ F | 2 | 1167 | 507 | 45 | 76 | 431.0 | 3.8 | 1.1 | 4.9 | 6.6 | miss | 6.3 | 1.3 | 68 | 15 | 0.96 | <0.15 | <0.15 | <0.07 | 0.53 | 0.19 | <0.08 | |
| 19/ F | 2 | 1202 | 515 | 22 | 24 | 266.0 | 2.8 | 0.67 | 3.5 | 3.8 | miss | 3.6 | 0.27 | 26 | 1.1 | 0.14 | <0.05 | <0.05 | <0.05 | 0.21 | 0.12 | <0.08 | |
| 20/ M | 3 | 1233 | 545 | 15 | 17 | 152.0 | 1.9 | 0.29 | 2.2 | 1.3 | miss | 2.3 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 21/ M | 2 | 1160 | 500 | 76 | 75 | 391.0 | 1.6 | 1.4 | 3.0 | 10 | miss | 13 | 2.3 | 59 | 7.4 | 3.9 | <0.08 | <0.1 | <0.05 | 13 | 0.13 | <0.08 | |
| 22/ M | 2 | 897 | 458 | 44 | 32 | 336.0 | 1.1 | <1.0 | <2.1 | 8.1 | miss | 5.3 | 1.1 | 72 | 2.8 | 0.81 | <0.15 | <0.1 | <0.05 | 0.93 | 0.14 | <0.08 | |
| 23/ M | 3 | 978 | 475 | 17 | 18 | 135.0 | 0.45 | <0.4 | <0.9 | 2.5 | miss | 2.5 | 0.35 | 23 | 0.92 | 0.27 | <0.08 | <0.05 | <0.05 | 0.20 | 0.05 | <0.08 | |
| 24/ M | 4 | 777 | 442 | 33 | 30 | 263.0 | 1.2 | <1.0 | <2.2 | 7.8 | miss | 3.7 | 0.90 | 62 | 3.9 | 1.0 | <0.05 | <0.06 | <0.05 | 0.74 | 0.13 | <0.08 | |
| 25/ M | 2 | 769 | 443 | 36 | 30 | 276.0 | 0.94 | <1.0 | <1.9 | 5.5 | miss | 4.9 | 0.75 | 70 | 3.5 | 0.82 | <0.05 | <0.06 | <0.05 | 0.80 | 0.20 | <0.08 | |
| Mean | 3 | 1566 | 529 | <42.9 | 42,1 | <307.1 | 2,4 | <<1.2 | <<3.6 | 6,9 | | 5,1 | 1,64 | 70,90 | 10,66 | 1,09 | <<0.10 | <<0.14 | <<0.07 | 3,28 | <0.17 | <<0.08 | |
| Minimum | 2 | 627 | 415 | <1.0 | 0,9 | <5.8 | 0,3 | 0,2 | 0,6 | 0,3 | | 0,2 | 0,18 | 7,80 | 0,55 | 0,08 | <0.05 | <0.05 | <0.05 | 0,07 | 0,05 | <0.08 | |
| Maximum | 8 | 4640 | 780 | 230,0 | 220,0 | 1370 | 6,9 | 3,1 | 10,0 | 22,0 | | 18,0 | 9,70 | 380,00 | 98,00 | 3,90 | <0.30 | 0,44 | <0.25 | 15,00 | 0,63 | <0.15 | |
| St.Dev | 1 | 1077 | 99 | ~49.3 | 47,3 | ~279.5 | 1,8 | ~0.7 | ~2.5 | 5,6 | | 4,3 | 2,07 | 80,38 | 22,03 | 1,10 | ~0.07 | ~0.11 | ~0.06 | 5,18 | ~0.13 | ~0.02 | |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | | 25 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 21 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|--------|--------|----------|
| Analysis code => | | | | 730 | 730 | 730 | Calc | |
| Detection limit => | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | BDE154 | BDE183 | BDE205 | BDESS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 8 | 4169 | 740 | 13 | <0.15 | <0.15 | <642.09 |
| 2/1 | F | 5 | 4640 | 780 | 3.8 | <0.1 | <0.15 | <193.07 |
| 3/1 | M | 3 | 1064 | 475 | 3.8 | <0.1 | <0.15 | <103.10 |
| 4/1 | F | 3 | 929 | 465 | 3.1 | <0.1 | <0.15 | <76.81 |
| 5/1 | M | 4 | 2467 | 620 | 8.0 | <0.1 | <0.15 | s<74.41 |
| 6/1 | M | 4 | 2009 | 600 | 4.7 | <0.1 | <0.15 | <46.47 |
| 7/1 | F | 3 | 1180 | 480 | 1.2 | <0.1 | <0.15 | <22.29 |
| 8/1 | M | 2 | 887 | 470 | 5.5 | <0.1 | <0.15 | <109.95 |
| 9/1 | M | 2 | 627 | 415 | miss | miss | miss | |
| 10/ | F | 3 | 836 | 500 | miss | miss | miss | |
| 11/ | F | 2 | 1031 | 458 | 4.8 | <0.1 | <0.15 | <106.94 |
| 12/ | M | 3 | 903 | 465 | miss | miss | miss | |
| 13/ | M | 3 | 1061 | 472 | 3.3 | <0.1 | <0.15 | s<61.18 |
| 14/ | F | 4 | 2550 | 630 | 4.0 | <0.1 | <0.15 | <278.95 |
| 15/ | F | 4 | 2190 | 610 | 3.1 | <0.1 | <0.15 | s<23.61 |
| 16/ | M | 4 | 3240 | 700 | 4.4 | <0.1 | <0.15 | <49.31 |
| 17/ | F | 2 | 1172 | 472 | 2.7 | <0.1 | <0.15 | <56.87 |
| 18/ | F | 2 | 1167 | 507 | 6.6 | <0.1 | <0.15 | <120.81 |
| 19/ | F | 2 | 1202 | 515 | 2.6 | <0.1 | <0.15 | <47.64 |
| 20/ | M | 3 | 1233 | 545 | miss | miss | miss | |
| 21/ | M | 2 | 1160 | 500 | 4.5 | <0.1 | <0.15 | <108.48 |
| 22/ | M | 2 | 897 | 458 | 3.4 | <0.1 | <0.15 | <97.46 |
| 23/ | M | 3 | 978 | 475 | 1.4 | <0.1 | <0.15 | <31.54 |
| 24/ | M | 4 | 777 | 442 | 3.5 | <0.1 | <0.15 | <91.41 |
| 25/ | M | 2 | 769 | 443 | 3.8 | <0.1 | <0.15 | <105.11 |
| Mean | | 3 | 1566 | 529 | 4,34 | <<0.10 | <<0.15 | <<127.13 |
| Minimum | | 2 | 627 | 415 | 1,20 | <0.10 | <0.15 | <22.29 |
| Maximum | | 8 | 4640 | 780 | 13,00 | <0.15 | <0.15 | <642.09 |
| St.Dev | | 1 | 1077 | 99 | 2,51 | ~0.01 | ~0.00 | ~142.12 |
| Count | | 25 | 25 | 25 | 21 | 21 | 21 | 18 |

miss(82) ! Missing value s/q(4) ! Suspect value

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Comments

Station: Oslo City area

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: White /pink
Part sample = 178,2g Ekstra part sample =
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: White pink
Part sample = 168,0g Ekstra part sample =
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white pink
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white pink
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white pink
- 6 Liver colour: white pink
- 7 Liver colour: yellow pink
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow pink
- 9 Liver colour: brown red
- 10 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: brown red
- 11 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
Liver colour: pink white
- 12 Liver colour: brown red
- 13 Liver colour: brown red
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white Ekstra part sample =
- 15 Age uncertain Liver colour: yellow pink
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
Liver colour: white pink
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: pink white
- 18 Liver colour: yellow pink
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow pink
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: White pink
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
Liver colour: pink white
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white pink
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow pink

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20020925** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 2 | 403 | 340 | 10,1 | 61,0 | 46,0 | miss | miss | miss | miss | 2.5 | 5.8 | 10 | 15 | 35 | 41 | 64 | 3.5 | 12 | <1.6 | 170 | <190 | | | | | | |
| 2/1 | F | 2 | 415 | 355 | 8,6 | 53,2 | 42,0 | miss | miss | miss | miss | 3.4 | 7.0 | 15 | 18 | 39 | 47 | 79 | 4.6 | 17 | <1.6 | 207 | <232 | | | | | | |
| 3/1 | M | 2 | 521 | 380 | 12,9 | 48,5 | 37,0 | 0.0206 | 4.63 | 0.0037 | 24.2 | 2.6 | 5.8 | 13 | 16 | 35 | 45 | 75 | 3.9 | 14 | <1.2 | 190 | <212 | | | | | | |
| 4/1 | F | 2 | 596 | 400 | 9,6 | 42,4 | 29,0 | 0.0390 | 12.1 | 0.0091 | 33.0 | 2.6 | 3.6 | 5.9 | 22 | 52 | 62 | 120 | 7.8 | 29 | <1.0 | 275 | <306 | | | | | | |
| 5/1 | F | 2 | 564 | 410 | 3,3 | 18,1 | 2,1 | miss | miss | miss | miss | <0.40 | 1.5 | 1.9 | 2.7 | 6.2 | 10 | 16 | 1.1 | 2.9 | <0.40 | <39 | <43 | | | | | | |
| 6/1 | F | 3 | 729 | 420 | 16,1 | 58,1 | 48,0 | 0.0176 | 24.6 | 0.0035 | 34.8 | 3.5 | 8.6 | 18 | 22 | 47 | 60 | 110 | 7.2 | 28 | <1.7 | 275 | <306 | | | | | | |
| 7/1 | M | 3 | 716 | 440 | 7,9 | 30,6 | 13,0 | miss | miss | miss | miss | 1.7 | 2.8 | 5.3 | 13 | 37 | 64 | 110 | 5.0 | 21 | <0.80 | 242 | <261 | | | | | | |
| 8/1 | M | 2 | 620 | 400 | 11,0 | 48,3 | 35,0 | 0.0335 | 7.55 | 0.0066 | 33.4 | 3.7 | 7.8 | 15 | 21 | 48 | 68 | 110 | 6.0 | 22 | <1.2 | 275 | <303 | | | | | | |
| 9/1 | F | 2 | 679 | 430 | 21,7 | 38,1 | 26,0 | 0.0192 | 6.75 | 0.0061 | 22.9 | 2.8 | 5.9 | 15 | 23 | 51 | 56 | 93 | 5.7 | 20 | <0.1 | 244 | <273 | | | | | | |
| 10/ | F | 2 | 800 | 450 | 15,2 | 20,9 | 7,1 | 0.0218 | 5.70 | 0.0107 | 28.7 | 6.7 | 10 | 30 | 69 | 160 | 140 | 230 | 16 | 60 | 0.57 | 637 | 722 | | | | | | |
| 11/ | F | 2 | 808 | 440 | 18,6 | 22,5 | 9,3 | 0.0736 | 9.05 | 0.0248 | 34.4 | 3.6 | 9.4 | 26 | 42 | 91 | 99 | 170 | 11 | 40 | 0.68 | 439 | 493 | | | | | | |
| 12/ | M | 2 | 700 | 415 | 11,5 | 41,5 | 28,0 | 0.0196 | 6.07 | 0.004 | 27.8 | 2.7 | 2.3 | 4.9 | 21 | 56 | 81 | 130 | 6.3 | 22 | <1.2 | 299 | <327 | | | | | | |
| 13/ | F | 2 | 816 | 445 | 25,3 | 53,2 | 43,0 | 0.0371 | 8.51 | 0.0066 | 28.1 | 3.2 | 7.4 | 19 | 15 | 36 | 51 | 82 | 4.2 | 17 | <1.4 | 216 | <236 | | | | | | |
| 14/ | F | 3 | 1060 | 510 | 11,2 | 16,3 | 3,3 | 0.0247 | 10.9 | 0.0162 | 36.2 | 0.41 | 0.73 | 2.3 | 4.5 | 9.2 | 14 | 27 | 1.9 | 7.0 | 0.20 | 61 | 67 | | | | | | |
| 15/ | M | 3 | 908 | 460 | 14,3 | 40,7 | 27,0 | 0.0499 | 3.68 | 0.0113 | 32.2 | 6.2 | 15 | 35 | 38 | 82 | 99 | 170 | 8.7 | 32 | <1.0 | 439 | <487 | | | | | | |
| 16/ | F | 3 | 1106 | 485 | 21,9 | 44,0 | 28,0 | 0.0178 | 11.1 | 0.005 | 33.0 | 2.6 | 3.8 | 11 | 65 | 150 | 150 | 270 | 20 | 78 | <1.0 | 665 | <751 | | | | | | |
| 17/ | F | 3 | 1498 | 515 | 35,7 | 47,0 | 36,0 | 0.0133 | 7.63 | 0.0047 | 25.7 | 2.2 | 7.1 | 20 | 24 | 49 | 68 | 100 | 7.4 | 23 | <1.0 | 269 | <302 | | | | | | |
| 18/ | F | 3 | 913 | 470 | 15,1 | 43,5 | 26,0 | 0.0329 | 16.7 | 0.0042 | 38.8 | 1.9 | 3.0 | 10 | 23 | 58 | 82 | 160 | 9.0 | 37 | <1.4 | 352 | <385 | | | | | | |
| 19/ | M | 3 | 1250 | 485 | 57,8 | 30,5 | 17,0 | 0.011 | 4.47 | 0.0052 | 23.5 | 1.0 | 3.3 | 7.5 | 9.2 | 20 | 28 | 59 | 4.0 | 15 | <1.0 | 134 | <148 | | | | | | |
| 20/ | M | 3 | 1190 | 500 | 29,5 | 44,5 | 30,0 | 0.0218 | 7.12 | 0.0038 | 27.1 | 1.7 | 5.9 | 17 | 19 | 43 | 65 | 100 | 6.5 | 22 | <1.0 | 255 | <281 | | | | | | |
| 21/ | U | 5 | 810 | 510 | 12,0 | 26,2 | 12,0 | 0.0522 | 1.23 | 0.0059 | 34.3 | 0.78 | 2.0 | 3.9 | 23 | 55 | 100 | 190 | 10 | 44 | 0.74 | 396 | 429 | | | | | | |
| 22/ | F | 3 | 1219 | 500 | 27,7 | 50,2 | 38,0 | 0.0152 | 10.7 | 0.0044 | 30.7 | 1.6 | 6.9 | 14 | 14 | 30 | 46 | 100 | 6.6 | 26 | <1.4 | 225 | <247 | | | | | | |
| 23/ | U | 4 | 1388 | 550 | 30,2 | 26,2 | 14,0 | 0.0416 | 4.71 | 0.0107 | 33.1 | 3.2 | 7.2 | 14 | 39 | 82 | 110 | 200 | 11 | 43 | 0.76 | 459 | 510 | | | | | | |
| 24/ | F | 4 | 1470 | 515 | 30,4 | 45,4 | 36,0 | 0.0451 | 7.08 | 0.0067 | 31.4 | 7.9 | 18 | 70 | 82 | 180 | 280 | 550 | 29 | 140 | <1.4 | 1246 | <1358 | | | | | | |
| 25/ | F | 4 | 1526 | 540 | 16,5 | 23,0 | 7,2 | 0.0706 | 19.4 | 0.0079 | 50.4 | 1.3 | 1.7 | 6.5 | 21 | 45 | 60 | 97 | 5.9 | 21 | 0.35 | 233 | 260 | | | | | | |
| Mean | | 3 | 908 | 455 | 19,0 | 39,0 | 25,6 | 0,03 | 9,03 | 0,01 | 31,6 | <2.8 | 6,1 | 15,6 | 26,5 | 59,9 | 77,0 | 136,5 | 8,1 | 31,7 | <<1.0 | <330 | <<365 | | | | | | |
| Minimum | | 2 | 403 | 340 | 3,3 | 16,3 | 2,1 | 0,01 | 1,23 | 0,00 | 22,9 | <0.4 | 0,7 | 1,9 | 2,7 | 6,2 | 10,0 | 16,0 | 1,1 | 2,9 | <0.1 | <39 | <43 | | | | | | |
| Maximum | | 5 | 1526 | 550 | 57,8 | 61,0 | 48,0 | 0,07 | 24,60 | 0,02 | 50,4 | 7,9 | 18,0 | 70,0 | 82,0 | 180,0 | 280,0 | 550,0 | 29,0 | 140,0 | <1.7 | 1246 | <1358 | | | | | | |
| St.Dev | | 1 | 340 | 56 | 11,7 | 13,0 | 14,0 | 0,02 | 5,54 | 0,01 | 6,1 | ~1.8 | 4,1 | 14,1 | 19,6 | 43,9 | 54,2 | 105,1 | 6,0 | 27,9 | ~0.4 | ~243 | ~267 | | | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 21 | 21 | 21 | 21 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 2 | 403 | 340 | 3.6 | 31.6 | <1.6 | 2.7 | <4.3 | 3.5 | <0.8 | <0.8 |
| 2/1 | F | 2 | 415 | 355 | 5.6 | 41.6 | <1.6 | 2.5 | <4.1 | 4.1 | <0.8 | <0.8 |
| 3/1 | M | 2 | 521 | 380 | 3.8 | 29.8 | 1.3 | 2.2 | 3.5 | 3.5 | <0.6 | <0.6 |
| 4/1 | F | 2 | 596 | 400 | 5.9 | 47.9 | <1.0 | 1.6 | <2.6 | 3.6 | <0.5 | <0.5 |
| 5/1 | F | 2 | 564 | 410 | <0.60 | <3.2 | <0.40 | <0.40 | <0.4 | 0.30 | <0.20 | <0.20 |
| 6/1 | F | 3 | 729 | 420 | 6.9 | 55.9 | <1.7 | 2.6 | <4.3 | 4.7 | <0.75 | 1.0 |
| 7/1 | M | 3 | 716 | 440 | 6.0 | 42.0 | <0.80 | <0.80 | <0.8 | 1.6 | <0.40 | <0.40 |
| 8/1 | M | 2 | 620 | 400 | 5.8 | 49.8 | 1.3 | 2.0 | 3.3 | 3.8 | <0.60 | 0.78 |
| 9/1 | F | 2 | 679 | 430 | 6.4 | 44.4 | <1.0 | 1.3 | <2.3 | 3.3 | <0.5 | 0.75 |
| 10/ | F | 2 | 800 | 450 | 4.7 | 32.7 | <0.40 | <0.40 | <0.4 | 1.1 | <0.20 | 1.9 |
| 11/ | F | 2 | 808 | 440 | 8.2 | 48.2 | <0.40 | 0.41 | <0.8 | 1.7 | <0.20 | 1.4 |
| 12/ | M | 2 | 700 | 415 | 4.3 | 40.3 | <1.2 | 1.5 | <2.7 | 2.7 | <0.60 | <0.6 |
| 13/ | F | 2 | 816 | 445 | 6.6 | 50.6 | 1.4 | 2.3 | 3.7 | 4.7 | <0.70 | <0.70 |
| 14/ | F | 3 | 1060 | 510 | 1.7 | 11.2 | <0.20 | <0.20 | <0.2 | 0.29 | <0.10 | 0.13 |
| 15/ | M | 3 | 908 | 460 | 8.7 | 70.7 | <1.0 | 1.5 | <2.5 | 4.1 | <0.50 | 1.5 |
| 16/ | F | 3 | 1106 | 485 | 7.2 | 56.2 | <1.0 | 1.5 | <2.5 | 2.7 | <0.50 | 0.68 |
| 17/ | F | 3 | 1498 | 515 | 7.9 | 61.9 | 1.1 | 1.9 | 3.0 | 3.7 | <0.50 | 1.1 |
| 18/ | F | 3 | 913 | 470 | 5.0 | 56.0 | <1.4 | 1.2 | <2.6 | 3.1 | <0.70 | <0.70 |
| 19/ | M | 3 | 1250 | 485 | 3.9 | 28.9 | <1.0 | <1.0 | <1.0 | 1.7 | <0.50 | 0.52 |
| 20/ | M | 3 | 1190 | 500 | 6.3 | 51.3 | <1.0 | 1.6 | <2.6 | 2.7 | <0.50 | 0.73 |
| 21/ | U | 5 | 810 | 510 | 4.4 | 43.4 | <0.40 | 0.61 | <1.0 | 1.3 | 0.22 | 0.55 |
| 22/ | F | 3 | 1219 | 500 | 6.3 | 39.3 | <1.4 | 1.9 | <3.3 | 3.8 | <0.70 | 0.80 |
| 23/ | U | 4 | 1388 | 550 | 4.7 | 53.7 | <0.60 | 0.74 | <1.3 | 1.7 | <0.30 | 0.98 |
| 24/ | F | 4 | 1470 | 515 | 5.7 | 68.7 | <1.4 | 2.0 | <3.4 | 4.8 | <0.70 | 3.0 |
| 25/ | F | 4 | 1526 | 540 | 4.1 | 39.1 | <0.30 | 0.34 | <0.6 | 0.76 | <0.15 | 0.36 |
| Mean | | 3 | 908 | 455 | <5.4 | <43.9 | <<1.0 | <1.4 | <<2.3 | 2,8 | <<0.5 | <<0.9 |
| Minimum | | 2 | 403 | 340 | <0.6 | <3.2 | <0.2 | <0.2 | <0.2 | 0,3 | <0.1 | 0,1 |
| Maximum | | 5 | 1526 | 550 | 8,7 | 70,7 | <1.7 | 2,7 | <4.3 | 4,8 | <0.8 | 3,0 |
| St.Dev | | 1 | 340 | 56 | ~1.9 | ~15.6 | ~0.4 | ~0.8 | ~1.3 | 1,4 | ~0.2 | ~0.6 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(16) ! Missing value

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Comments

Station: Færder

sample no.

- 1 Liver colour:yellow
- 2 Liver colour: yellow red
- 3 Signs of mechanical damage (e.g., net wounds) Liver colour: red yellow
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* liver colour: red yellow
gale on liver
- 5 liver colour : red
- 6 Liver colour; yellow red
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* liver colour: red yellow
- 8 liver colour: red yellow
- 9 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: red yellow
- 10 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: red brown
- 12 Liver colour: yellow red
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 14 liver colour: red brown
- 15 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 17 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow
- 18 Gills with *Lernaeocera* copepods Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour:yellow red
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Livercolour: yellow red
- 20 Liver colour: yellow red
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20031006** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 | F | 3 | 1339 | 530 | 31,3 | 39,0 | 23,0 | 0.011 | 14.6 | 0.02 | 30.3 | 22 | 41 | 77 | 100 | 210 | 150 | 210 | 17 | 54 | 1.1 | 764 | 882 | | | | |
| 2/1 | M | 3 | 1557 | 510 | 52,2 | 63,0 | 56,0 | 0.016 | 7.43 | <0.02 | 30.00 | 4.2 | 13 | 23 | 20 | 41 | 62 | 110 | 7.8 | 27 | <2 | 280 | <310 | | | | |
| 3/1 | M | 3 | 1411 | 520 | 35,0 | 63,1 | 52,0 | 0.0147 | 9.34 | <0.02 | 31.7 | 7.1 | 22 | 39 | 37 | 76 | 91 | 150 | 11 | 37 | <2 | 422 | <472 | | | | |
| 4/1 | F | 3 | 1459 | 535 | 30,8 | 54,0 | 43,0 | 0.0289 | 10.9 | <0.02 | 39.1 | 35 | 75 | 99 | 120 | 240 | 180 | 220 | 20 | 65 | <2 | 914 | <1056 | | | | |
| 5/1 | M | 2 | 1305 | 490 | 42,5 | 62,3 | 53,0 | 0.0081 | 14.1 | <0.02 | 29.5 | 27 | 45 | 71 | 100 | 200 | 130 | 180 | 15 | 46 | <2 | 699 | <816 | | | | |
| 6/1 | M | 3 | 1108 | 470 | 36,3 | 53,7 | 43,0 | 0.013 | 9.94 | <0.02 | 29.7 | 45 | 84 | 100 | 130 | 290 | 160 | 260 | 21 | 64 | <2 | 1003 | <1156 | | | | |
| 7/1 | F | 2 | 1133 | 470 | 27,6 | 50,4 | 38,0 | 0.0078 | 8.67 | <0.02 | 24.6 | 24 | 41 | 68 | 78 | 170 | 110 | 160 | 12 | 39 | <2 | 612 | <704 | | | | |
| 8/1 | F | 2 | 783 | 420 | 20,4 | 45,1 | 34,0 | 0.0169 | 4.58 | <0.02 | 27.0 | 13 | 30 | 64 | 63 | 130 | 140 | 170 | 12 | 34 | 4.5 | 581 | 661 | | | | |
| 9/1 | F | 2 | 829 | 445 | 9,3 | 23,8 | 8,5 | 0.0364 | 11.6 | 0.02 | 33.6 | 1.2 | 2.8 | 8.9 | 14 | 33 | 45 | 79 | 5.1 | 18 | <1 | 188 | <208 | | | | |
| 10/ | F | 2 | 738 | 430 | 7,2 | 23,0 | 7,0 | 0.0351 | 6.54 | 0.05 | 38.2 | 5.8 | 8.1 | 41 | 48 | 130 | 180 | 250 | 15 | 36 | 3.3 | 651 | 717 | | | | |
| 11/ | M | 2 | 818 | 415 | 48,1 | 70,8 | 66,0 | 0.0029 | 3.88 | <0.02 | 21.6 | 19 | 33 | 45 | 50 | 100 | 69 | 83 | 7.0 | 24 | <2 | 373 | <432 | | | | |
| 12/ | M | 1 | 753 | 420 | 29,2 | 62,7 | 53,0 | 0.0088 | 4.47 | <0.02 | 19.6 | 2.5 | 7.7 | 13 | 15 | 30 | 35 | 54 | 3.7 | 12 | <2 | 154 | <175 | | | | |
| 13/ | F | 1 | 735 | 390 | 29,5 | 63,6 | 57,0 | 0.0093 | 3.72 | <0.02 | 16.4 | 6.8 | 10 | 18 | 23 | 52 | 45 | 70 | 4.6 | 14 | <3 | 216 | <246 | | | | |
| 14/ | M | 1 | 668 | 380 | 24,7 | 65,3 | 61,0 | 0.0027 | 3.72 | <0.02 | 18.1 | 19 | 22 | 34 | 53 | 110 | 68 | 92 | 7.5 | 24 | <3 | 369 | <433 | | | | |
| 15/ | F | 1 | 637 | 375 | 23,1 | 67,3 | 61,0 | 0.0019 | 2.28 | <0.02 | 15.2 | 23 | 42 | 51 | 58 | 120 | 69 | 96 | 7.7 | 24 | <3 | 425 | <494 | | | | |
| 16/ | M | 2 | 690 | 380 | 25,3 | 47,8 | 38,0 | 0.012 | 1.73 | <0.02 | 19.3 | 15 | 14 | 28 | 51 | 130 | 110 | 170 | 9.3 | 24 | <2 | 491 | <553 | | | | |
| 17/ | M | 1 | 591 | 370 | 20,5 | 53,0 | 84,0 | 0.0057 | 3.75 | <0.02 | 19.7 | 34 | 47 | 91 | 100 | 220 | 150 | 210 | 14 | 47 | <3 | 799 | <916 | | | | |
| 18/ | M | 1 | 516 | 365 | 19,9 | 64,0 | 2,2 | 0.0049 | 1.72 | <0.02 | 17.1 | 0.97 | 1.5 | 2.8 | 2.8 | 5.9 | 4.0 | 5.7 | 0.42 | 1.3 | <0.2 | 22 | <26 | | | | |
| 19/ | F | 2 | 703 | 395 | 28,8 | 63,9 | 56,0 | 0.0079 | 2.56 | <0.02 | 15.2 | 24 | 48 | 64 | 57 | 120 | 78 | 100 | 7.8 | 24 | <2 | 458 | <525 | | | | |
| 20/ | M | 1 | 542 | 360 | 23,0 | 61,0 | 55,0 | 0.008 | 4.14 | <0.02 | 18.8 | 9.3 | 17 | 30 | 41 | 91 | 55 | 82 | 6.1 | 17 | <3 | 301 | <351 | | | | |
| 21/ | F | 2 | 497 | 370 | 5,7 | 25,6 | 8,5 | 0.0592 | 7.19 | 0.02 | 36.5 | 5.7 | 13 | 63 | 44 | 120 | 150 | 250 | 11 | 45 | 3.3 | 647 | 705 | | | | |
| 22/ | M | 1 | 544 | 355 | 27,9 | 62,7 | 56,0 | 0.001 | 2.97 | <0.02 | 15.8 | 14 | 19 | 29 | 44 | 94 | 51 | 74 | 6.1 | 18 | <3 | 299 | <352 | | | | |
| 23/ | F | 1 | 628 | 385 | 25,3 | 64,5 | 58,0 | 0.0093 | 4.66 | <0.02 | 22.0 | 19 | 24 | 44 | 69 | 140 | 86 | 120 | 9.7 | 29 | <3 | 462 | <544 | | | | |
| 24/ | F | 1 | 549 | 360 | 27,4 | 68,0 | 60,0 | 0.001 | 6.37 | <0.02 | 20.6 | 20 | 23 | 44 | 66 | 160 | 7.0 | 110 | 8.9 | 26 | <3 | 390 | <468 | | | | |
| 25/ | M | 1 | 544 | 360 | 21,9 | 65,6 | 61,0 | 0.001 | 2.55 | <0.02 | 12.9 | 22 | 37 | 46 | 52 | 110 | 61 | 83 | 6.9 | 21 | <3 | 380 | <442 | | | | |
| Mean | | 2 | 843 | 420 | 26,9 | 55,3 | 45,4 | 0,01 | 6,14 | <<0.02 | 24,1 | 16,7 | 28,8 | 47,7 | 57,4 | 124,9 | 91,4 | 135,5 | 9,9 | 30,8 | <<2.4 | 476 | <<546 | | | | |
| Minimum | | 1 | 497 | 355 | 5,7 | 23,0 | 2,2 | 0,00 | 1,72 | <0.02 | 12,9 | 1,0 | 1,5 | 2,8 | 2,8 | 5,9 | 4,0 | 5,7 | 0,4 | 1,3 | <0.2 | 22 | <26 | | | | |
| Maximum | | 3 | 1557 | 535 | 52,2 | 70,8 | 84,0 | 0,06 | 14,60 | 0,05 | 39,1 | 45,0 | 84,0 | 100,0 | 130,0 | 290,0 | 180,0 | 260,0 | 21,0 | 65,0 | 4,5 | 1003 | <1156 | | | | |
| St.Dev | | 1 | 333 | 60 | 11,0 | 14,1 | 21,0 | 0,01 | 3,79 | ~0.01 | 7,8 | 11,4 | 20,9 | 27,0 | 32,8 | 69,4 | 51,6 | 69,1 | 5,0 | 15,9 | ~0.9 | 242 | ~277 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|-------|--------|-------|-------|-------|-------|-------|------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 3 | 1339 | 530 | 11 | 83.0 | <1 | <1 | <1.0 | 2.7 | <0.5 | 4.4 |
| 2/1 | M | 3 | 1557 | 510 | 7.5 | 47.5 | <2 | <2 | <2.0 | 9.2 | <1 | 1.1 |
| 3/1 | M | 3 | 1411 | 520 | 11 | 85.0 | <2 | <2 | <2.0 | 10 | <1 | 2.2 |
| 4/1 | F | 3 | 1459 | 535 | 19 | 105.0 | <2 | <2 | <2.0 | 11 | <1 | 7.4 |
| 5/1 | M | 2 | 1305 | 490 | 8.3 | 69.3 | <2 | <2 | <2.0 | 4.3 | <1 | 4.7 |
| 6/1 | M | 3 | 1108 | 470 | 9.7 | 91.7 | <2 | <2 | <2.0 | 4.5 | <1 | 5.2 |
| 7/1 | F | 2 | 1133 | 470 | 6.3 | 51.3 | <2 | <2 | <2.0 | 3.3 | <1 | 3.6 |
| 8/1 | F | 2 | 783 | 420 | 14 | 76.0 | <2 | <2 | <2.0 | 3.8 | <1 | 3.0 |
| 9/1 | F | 2 | 829 | 445 | 6.0 | 47.0 | <1 | <1 | <1.0 | 1.3 | <0.5 | <1 |
| 10/ | F | 2 | 738 | 430 | 6.8 | 51.8 | <1 | <1 | <1.0 | 0.76 | <0.5 | 1.1 |
| 11/ | M | 2 | 818 | 415 | 4.8 | 29.8 | <2 | 2.3 | <4.3 | 5.1 | <1 | 3.1 |
| 12/ | M | 1 | 753 | 420 | 3.3 | 26.3 | <2 | <2 | <2.0 | 4.6 | <1 | <1 |
| 13/ | F | 1 | 735 | 390 | <5 | <31.0 | <3 | <3 | <3.0 | 4.1 | <1.5 | <1.5 |
| 14/ | M | 1 | 668 | 380 | <5 | <33.0 | <3 | <3 | <3.0 | 3.2 | <1.5 | miss |
| 15/ | F | 1 | 637 | 375 | <5 | <37.0 | <3 | <3 | <3.0 | 3.3 | <1.5 | miss |
| 16/ | M | 2 | 690 | 380 | <3 | <32.0 | <2 | <2 | <2.0 | 2.0 | <1 | miss |
| 17/ | M | 1 | 591 | 370 | 8.9 | 65.9 | <3 | <3 | <3.0 | 5.7 | <1.5 | miss |
| 18/ | M | 1 | 516 | 365 | <0.5 | <2.4 | <0.2 | <0.2 | <0.2 | 0.15 | <0.1 | miss |
| 19/ | F | 2 | 703 | 395 | 4.8 | 36.8 | <2 | <2 | <2.0 | 3.3 | <1 | miss |
| 20/ | M | 1 | 542 | 360 | <5 | <24.0 | <3 | <3 | <3.0 | 3.3 | <1.5 | miss |
| 21/ | F | 2 | 497 | 370 | 21 | 221.0 | <0.5 | <0.5 | <0.5 | 1.4 | <0.3 | miss |
| 22/ | M | 1 | 544 | 355 | <5 | <23.0 | <3 | <3 | <3.0 | 3.0 | <1.5 | miss |
| 23/ | F | 1 | 628 | 385 | <5 | <36.0 | <3 | <3 | <3.0 | 3.0 | <1.5 | miss |
| 24/ | F | 1 | 549 | 360 | <5 | <33.0 | <3 | <3 | <3.0 | 3.4 | <1.5 | miss |
| 25/ | M | 1 | 544 | 360 | <5 | <32.0 | <3 | <3 | <3.0 | 3.5 | <1.5 | miss |
| Mean | 2 | 843 | 420 | <<7.4 | <<54.8 | <<2.1 | <<2.1 | <<2.2 | 4,0 | <<1.1 | <3.0 | |
| Minimum | 1 | 497 | 355 | <0.5 | <2.4 | <0.2 | <0.2 | <0.2 | 0,2 | <0.1 | <1.0 | |
| Maximum | 3 | 1557 | 535 | 21,0 | 221,0 | <3.0 | <3.0 | <4.3 | 11,0 | <1.5 | 7,4 | |
| St.Dev | 1 | 333 | 60 | ~4.8 | ~42.7 | ~0.8 | ~0.8 | ~1.0 | 2,6 | ~0.4 | ~2.0 | |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 13 |

miss(12) ! Missing value

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Comments

Station: Færder Sampling date is from 1.-6.oct.2003

sample no.

- 1 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour:red yellow
- 2 Age uncertain Liver colour : yellow
- 3 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:yellow red
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red yellow
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:yellow red
- 7 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 8 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 9 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red brown
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red brown
- 11 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red yellow
- 14 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 15 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow red
- 16 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour : red yellow
- 17 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 18 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 19 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow
- 20 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 21 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 22 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 23 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 24 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow
- 25 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: red yellow

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20041015** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngt | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 1 | 545 | 360 | 19,2 | 62,7 | 58,0 | 0.004 | 2.48 | <0.02 | 14.0 | 21 | 22 | 51 | 75 | 160 | 84 | 110 | 7.2 | 29 | <1.4 | 477 | <561 | | | | |
| 2/1 | M | 1 | 590 | 380 | 30,5 | 63,0 | 57,0 | 0.0021 | 3.43 | <0.02 | 15.4 | 17 | 21 | 46 | 46 | 94 | 59 | 76 | 4.6 | 18 | <1.2 | 331 | <383 | | | | |
| 3/1 | F | 1 | 676 | 380 | 28,2 | 62,7 | 57,0 | 0.0025 | 3.64 | <0.02 | 12.3 | 14 | 10 | 38 | 47 | 97 | 57 | 73 | 4.7 | 16 | <1.4 | 305 | <358 | | | | |
| 4/1 | M | 1 | 540 | 370 | 14,2 | 59,1 | 51,0 | 0.016 | 2.36 | <0.02 | 16.1 | 8.0 | s2.7 | 26 | 40 | 86 | 67 | 94 | 4.9 | 21 | <1.4 | s305 | s<351 | | | | |
| 5/1 | F | 1 | 613 | 390 | 19,8 | 51,7 | 47,0 | 0.005 | 4.99 | <0.02 | 16.7 | 15 | s15 | 40 | 59 | 120 | 70 | 94 | 6.9 | 24 | <1.2 | s378 | s<445 | | | | |
| 6/1 | F | 1 | 654 | 400 | 22,1 | 59,6 | 55,0 | 0.0041 | 6.46 | <0.02 | 22.4 | 19 | s21 | 50 | 54 | 110 | 67 | 82 | 4.9 | 20 | <1.4 | s369 | s<429 | | | | |
| 7/1 | M | 1 | 727 | 400 | 26,2 | 64,4 | 57,0 | 0.0041 | 2.80 | <0.02 | 17.0 | 22 | s21 | 63 | 80 | 160 | 100 | 150 | 8.2 | 32 | <1.4 | s548 | s<638 | | | | |
| 8/1 | F | 1 | 703 | 400 | 13,8 | 58,0 | 50,0 | 0.0052 | 2.06 | <0.02 | 14.5 | 16 | s7.6 | 26 | 68 | 130 | 82 | 110 | 6.9 | 29 | <1.2 | s401 | s<477 | | | | |
| 9/1 | M | 1 | 733 | 410 | 18,8 | 55,7 | 47,0 | 0.0056 | 2.87 | <0.02 | 15.3 | 16 | s14 | 37 | 72 | 150 | 95 | 140 | 8.1 | 31 | <1.4 | s483 | s<565 | | | | |
| 10/ | F | 1 | 701 | 410 | 18,9 | 55,7 | 51,0 | 0.0067 | 3.41 | <0.02 | 18.3 | 15 | s14 | 43 | 63 | 120 | 84 | 110 | 6.1 | 26 | <1.4 | s412 | s<483 | | | | |
| 11/ | M | 1 | 722 | 400 | 23,3 | 60,9 | 57,0 | 0.0029 | 4.48 | <0.02 | 18.4 | 16 | s15 | 51 | 76 | 180 | 140 | 200 | 13 | 47 | <1.4 | s649 | s<739 | | | | |
| 12/ | M | 2 | 617 | 400 | 18,0 | 53,4 | 46,0 | 0.012 | 3.68 | <0.02 | 18.0 | 16 | s9.3 | 30 | 79 | 170 | 160 | 210 | 12 | 45 | 3.2 | s640 | s735 | | | | |
| 13/ | M | 2 | 630 | 400 | 12,5 | 51,9 | 40,0 | 0.014 | 2.85 | <0.02 | 17.2 | 16 | 21 | 53 | 72 | 140 | 110 | 160 | 9.2 | 35 | 1.7 | 535 | 618 | | | | |
| 14/ | M | 2 | 706 | 400 | 21,3 | 57,5 | 51,0 | 0.0059 | 6.96 | <0.02 | 18.3 | 24 | 30 | 80 | 100 | 190 | 130 | 170 | 10 | 37 | <1.2 | 661 | <772 | | | | |
| 15/ | F | 2 | 637 | 440 | 7,8 | 34,5 | 16,0 | 0.0276 | 5.19 | <0.02 | 30.00 | 8.0 | 11 | 31 | 85 | 200 | 160 | 240 | 13 | 52 | 0.74 | 702 | 801 | | | | |
| 16/ | F | 2 | 896 | 430 | 30,1 | 62,8 | 54,0 | 0.0026 | 5.10 | <0.02 | 13.1 | 5.8 | 10 | 16 | 29 | 56 | 39 | 53 | 3.0 | 11 | <1.2 | 191 | <224 | | | | |
| 17/ | M | 2 | 750 | 420 | 9,5 | 34,1 | 16,0 | 0.012 | 4.06 | <0.02 | 22.5 | 1.7 | s1.8 | 17 | 34 | 110 | 160 | 230 | 11 | 39 | 1.9 | s560 | s606 | | | | |
| 18/ | F | 1 | 869 | 450 | 15,0 | 49,4 | 32,0 | 0.0079 | 4.21 | <0.02 | 23.1 | 17 | s30 | 56 | 93 | 200 | 110 | 160 | 10 | 37 | <0.8 | s610 | s<714 | | | | |
| 19/ | F | 2 | 865 | 460 | 15,1 | 37,5 | 18,0 | 0.0066 | 16.2 | <0.02 | 30.4 | 16 | 20 | 54 | 120 | 250 | 140 | 190 | 14 | 49 | <0.6 | 719 | <854 | | | | |
| 20/ | F | 2 | 818 | 470 | 12,3 | 43,0 | 27,0 | 0.0093 | 5.99 | <0.02 | 27.7 | 32 | s27 | 50 | 120 | 280 | 170 | 260 | 17 | 66 | <0.8 | s885 | s<1023 | | | | |
| 21/ | F | 2 | 1021 | 470 | 21,8 | 57,0 | 44,0 | 0.019 | 11.3 | <0.02 | 30.1 | 2.2 | 5.0 | 23 | 14 | 33 | 48 | 98 | 4.3 | 19 | <1.0 | 228 | <248 | | | | |
| 22/ | F | 2 | 981 | 470 | 31,7 | 60,8 | 52,0 | 0.0076 | 13.3 | <0.02 | 20.9 | 17 | 20 | 37 | 83 | 160 | 84 | 140 | 9.4 | 34 | <1.2 | 492 | <586 | | | | |
| 23/ | M | 2 | 1149 | 490 | 25,9 | 48,9 | 38,0 | 0.0072 | 3.69 | <0.02 | 20.00 | 12 | 16 | 32 | 100 | 210 | 150 | 210 | 12 | 44 | 0.84 | 674 | 787 | | | | |
| 24/ | M | 2 | 1143 | 510 | 22,7 | 31,6 | 21,0 | 0.0067 | 19.1 | <0.02 | 27.3 | 28 | 38 | 110 | 140 | 310 | 200 | 290 | 16 | 64 | 1.0 | 1040 | 1197 | | | | |
| 25/ | F | 2 | 1249 | 550 | 16,0 | 35,3 | 18,0 | 0.0312 | 5.11 | <0.02 | 26.4 | 24 | 6.5 | 33 | 140 | 340 | 260 | 400 | 22 | 87 | 2.3 | 1151 | 1315 | | | | |
| Mean | | 2 | 781 | 426 | 19,8 | 52,4 | 42,4 | 0,01 | 5,83 | <<0.02 | 20,2 | 15,9 | 17,7 | 43,7 | 75,6 | 162,2 | 113,0 | 162,0 | 9,5 | 36,5 | <<1.3 | 577 | <<670 | | | | |
| Minimum | | 1 | 540 | 360 | 7,8 | 31,6 | 16,0 | 0,00 | 2,06 | <0.02 | 12,3 | 1,7 | 5,0 | 16,0 | 14,0 | 33,0 | 39,0 | 53,0 | 3,0 | 11,0 | <0.6 | 191 | <224 | | | | |
| Maximum | | 2 | 1249 | 550 | 31,7 | 64,4 | 58,0 | 0,03 | 19,10 | <0.02 | 30,4 | 32,0 | 38,0 | 110,0 | 140,0 | 340,0 | 260,0 | 400,0 | 22,0 | 87,0 | 3,2 | 1151 | 1315 | | | | |
| St.Dev | | 1 | 195 | 47 | 6,6 | 10,5 | 14,8 | 0,01 | 4,43 | ~0.00 | 5,6 | 7,2 | 9,4 | 20,3 | 32,6 | 74,9 | 53,2 | 80,7 | 4,6 | 17,7 | ~0.5 | 292 | ~335 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 13 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 13 | 13 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 1 | 545 | 360 | 4.7 | 34.7 | <1.4 | 1.6 | <3.0 | 4.0 | <0.7 | 2.1 |
| 2/1 | M | 1 | 590 | 380 | 4.0 | 27.0 | 1.4 | 1.6 | 3.0 | 3.7 | <1.6 | 2.0 |
| 3/1 | F | 1 | 676 | 380 | 4.0 | 31.0 | 1.4 | 1.7 | 3.1 | 3.2 | <0.7 | 1.5 |
| 4/1 | M | 1 | 540 | 370 | 3.2 | 32.2 | <1.4 | <1.4 | <1.4 | 5.6 | <0.7 | 3.7 |
| 5/1 | F | 1 | 613 | 390 | 3.3 | 26.3 | 1.4 | 1.4 | 2.8 | 4.6 | <1.6 | 4.7 |
| 6/1 | F | 1 | 654 | 400 | 4.5 | 31.5 | 1.6 | 1.6 | 3.2 | 5.7 | <0.7 | 5.9 |
| 7/1 | M | 1 | 727 | 400 | 6.1 | 45.1 | 1.5 | 1.6 | 3.1 | 4.3 | <0.7 | 2.5 |
| 8/1 | F | 1 | 703 | 400 | 2.7 | 24.7 | <1.2 | <1.2 | <1.2 | 3.1 | <1.6 | 4.7 |
| 9/1 | M | 1 | 733 | 410 | 5.5 | 38.5 | <1.4 | <1.4 | <1.4 | 3.5 | <0.7 | 1.8 |
| 10/ | F | 1 | 701 | 410 | 4.3 | 38.3 | <1.4 | 1.5 | <2.9 | 5.1 | <0.7 | 4.6 |
| 11/ | M | 1 | 722 | 400 | 2.6 | 24.6 | <1.4 | 1.6 | <3.0 | 4.1 | <0.7 | 1.9 |
| 12/ | M | 2 | 617 | 400 | 4.1 | 42.1 | 1.2 | 1.3 | 2.5 | 3.2 | <1.6 | 1.7 |
| 13/ | M | 2 | 630 | 400 | 9.2 | 82.2 | 1.0 | 1.0 | 2.0 | 4.0 | <0.4 | 2.9 |
| 14/ | M | 2 | 706 | 400 | 7.6 | 56.6 | 1.3 | 1.4 | 2.7 | 4.6 | <0.6 | 4.0 |
| 15/ | F | 2 | 637 | 440 | 9.0 | 79.0 | <0.6 | <0.6 | <0.6 | 2.3 | <0.3 | 1.2 |
| 16/ | F | 2 | 896 | 430 | <1.8 | <15.8 | <1.2 | <1.2 | <1.2 | 1.8 | <0.6 | <1.2 |
| 17/ | M | 2 | 750 | 420 | 5.3 | 69.3 | <0.4 | <0.4 | <0.4 | 1.9 | ±0.22 | 0.96 |
| 18/ | F | 1 | 869 | 450 | 5.2 | 38.2 | 0.86 | 0.87 | 1.7 | 3.9 | <0.4 | 2.6 |
| 19/ | F | 2 | 865 | 460 | 5.9 | 56.9 | <0.6 | <0.6 | <0.6 | 3.3 | <0.3 | 2.4 |
| 20/ | F | 2 | 818 | 470 | 3.5 | 36.5 | <0.8 | 0.80 | <1.6 | 2.7 | <0.4 | 2.6 |
| 21/ | F | 2 | 1021 | 470 | 6.9 | 41.9 | 1.1 | 1.3 | 2.4 | 5.7 | <0.5 | <1.0 |
| 22/ | F | 2 | 981 | 470 | 7.2 | 45.2 | 1.3 | 1.5 | 2.8 | 7.1 | <0.6 | 2.2 |
| 23/ | M | 2 | 1149 | 490 | 6.8 | 59.8 | 1.0 | 1.1 | 2.1 | 4.2 | <0.4 | 1.5 |
| 24/ | M | 2 | 1143 | 510 | 12 | 92.0 | 0.65 | <0.6 | <1.3 | 3.0 | <0.3 | 4.1 |
| 25/ | F | 2 | 1249 | 550 | 12 | 101.0 | <0.6 | <0.6 | <0.6 | 4.5 | <0.3 | 2.9 |
| Mean | | 2 | 781 | 426 | <5.7 | <46.8 | <<1.1 | <<1.2 | <<2.0 | 4,0 | <<0.7 | <2.7 |
| Minimum | | 1 | 540 | 360 | <1.8 | <15.8 | <0.4 | <0.4 | <0.4 | 1,8 | <0.3 | 1,0 |
| Maximum | | 2 | 1249 | 550 | 12,0 | 101,0 | 1,6 | 1,7 | 3,2 | 7,1 | <1.6 | 5,9 |
| St.Dev | | 1 | 195 | 47 | ~2.7 | ~22.5 | ~0.3 | ~0.4 | ~0.9 | 1,3 | ~0.4 | ~1.3 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 |

s/q(37) ! Suspect value

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Comments

Station: Færder Fished in october 2004

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: yellow red
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: yellow red
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: yellow red
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: yellow red
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: yellow red
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: red yellow
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white red
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white red
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: red yellow
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: red brown
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white red
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: red white
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: white red
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: red brown
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36B Færder area** Latitude: 59°2.430N Longitude: 10°26.148E
 Catch,date : **20051028** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngt | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 1183 | 512 | 14,6 | 19,0 | 3,8 | 0.0802 | 21.2 | <0.02 | 58.2 | 1.3 | 2.0 | 5.8 | 12 | 25 | 26 | 46 | s2.5 | 10 | <0.8 | 116 | s<131 | | | | | | |
| 2/1 | F | 2 | 1258 | 520 | 20,7 | 46,0 | 35,3 | 0.012 | 2.06 | <0.02 | 21.8 | 22 | 49 | 140 | 140 | 280 | 270 | 390 | s21 | 81 | 1.7 | 1232 | s1395 | | | | | | |
| 3/1 | M | 5 | 1599 | 575 | 31,5 | 34,0 | 21,7 | 0.0983 | 8.68 | <0.02 | 33.2 | 3.7 | 6.3 | 29 | 56 | 130 | 190 | 340 | s15 | 66 | 8.1 | 765 | s844 | | | | | | |
| 4/1 | M | 3 | 1394 | 520 | 6,5 | 13,0 | 2,5 | 0.0686 | 8.16 | 0.057 | 36.5 | <0.4 | 0.60 | 2.6 | 5.2 | 12 | 21 | 41 | s1.8 | 7.7 | <0.8 | <85 | s<93 | | | | | | |
| 5/1 | M | 3 | 1231 | 550 | 13,2 | 36,0 | 19,3 | 0.0309 | 25.4 | <0.02 | 48.4 | 24 | 46 | 180 | 170 | 400 | 340 | 670 | s24 | 100 | 2.0 | 1760 | s1956 | | | | | | |
| 6/1 | F | 2 | 1227 | 510 | 14,7 | 22,0 | 6,4 | 0.017 | 12.0 | <0.02 | 43.0 | 21 | 41 | 150 | 150 | s510 | s410 | s590 | s29 | 92 | 0.84 | s1814 | s1994 | | | | | | |
| 7/1 | F | 3 | 1395 | 535 | 23,2 | 46,0 | 38,0 | 0.0256 | 17.4 | <0.02 | 24.5 | 4.5 | 13 | 37 | 61 | 120 | 120 | 190 | s9.0 | 38 | 0.64 | 523 | s593 | | | | | | |
| 8/1 | M | 2 | 989 | 430 | 27,4 | 55,0 | 44,9 | 0.0091 | 7.72 | <0.02 | 22.3 | 20 | 16 | 44 | 150 | 280 | 170 | 240 | s14 | 51 | 0.64 | 821 | s986 | | | | | | |
| 9/1 | M | 2 | 1252 | 505 | 13,3 | 32,0 | 15,8 | 0.118 | 17.2 | <0.02 | 58.8 | 3.5 | 9.7 | 27 | 23 | 51 | 92 | 230 | s9.5 | 48 | 1.4 | 461 | s495 | | | | | | |
| 10/ | M | 2 | 1057 | 440 | 47,0 | 60,0 | 52,2 | 0.006 | 5.17 | <0.02 | 17.4 | 23 | 36 | 78 | 87 | 180 | 120 | 180 | s9.6 | 35 | 0.68 | 652 | s749 | | | | | | |
| 11/ | F | 2 | 1140 | 515 | 16,5 | 22,0 | 7,5 | 0.065 | 6.37 | <0.02 | 33.7 | 2.3 | 3.8 | 12 | 19 | 42 | 69 | 150 | s6.3 | 28 | 0.48 | 307 | s333 | | | | | | |
| 12/ | F | 2 | 1016 | 505 | 13,2 | 23,0 | 9,6 | 0.055 | 1.97 | <0.02 | 24.8 | 1.7 | 4.5 | 11 | 34 | 72 | 57 | 100 | s6.0 | 24 | 0.38 | 270 | s311 | | | | | | |
| 13/ | F | 2 | 901 | 455 | 13,2 | 36,0 | 11,3 | 0.027 | 1.56 | <0.02 | 11.8 | 5.5 | 14 | 46 | 44 | 110 | 110 | 180 | s9.7 | 36 | <1 | 502 | s<556 | | | | | | |
| 14/ | F | 4 | 835 | 435 | 18,5 | 50,0 | 47,0 | 0.013 | 7.79 | <0.02 | 19.5 | 18 | 34 | 79 | 100 | 200 | 160 | 240 | 13 | 45 | 1.1 | 776 | 890 | | | | | | |
| 15/ | F | 2 | 875 | 480 | 12,6 | 33,0 | 18,0 | 0.018 | 14.9 | <0.02 | 31.7 | 9.3 | 14 | 36 | 77 | 150 | 110 | 200 | 11 | 42 | <0.8 | 561 | <650 | | | | | | |
| 16/ | F | 2 | 959 | 473 | 20,6 | 49,0 | 41,0 | 0.098 | 5.20 | <0.02 | 24.0 | 1.5 | 7.2 | 22 | 22 | 50 | 74 | 140 | 6.5 | 24 | <0.8 | 319 | <348 | | | | | | |
| 17/ | F | 2 | 974 | 470 | 20,5 | 43,0 | 31,0 | 0.028 | 7.44 | <0.02 | 24.1 | 5.4 | 9.8 | 29 | 83 | 160 | 150 | 260 | 16 | 58 | <0.8 | 672 | <772 | | | | | | |
| 18/ | M | 2 | 678 | 400 | 15,7 | 43,0 | 33,0 | 0.012 | 3.98 | <0.02 | 19.3 | 13 | 19 | 42 | 80 | 160 | 110 | 180 | 10 | 40 | <0.8 | 564 | <655 | | | | | | |
| 19/ | F | 2 | 974 | 460 | 16,4 | 56,0 | 39,0 | 0.039 | 4.40 | <0.02 | 24.1 | 11 | 39 | 140 | 76 | 190 | 260 | 360 | s17 | 54 | 1.8 | 1054 | s1149 | | | | | | |
| 20/ | M | 1 | 712 | 385 | 25,4 | 58,0 | 49,0 | 0.012 | 1.64 | <0.02 | 14.0 | 2.7 | 5.5 | 14 | 21 | 45 | 47 | 88 | 4.2 | 15 | <0.8 | 217 | <243 | | | | | | |
| 21/ | F | 2 | 658 | 415 | 15,8 | 57,0 | 46,0 | 0.074 | 11.8 | <0.02 | 31.2 | 2.9 | 5.6 | 13 | 15 | 36 | 51 | 91 | s4.2 | 15 | <0.8 | 215 | s<235 | | | | | | |
| 22/ | M | 2 | 556 | 400 | 12,7 | 51,0 | 38,0 | 0.029 | 4.28 | <0.02 | 24.4 | 11 | 27 | 120 | 110 | 270 | 250 | 370 | s19 | 62 | 0.92 | 1110 | s1240 | | | | | | |
| 23/ | M | 2 | 878 | 435 | 22,8 | 50,0 | 40,0 | 0.007 | 3.65 | <0.02 | 17.6 | 13 | 13 | 30 | 59 | 130 | 92 | 150 | s7.6 | 29 | <0.8 | 457 | s<524 | | | | | | |
| 24/ | M | 2 | 661 | 425 | 6,7 | 38,0 | 22,0 | 0.041 | 15.8 | <0.02 | 40.4 | 19 | 23 | 72 | 170 | 350 | 210 | 370 | s20 | 73 | 1.1 | 1117 | s1308 | | | | | | |
| 25/ | F | 2 | 752 | 428 | 12,5 | 37,0 | 25,0 | 0.120 | 21.5 | <0.02 | 40.3 | 2.1 | 5.1 | 12 | 44 | 100 | 100 | 180 | s12 | 39 | <0.8 | 438 | s<495 | | | | | | |
| Mean | | 2 | 1006 | 471 | 18,2 | 40,4 | 27,9 | 0,04 | 9,49 | <<0.02 | 29,8 | <9.7 | 17,8 | 54,9 | 72,3 | 147,6 | 133,3 | 224,4 | 10,1 | 44,5 | <<1.2 | <625 | <<593 | | | | | | |
| Minimum | | 1 | 556 | 385 | 6,5 | 13,0 | 2,5 | 0,01 | 1,56 | <0.02 | 11,8 | <0.4 | 0,6 | 2,6 | 5,2 | 12,0 | 21,0 | 41,0 | 4,2 | 7,7 | 0,4 | <85 | <243 | | | | | | |
| Maximum | | 5 | 1599 | 575 | 47,0 | 60,0 | 52,2 | 0,12 | 25,40 | 0,06 | 58,8 | 24,0 | 49,0 | 180,0 | 170,0 | 400,0 | 340,0 | 670,0 | 16,0 | 100,0 | 8,1 | 1760 | 890 | | | | | | |
| St.Dev | | 1 | 267 | 52 | 8,4 | 13,4 | 15,6 | 0,04 | 6,92 | ~0.01 | 12,7 | ~8.1 | 14,9 | 51,6 | 51,6 | 105,9 | 83,6 | 139,4 | 4,3 | 24,6 | ~1.5 | ~403 | ~249 | | | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 6 | 25 | 25 | 24 | 6 | | | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|-------|-------|-------|--------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 1183 | 512 | <1 | 4.4 | <16.4 | <0.8 | <0.8 | <0.8 | 4.1 | <0.4 | 0.41 |
| 2/1 | F | 2 | 1258 | 520 | 34 | 25 | 239.0 | 0.90 | 1.0 | 1.9 | 5.3 | 0.33 | 8.2 |
| 3/1 | M | 5 | 1599 | 575 | s7.9 | 16 | 161.9 | 0.53 | 0.55 | 1.1 | 3.0 | <0.2 | 3.6 |
| 4/1 | M | 3 | 1394 | 520 | <1 | 1.2 | <11.8 | <0.8 | <0.08 | <0.8 | 0.29 | <0.4 | <0.4 |
| 5/1 | M | 3 | 1231 | 550 | s7.8 | 8.7 | s136.5 | 0.62 | 0.59 | 1.2 | 2.2 | 0.21 | 5.9 |
| 6/1 | F | 2 | 1227 | 510 | <2 | 3.2 | <38.2 | <0.4 | <0.4 | <0.4 | 0.81 | <0.2 | 7.3 |
| 7/1 | F | 3 | 1395 | 535 | 13 | 5.3 | 73.3 | 0.98 | 1.2 | 2.2 | 2.8 | <0.3 | 2.6 |
| 8/1 | M | 2 | 989 | 430 | 13 | 6.5 | 68.5 | 1.2 | 1.2 | 2.4 | 2.8 | 0.28 | 4.0 |
| 9/1 | M | 2 | 1252 | 505 | s8.3 | 13 | 73.3 | <0.6 | <0.6 | <0.6 | 3.3 | <0.3 | 1.6 |
| 10/ | M | 2 | 1057 | 440 | s13 | 10 | s71.0 | 1.4 | 1.5 | 2.9 | 3.4 | 0.36 | 5.5 |
| 11/ | F | 2 | 1140 | 515 | 3.3 | 6.5 | 43.8 | 0.17 | 0.17 | 0.3 | 0.98 | <0.06 | 0.65 |
| 12/ | F | 2 | 1016 | 505 | s3.0 | 3.2 | s31.2 | 0.22 | <0.4 | <0.6 | 1.1 | <0.07 | 0.92 |
| 13/ | F | 2 | 901 | 455 | <3 | 6.6 | <35.6 | <1 | <1 | <1.0 | 2.8 | <0.5 | 2.8 |
| 14/ | F | 4 | 835 | 435 | 16 | 10 | 94.0 | 1.2 | 1.4 | 2.6 | 7.0 | <0.4 | miss |
| 15/ | F | 2 | 875 | 480 | 2.2 | 4.1 | 42.3 | <0.8 | <0.8 | <0.8 | 1.9 | <0.4 | miss |
| 16/ | F | 2 | 959 | 473 | 7.7 | 5.4 | 53.1 | 1.1 | 1.2 | 2.3 | 4.2 | <0.4 | 1.2 |
| 17/ | F | 2 | 974 | 470 | s2.6 | 1.9 | s38.5 | 0.84 | 0.84 | 1.7 | 3.6 | <0.4 | miss |
| 18/ | M | 2 | 678 | 400 | 5.6 | 3.1 | 44.7 | 0.90 | 0.92 | 1.8 | 2.9 | <0.4 | miss |
| 19/ | F | 2 | 974 | 460 | 60 | 43 | 333.0 | 1.1 | 1.2 | 2.3 | 10 | <0.4 | miss |
| 20/ | M | 1 | 712 | 385 | 5.8 | 3.8 | 39.6 | 1.3 | 1.3 | 2.6 | 4.2 | <0.4 | 0.97 |
| 21/ | F | 2 | 658 | 415 | 6.6 | 6.3 | 47.9 | 1.3 | 1.3 | 2.6 | 5.7 | <0.4 | <0.8 |
| 22/ | M | 2 | 556 | 400 | 27 | 17 | 184.0 | 1.0 | 1.1 | 2.1 | 4.7 | <0.4 | miss |
| 23/ | M | 2 | 878 | 435 | 6.8 | 4.9 | 62.7 | 1.1 | 1.1 | 2.2 | 3.0 | <0.4 | miss |
| 24/ | M | 2 | 661 | 425 | 7.8 | 7.8 | 107.6 | <0.8 | <0.8 | <0.8 | 3.5 | <0.4 | miss |
| 25/ | F | 2 | 752 | 428 | 5.0 | 5.0 | 41.0 | <0.8 | <0.8 | <0.8 | 3.9 | <0.4 | <0.8 |
| Mean | 2 | 1006 | 471 | <11.2 | 8,9 | <86.3 | <<0.9 | <<0.9 | <<1.6 | 3,5 | <<0.3 | <2.8 | |
| Minimum | 1 | 556 | 385 | <1.0 | 1,2 | <11.8 | 0,2 | <0.1 | 0,3 | 0,3 | <0.1 | <0.4 | |
| Maximum | 5 | 1599 | 575 | 60,0 | 43,0 | 333,0 | 1,4 | 1,5 | 2,9 | 10,0 | <0.5 | 8,2 | |
| St.Dev | 1 | 267 | 52 | ~13.9 | 8,9 | ~80.2 | ~0.3 | ~0.4 | ~0.8 | 2,1 | ~0.1 | ~2.5 | |
| Count | 25 | 25 | 25 | 21 | 25 | 21 | 25 | 25 | 25 | 25 | 25 | 25 | 17 |

miss(8) ! Missing value s/q(50) ! Suspect value

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Comments

Station: Færder

sample no.

- 1 Bacterial fin rot Signs of mechanical damage (e.g., net wounds)
Liver colour:red
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour:white red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour:red
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Bacterial fin rot
Liver colour:white
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Bacterial fin rot
Liver colour:white
- 9 Bacterial fin rot Lver colour: white
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:white
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white
- 13 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Bacterial fin rot Liver colour:white
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Bacterial fin rot
Liver colour: red
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:white
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Lver colour:white
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour:white
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:white
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Lver colour: white
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:white
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: white
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:white
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20061001** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | 0.01 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | % | % | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 2641 | 645 | 46,2 | 38,0 | 24,0 | 0.0317 | 24.7 | 0.024 | 49.7 | 23 | 41 | 130 | 170 | 400 | 290 | 530 | 24 | 110 | 1.4 | 1524 | 1719 | |
| 2/1 | F | 3 | 1415 | 533 | 24,0 | 46,0 | 32,0 | 0.022 | 16.3 | <0.02 | 43.9 | 23 | 47 | 120 | 150 | 330 | 240 | 360 | 19 | 78 | 1.0 | 1198 | 1368 | |
| 3/1 | F | 2 | 1177 | 515 | 26,3 | 39,0 | 27,0 | 0.011 | 8.51 | <0.02 | 27.6 | 38 | 96 | 190 | 260 | 530 | 29 | 290 | 23 | 78 | 2.0 | 1251 | 1536 | |
| 4/1 | F | 3 | 1570 | 562 | 40,7 | 49,0 | 40,0 | 0.0099 | 12.9 | <0.02 | 27.9 | 33 | 94 | 140 | 160 | 310 | 190 | 250 | 17 | 57 | <2.0 | 1074 | <1253 | |
| 5/1 | F | 3 | 1428 | 538 | 29,1 | 44,0 | 33,0 | 0.017 | 18.5 | <0.02 | 32.5 | 29 | 55 | 89 | 100 | 240 | 180 | 240 | 14 | 59 | <1.0 | 892 | <1007 | |
| 6/1 | F | 6 | 2232 | 605 | 69,3 | 59,0 | 52,0 | 0.0548 | 5.57 | <0.02 | 22.1 | 8.6 | 18 | 48 | 34 | 94 | 150 | 230 | 14 | 48 | 3.3 | 597 | 648 | |
| 7/1 | F | 3 | 1527 | 554 | 28,6 | 37,0 | 24,0 | 0.0363 | 5.77 | <0.02 | 27.0 | 19 | 82 | 310 | 320 | 680 | 810 | 1100 | 62 | 190 | 5.2 | 3191 | 3578 | |
| 8/1 | F | 3 | 1299 | 515 | 17,0 | 29,0 | 14,0 | 0.016 | 22.7 | <0.02 | 47.6 | 38 | 65 | 170 | 250 | 580 | 260 | 330 | 22 | 76 | <1.0 | 1519 | <1792 | |
| 9/1 | M | 3 | 1080 | 523 | 11,1 | 19,0 | 3,6 | 0.0263 | 28.7 | <0.02 | 43.7 | 2.6 | 2.9 | 13 | 32 | 74 | 48 | 67 | 4.3 | 16 | 0.25 | 224 | 260 | |
| 10/ | F | 3 | 829 | 482 | 8,4 | 15,0 | 2,0 | 0.0731 | 8.49 | 0.025 | 31.4 | 0.21 | 0.43 | 2.0 | 3.7 | 8.3 | 11 | 17 | 1.3 | 5.4 | 0.41 | 44 | 50 | |
| 11/ | M | 2 | 974 | 469 | 9,8 | 35,0 | 20,0 | 0.0389 | 11.5 | <0.02 | 41.7 | 17 | 29 | 77 | 130 | 310 | 220 | 360 | 20 | 81 | 1.2 | 1094 | 1245 | |
| 12/ | F | 3 | 1075 | 485 | 22,4 | 36,0 | 23,0 | 0.025 | 12.2 | <0.02 | 31.3 | 12 | 14 | 50 | 110 | 280 | 250 | 370 | 22 | 87 | 1.1 | 1063 | 1196 | |
| 13/ | F | 2 | 1110 | 462 | 41,2 | 56,0 | 49,0 | 0.0035 | 8.78 | <0.02 | 24.8 | 20 | 34 | 51 | 50 | 110 | 72 | 93 | 5.9 | 22 | <2.0 | 402 | <460 | |
| 14/ | F | 2 | 1018 | 460 | 9,1 | 17,0 | 3,1 | 0.011 | 4.67 | <0.02 | 35.0 | 3.5 | 3.9 | 18 | 37 | 83 | 62 | 97 | 4.2 | 21 | <0.5 | 288 | <330 | |
| 15/ | F | 2 | 822 | 440 | 3,9 | 20,0 | 2,6 | 0.0342 | 10.3 | <0.02 | 45.4 | 1.3 | 2.4 | 4.3 | 12 | 28 | 25 | 42 | 2.6 | 11 | <1.0 | 114 | <130 | |
| 16/ | M | 2 | 880 | 465 | 23,2 | 50,0 | 38,0 | 0.0084 | 12.9 | <0.02 | 28.1 | 46 | 77 | 110 | 150 | 320 | 220 | 300 | 16 | 67 | <1.0 | 1140 | <1307 | |
| 17/ | F | 2 | 781 | 437 | 16,5 | 36,0 | 23,0 | 0.023 | 1.88 | <0.02 | 23.5 | 4.0 | 9.1 | 23 | 44 | 110 | 100 | 190 | 9.8 | 42 | <1.0 | 478 | <533 | |
| 18/ | M | 2 | 837 | 480 | 3,7 | 22,0 | 6,2 | 0.0808 | 6.51 | 0.023 | 43.0 | 4.0 | 3.6 | 24 | 67 | 170 | 110 | 180 | 9.6 | 44 | <1.0 | 536 | <613 | |
| 19/ | M | 2 | 975 | 449 | 25,2 | 45,0 | 33,0 | 0.025 | 2.67 | <0.02 | 23.1 | 2.9 | 8.5 | 27 | 12 | 33 | 63 | 90 | 3.4 | 14 | <1.0 | 238 | <255 | |
| 20/ | M | 2 | 753 | 428 | 11,7 | 25,0 | 10,0 | 0.011 | 6.63 | <0.02 | 29.5 | 11 | 12 | 27 | 58 | 130 | 84 | 120 | 7.2 | 28 | <0.50 | 412 | <478 | |
| 21/ | F | 2 | 770 | 432 | 9,7 | 29,0 | 16,0 | 0.0248 | 3.31 | <0.02 | 28.7 | 8.8 | 8.7 | 64 | 390 | s1500 | s1800 | s2600 | 170 | 500 | <1.0 | s6482 | s<7043 | |
| 22/ | M | 2 | 774 | 450 | 19,7 | 61,0 | 51,0 | 0.014 | 4.57 | <0.02 | 20.4 | 13 | 22 | 59 | 67 | 150 | 120 | 180 | 12 | 42 | 1.0 | 586 | 666 | |
| 23/ | M | 2 | 628 | 425 | 11,9 | 19,0 | 7,5 | 0.117 | 2.08 | <0.02 | 24.1 | 1.3 | 3.2 | 7.3 | 13 | 31 | 34 | 61 | 3.6 | 17 | <0.50 | 155 | <172 | |
| 24/ | F | 2 | 718 | 428 | 12,6 | 38,0 | 24,0 | 0.0359 | 14.6 | <0.02 | 31.4 | 2.5 | 6.9 | 10 | 28 | 60 | 67 | 120 | 6.5 | 22 | <1.0 | 288 | <324 | |
| 25/ | M | 2 | 639 | 414 | 3,9 | 32,0 | 21,0 | 0.0291 | 5.13 | <0.02 | 48.0 | 12 | 12 | 29 | 100 | 240 | 170 | 280 | 14 | 61 | 1.0 | 804 | 919 | |
| Mean | | 3 | 1118 | 488 | 21,0 | 35,8 | 23,2 | 0,03 | 10,39 | <<0.02 | 33,3 | 14,9 | 29,9 | 71,7 | 109,9 | 220,9 | 158,5 | 245,7 | 20,3 | 71,1 | <<1.3 | 796 | <<910 | |
| Minimum | | 2 | 628 | 414 | 3,7 | 15,0 | 2,0 | 0,00 | 1,88 | <0.02 | 20,4 | 0,2 | 0,4 | 2,0 | 3,7 | 8,3 | 11,0 | 17,0 | 1,3 | 5,4 | 0,3 | 44 | 50 | |
| Maximum | | 6 | 2641 | 645 | 69,3 | 61,0 | 52,0 | 0,12 | 28,70 | 0,03 | 49,7 | 46,0 | 96,0 | 310,0 | 390,0 | 680,0 | 810,0 | 1100 | 170,0 | 500,0 | 5,2 | 3191 | 3578 | |
| St.Dev | | 1 | 484 | 60 | 15,5 | 13,3 | 15,2 | 0,03 | 7,23 | ~0.00 | 9,2 | 13,3 | 31,0 | 73,2 | 102,6 | 184,9 | 162,5 | 222,5 | 33,5 | 97,9 | ~1.0 | 681 | ~775 | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 24 | 24 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 2641 | 645 | 4.2 | 8.6 | 108.8 | 2.0 | <1.0 | <3.0 | 12 | <0.5 | 4.1 |
| 2/1 | F | 3 | 1415 | 533 | 7.4 | 11 | 104.4 | 1.9 | <1.0 | <2.9 | 2.4 | <0.5 | 3.9 |
| 3/1 | F | 2 | 1177 | 515 | 9.9 | 15 | 87.9 | 3.0 | <1.0 | <4.0 | 7.4 | 0.53 | <1.0 |
| 4/1 | F | 3 | 1570 | 562 | 14 | 13 | 88.0 | 2.4 | <2.0 | <4.4 | 4.3 | <1.0 | 8.5 |
| 5/1 | F | 3 | 1428 | 538 | 14 | 15 | 95.0 | 1.8 | <1.0 | <2.8 | 7.6 | <0.5 | 4.2 |
| 6/1 | F | 6 | 2232 | 605 | 27 | 24 | 211.0 | <2.0 | <2.0 | <2.0 | 16 | <1.0 | 2.8 |
| 7/1 | F | 3 | 1527 | 554 | 8.9 | 17 | 118.9 | 4.4 | <1.0 | <5.4 | 3.4 | <0.5 | 8.0 |
| 8/1 | F | 3 | 1299 | 515 | 4.2 | 19 | 101.2 | 3.3 | <1.0 | <4.3 | 3.5 | <0.5 | 8.2 |
| 9/1 | M | 3 | 1080 | 523 | <0.40 | 2.6 | <21.0 | 0.30 | <0.20 | <0.5 | 0.46 | <0.10 | 0.49 |
| 10/ | F | 3 | 829 | 482 | <0.40 | 0.43 | <5.2 | <0.20 | <0.20 | <0.2 | 0.13 | <0.10 | <0.20 |
| 11/ | M | 2 | 974 | 469 | 6.2 | 17 | 133.2 | 1.7 | <1.0 | <2.7 | 2.7 | <0.5 | 2.7 |
| 12/ | F | 3 | 1075 | 485 | 4.1 | 8.9 | 72.0 | 1.6 | <1.0 | <2.6 | 4.8 | <0.5 | 2.0 |
| 13/ | F | 2 | 1110 | 462 | 12 | 6.8 | 44.8 | <2.0 | <2.0 | <2.0 | 6.5 | <1.0 | 2.4 |
| 14/ | F | 2 | 1018 | 460 | <2.0 | 2.5 | <24.5 | <0.5 | <0.5 | <0.5 | <0.3 | <0.3 | 0.57 |
| 15/ | F | 2 | 822 | 440 | <4.0 | <2.0 | <9.6 | <1.0 | <1.0 | <1.0 | <0.5 | <0.5 | <1.0 |
| 16/ | M | 2 | 880 | 465 | 21 | 17 | 132.0 | <1.0 | <1.0 | <1.0 | 8.7 | <0.5 | <1.0 |
| 17/ | F | 2 | 781 | 437 | 6.5 | 6.9 | 49.4 | <1.0 | <1.0 | <1.0 | 4.3 | <0.5 | 1.2 |
| 18/ | M | 2 | 837 | 480 | <4.0 | <2.0 | <24.0 | <1.0 | <1.0 | <1.0 | 1.1 | <0.5 | 1.2 |
| 19/ | M | 2 | 975 | 449 | 17 | 12 | 93.0 | <1.0 | <1.0 | <1.0 | 6.2 | <0.5 | <1.0 |
| 20/ | M | 2 | 753 | 428 | 4.5 | 6.7 | 49.2 | <0.50 | <0.50 | <0.5 | 2.0 | <0.30 | 1.0 |
| 21/ | F | 2 | 770 | 432 | 5.7 | 3.7 | 55.4 | <1.0 | <1.0 | <1.0 | 1.6 | <0.5 | <1.0 |
| 22/ | M | 2 | 774 | 450 | 13 | 7.8 | 73.8 | <1.0 | <1.0 | <1.0 | 8.7 | 0.58 | 2.3 |
| 23/ | M | 2 | 628 | 425 | <2.0 | 1.2 | <10.6 | <0.50 | <0.50 | <0.5 | 1.3 | <0.30 | <0.50 |
| 24/ | F | 2 | 718 | 428 | <4.0 | 6.3 | <46.3 | <1.0 | <1.0 | <1.0 | 3.7 | <0.5 | <1.0 |
| 25/ | M | 2 | 639 | 414 | 6.3 | 7.8 | 80.1 | <1.0 | <1.0 | <1.0 | 2.8 | <0.5 | <1.0 |
| Mean | 3 | 1118 | 488 | <<8.0 | <9.4 | <<73.0 | <<1.5 | <<1.0 | <<1.9 | <4.5 | <<0.5 | <<2.5 | |
| Minimum | 2 | 628 | 414 | <0.4 | 0,4 | <5.2 | <0.2 | <0.2 | <0.2 | 0,1 | <0.1 | <0.2 | |
| Maximum | 6 | 2641 | 645 | 27,0 | 24,0 | 211,0 | 4,4 | <2.0 | <5.4 | 16,0 | <1.0 | 8,5 | |
| St.Dev | 1 | 484 | 60 | ~6.7 | ~6.4 | ~49.1 | ~1.0 | ~0.5 | ~1.5 | ~3.9 | ~0.2 | ~2.5 | |
| Count | 25 | 25 | 25 | 24 | 25 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

s/q(7) ! Suspect value

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Comments

Station: Færder area Fish sampled oct.2006

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 2 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 5 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 7 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods Liver colour: red yellow
- 9 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red
- 10 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red
- 11 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 13 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 18 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 19 Liver colour: white red
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: Yellow red
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: Yellow white
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20020926** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 2 | 844 | 440 | 10,4 | 39,0 | 26,8 | 0.0506 | 3.15 | 0.02 | 28.9 | 4.0 | 10 | 41 | 18 | 53 | 110 | 150 | 6.6 | 28 | 2.0 | 396 | 423 | | | | |
| 2/1 | M | 2 | 792 | 442 | 14,5 | 47,2 | 36,5 | 0.0285 | 2.70 | 0.03 | 22.4 | 3.0 | 8.2 | 24 | 12 | 36 | 77 | 110 | 5.1 | 21 | <1.6 | 279 | <298 | | | | |
| 3/1 | F | 2 | 692 | 425 | 15,9 | 46,3 | 33,7 | 0.0259 | 4.81 | 0.01 | 24.3 | 1.8 | miss | 11 | 10 | 28 | 63 | 94 | 4.1 | 18 | <1.6 | 216 | <232 | | | | |
| 4/1 | M | 2 | 1004 | 468 | 27,1 | 51,5 | 41,6 | 0.0223 | 1.36 | 0.01 | 18.2 | 2.7 | 8.0 | 22 | 10 | 31 | 66 | 93 | 4.0 | 18 | <1.6 | 241 | <256 | | | | |
| 5/1 | F | 2 | 1108 | 470 | 30,3 | 62,9 | 54,9 | 0.014 | 5.01 | 0.02 | 17.6 | 4.1 | 12 | 31 | 11 | 32 | 73 | 95 | 3.9 | 16 | <1.6 | 263 | <280 | | | | |
| 6/1 | F | 3 | 1575 | 561 | 41,7 | 56,7 | 47,5 | 0.0213 | 4.04 | <0.01 | 23.1 | 3.2 | 9.1 | 27 | 9.4 | 27 | 63 | 77 | 3.5 | 13 | <1.6 | 219 | <234 | | | | |
| 7/1 | F | 3 | 1830 | 545 | 77,4 | 70,6 | 64,4 | 0.0069 | 2.54 | <0.01 | 18.2 | 3.9 | 12 | 30 | 9.2 | 25 | 52 | 66 | 3.0 | 12 | <1.6 | 201 | <215 | | | | |
| 8/1 | M | 3 | 1478 | 534 | 55,1 | 64,3 | 55,2 | 0.0157 | 3.22 | <0.01 | 19.8 | 3.0 | 9.2 | 26 | 9.8 | 28 | 62 | 84 | 4.0 | 17 | <1.6 | 229 | <245 | | | | |
| 9/1 | F | 2 | 1014 | 446 | 31,0 | 58,3 | 51,7 | 0.0176 | 3.08 | 0.01 | 15.8 | 1.8 | 5.2 | 15 | 4.8 | 14 | 30 | 39 | 1.7 | 6.7 | <1.6 | 112 | <120 | | | | |
| 10/ | M | 3 | 1436 | 522 | 39,8 | 54,1 | 42,2 | 0.0161 | 2.22 | 0.01 | 20.2 | 2.9 | 6.1 | 21 | 12 | 36 | 68 | 92 | 5.1 | 18 | <1.6 | 244 | <263 | | | | |
| 11/ | M | 3 | 1283 | 495 | 43,5 | 69,2 | 59,9 | 0.0194 | 5.88 | <0.01 | 22.7 | 4.7 | 12 | 4.7 | 12 | 34 | 78 | 97 | 4.5 | 17 | <1.6 | 283 | <300 | | | | |
| 12/ | M | 3 | 1451 | 513 | 51,5 | 63,1 | 57,6 | 0.012 | 3.99 | <0.01 | 23.5 | 3.9 | 10 | 30 | 13 | 32 | 66 | 90 | 5.3 | 17 | <1.6 | 249 | <269 | | | | |
| 13/ | M | 3 | 888 | 438 | 24,8 | 55,2 | 43,8 | 0.0183 | 3.38 | <0.01 | 32.0 | 4.0 | 10 | 37 | 12 | 34 | 89 | 110 | 5.2 | 22 | <1.6 | 306 | <325 | | | | |
| 14/ | M | 2 | 614 | 415 | 6,4 | 31,4 | 14,0 | 0.0561 | 4.67 | 0.02 | 38.4 | 0.91 | 1.1 | 3.8 | 9.8 | 28 | 57 | 86 | 4.4 | 19 | 1.15 | 196 | 211 | | | | |
| 15/ | F | 3 | 1217 | 465 | 55,2 | 66,8 | 61,6 | 0.0067 | 3.47 | <0.01 | 21.3 | 3.0 | 6.3 | 19 | 5.8 | 15 | 34 | 39 | 2.0 | 7.8 | <1.6 | 124 | <134 | | | | |
| 16/ | F | 3 | 1824 | 551 | 94,7 | 69,8 | 60,9 | 0.011 | 2.62 | <0.01 | 20.9 | 5.2 | 11 | 31 | 10 | 28 | 61 | 76 | 4.0 | 15 | <1.6 | 227 | <243 | | | | |
| 17/ | F | 2 | 1008 | 470 | 18,9 | 51,9 | 39,7 | 0.0224 | 3.13 | 0.01 | 25.3 | 5.1 | 8.8 | 29 | 13 | 40 | 72 | 99 | 5.7 | 19 | <1.6 | 273 | <293 | | | | |
| 18/ | M | 2 | 887 | 445 | 11,3 | 29,5 | 12,8 | 0.0490 | 5.27 | 0.02 | 32.3 | 1.6 | 4.1 | 22 | 11 | 35 | 81 | 110 | 4.9 | 22 | 1.1 | 276 | 293 | | | | |
| 19/ | F | 2 | 921 | 450 | 15,3 | 44,5 | 30,2 | 0.0389 | 7.01 | 0.01 | 29.6 | 1.4 | 1.5 | 7.1 | 11 | 34 | 75 | 110 | 5.0 | 22 | <1.6 | 251 | <269 | | | | |
| 20/ | M | 2 | 1103 | 465 | 31,1 | 60,6 | 50,9 | 0.0229 | 6.96 | 0.01 | 26.9 | 4.2 | 9.3 | 36 | 13 | 39 | 92 | 120 | 5.5 | 22 | <1.6 | 323 | <343 | | | | |
| 21/ | F | 3 | 1547 | 547 | 30,9 | 58,4 | 50,2 | 0.011 | 1.96 | <0.01 | 20.1 | 4.2 | 9.7 | 37 | 13 | 39 | 86 | 110 | 6.3 | 21 | <1.6 | 307 | <328 | | | | |
| 22/ | F | 2 | 911 | 439 | 38,8 | 67,3 | 59,4 | 0.0085 | 4.68 | <0.01 | 20.7 | 2.9 | 5.1 | 16 | 5.1 | 14 | 28 | 36 | 1.9 | 7.2 | <1.6 | 109 | <118 | | | | |
| 23/ | F | 2 | 1255 | 505 | 32,2 | 47,1 | 41,3 | 0.0152 | 8.60 | <0.01 | 30.9 | 3.3 | 8.0 | 27 | 13 | 41 | 69 | 89 | 5.2 | 16 | <1.6 | 253 | <273 | | | | |
| 24/ | M | 3 | 1520 | 521 | 53,1 | 62,8 | 54,6 | 0.0095 | 3.45 | <0.01 | 18.4 | 3.0 | 6.5 | 22 | 9.8 | 29 | 56 | 74 | 4.1 | 14 | <1.6 | 205 | <220 | | | | |
| 25/ | F | 3 | 920 | 440 | 16,8 | 40,8 | 23,1 | 0.0234 | 9.80 | <0.01 | 40.6 | 1.5 | 2.0 | 7.0 | 5.8 | 18 | 35 | 56 | 2.5 | 9.5 | <1.6 | 129 | <139 | | | | |
| Mean | | 2 | 1165 | 480 | 34,7 | 54,8 | 44,6 | 0,02 | 4,28 | <<0.01 | 24,5 | 3,2 | 7,7 | 24,5 | 10,5 | 30,8 | 65,7 | 88,1 | 4,3 | 16,7 | <<1.6 | 236 | <<253 | | | | |
| Minimum | | 2 | 614 | 415 | 6,4 | 29,5 | 12,8 | 0,01 | 1,36 | <0.01 | 15,8 | 0,9 | 1,1 | 3,8 | 4,8 | 14,0 | 28,0 | 36,0 | 1,7 | 6,7 | 1,1 | 109 | <118 | | | | |
| Maximum | | 3 | 1830 | 561 | 94,7 | 70,6 | 64,4 | 0,06 | 9,80 | 0,03 | 40,6 | 5,2 | 12,0 | 41,0 | 18,0 | 53,0 | 110,0 | 150,0 | 6,6 | 28,0 | 2,0 | 396 | 423 | | | | |
| St.Dev | | 1 | 341 | 45 | 21,3 | 11,7 | 14,7 | 0,01 | 2,06 | ~0.01 | 6,5 | 1,2 | 3,2 | 10,4 | 2,9 | 9,1 | 19,8 | 26,7 | 1,3 | 5,2 | ~0.2 | 68 | ~72 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 2 | 844 | 440 | 28 | 178.0 | <1.6 | <1.6 | <1.6 | 6.6 | <0.80 | 1.9 | |
| 2/1 | M | 2 | 792 | 442 | 17 | 109.0 | <1.6 | <1.6 | <1.6 | 6.0 | <0.80 | 1.4 | |
| 3/1 | F | 2 | 692 | 425 | 11 | 102.0 | <1.6 | <1.6 | <1.6 | 3.7 | <0.80 | 0.90 | |
| 4/1 | M | 2 | 1004 | 468 | 16 | 101.0 | <1.6 | <1.6 | <1.6 | 7.0 | <0.80 | 1.4 | |
| 5/1 | F | 2 | 1108 | 470 | 15 | 86.0 | <1.6 | 2.0 | <3.6 | 10 | <0.80 | 1.2 | |
| 6/1 | F | 3 | 1575 | 561 | 13 | 77.0 | <1.6 | 1.7 | <3.3 | 9.2 | <0.80 | 1.1 | |
| 7/1 | F | 3 | 1830 | 545 | 14 | 80.0 | 1.6 | 2.5 | 4.1 | 11 | <0.80 | 1.1 | |
| 8/1 | M | 3 | 1478 | 534 | 12 | 92.0 | <1.6 | 2.1 | <3.7 | 8.3 | <0.80 | 1.2 | |
| 9/1 | F | 2 | 1014 | 446 | 7.3 | 47.3 | <1.6 | <1.6 | <1.6 | 4.1 | <0.80 | <0.80 | |
| 10/ | M | 3 | 1436 | 522 | 12 | 89.0 | <1.6 | <1.6 | <1.6 | 6.8 | <0.80 | 1.0 | |
| 11/ | M | 3 | 1283 | 495 | 21 | 117.0 | 1.6 | 2.5 | 4.1 | 14 | 0.91 | 1.5 | |
| 12/ | M | 3 | 1451 | 513 | 15 | 87.0 | <1.6 | 2.0 | <3.6 | 10 | 0.88 | 0.99 | |
| 13/ | M | 3 | 888 | 438 | 29 | 179.0 | <1.6 | 1.8 | <3.4 | 8.5 | <0.80 | 1.4 | |
| 14/ | M | 2 | 614 | 415 | 5.9 | 53.9 | <0.40 | 0.56 | <1.0 | 2.0 | <0.20 | 0.48 | |
| 15/ | F | 3 | 1217 | 465 | 11 | 52.0 | 1.7 | 2.6 | 4.3 | 9.0 | <0.80 | <0.80 | |
| 16/ | F | 3 | 1824 | 551 | 20 | 113.0 | <1.6 | 2.2 | <3.8 | 12 | <0.80 | 1.3 | |
| 17/ | F | 2 | 1008 | 470 | 17 | 102.0 | <1.6 | <1.6 | <1.6 | 11 | <0.80 | 1.3 | |
| 18/ | M | 2 | 887 | 445 | 15 | 101.0 | <0.40 | <40 | <40.0 | 2.6 | <0.20 | 0.81 | |
| 19/ | F | 2 | 921 | 450 | 7.8 | 75.8 | <1.6 | <1.6 | <1.6 | 3.1 | <0.80 | 0.80 | |
| 20/ | M | 2 | 1103 | 465 | 19 | 129.0 | <1.6 | 2.5 | <4.1 | 10 | 0.89 | 1.4 | |
| 21/ | F | 3 | 1547 | 547 | 19 | 139.0 | <1.6 | 1.7 | <3.3 | 9.7 | <0.80 | 1.5 | |
| 22/ | F | 2 | 911 | 439 | 9.4 | 48.4 | 1.6 | 2.4 | 4.0 | 8.2 | <0.80 | <0.80 | |
| 23/ | F | 2 | 1255 | 505 | 14 | 92.0 | <1.6 | <1.6 | <1.6 | 7.5 | <0.80 | 1.1 | |
| 24/ | M | 3 | 1520 | 521 | 12 | 78.0 | <1.6 | 2.1 | <3.7 | 7.5 | <0.80 | 1.1 | |
| 25/ | F | 3 | 920 | 440 | 5.5 | 40.5 | <1.6 | <1.6 | <1.6 | 2.7 | <0.80 | <0.80 | |
| Mean | | 2 | 1165 | 480 | | 14,6 | 94,8 | <<1.5 | <<3.4 | <<4.2 | 7,6 | <<0.8 | <1.1 |
| Minimum | | 2 | 614 | 415 | | 5,5 | 40,5 | <0.4 | 0,6 | <1.0 | 2,0 | <0.2 | 0,5 |
| Maximum | | 3 | 1830 | 561 | | 29,0 | 179,0 | 1,7 | <40.0 | <40.0 | 14,0 | 0,9 | 1,9 |
| St.Dev | | 1 | 341 | 45 | | 5,9 | 35,7 | ~0.3 | ~7.6 | ~7.5 | 3,2 | ~0.2 | ~0.3 |
| Count | | 25 | 25 | 25 | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(1) ! Missing value

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Comments

Station: Ullerø area

sample no.

- 1 Liver colour: red yellow
- 2 Liver colour : white
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour : red yellow
- 4 Liver colour: yellow
- 5 Liver colour : red white
- 6 Liver colour : yellow
- 7 Liver colour : red yellow
- 8 Liver colour : yellow
- 9 Liver colour: red yellow
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 11 Liver colour : red yellow
- 12 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with ulceration, lymphocytic areas and/or lesions
Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour : yellow
- 13 Gills with *Lernaeocera* copepods Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow
- 14 Liver colour : red brown
- 15 Age uncertain Liver colour : red white
- 16 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour : red
- 17 Liver colour: red yellow
- 18 Liver colour : red
- 19 Gills with *Lernaeocera* copepods Liver colour: yellow
- 20 Liver colour : red white
- 21 Gills with *Lernaeocera* copepods Skin with metacercariae of cf. *Cryptocotyle lingua*
liver colour : yellow
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour : yellow
- 23 Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: red white
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour : yellow
- 25 Gills with *Lernaeocera* copepods Liver colour : yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20031006** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | 0.01 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 1 | 509 | 360 | 11,6 | 49,2 | 34,0 | 0.0283 | 4.53 | 0.02 | 20.7 | 1.9 | 3.3 | 7.5 | 6.6 | 16 | 32 | 46 | 2.6 | 9.7 | <1.5 | 116 | <127 | |
| 2/1 | M | 2 | 825 | 430 | 10,6 | 40,5 | 25,0 | 0.0515 | 5.18 | <0.02 | 31.4 | 1.4 | 3.3 | 16 | 12 | 33 | 64 | 92 | 4.8 | 18 | 1.2 | 228 | 246 | |
| 3/1 | F | 3 | 687 | 400 | 12,2 | 51,1 | 47,0 | 0.0536 | 4.65 | 0.03 | 25.8 | 5.1 | 12 | 41 | 24 | 70 | 150 | 220 | 12 | 61 | 3.1 | 559 | 598 | |
| 4/1 | F | 2 | 804 | 435 | 16,6 | 32,6 | 17,0 | 0.0324 | 5.04 | 0.08 | 27.9 | 1.3 | 2.4 | 5.9 | 5.3 | 13 | 26 | 42 | 2.3 | 9.2 | <1 | 100 | <108 | |
| 5/1 | M | 2 | 943 | 450 | 10,9 | 29,9 | 14,0 | 0.0424 | 5.86 | 0.02 | 38.8 | 1.9 | 1.7 | 6.8 | 8.9 | 26 | 46 | 70 | 3.6 | 14 | <1 | 166 | <180 | |
| 6/1 | M | 2 | 972 | 460 | 12,0 | 37,3 | 24,0 | 0.0412 | 10.3 | <0.02 | 48.5 | 2.8 | 5.2 | 21 | 14 | 43 | 87 | 130 | 6.8 | 27 | 1.5 | 316 | 338 | |
| 7/1 | M | 2 | 1154 | 500 | 16,0 | 34,8 | 26,0 | 0.0543 | 11.5 | <0.02 | 35.6 | 3.7 | 7.3 | 21 | 12 | 33 | 68 | 100 | 5.7 | 24 | 1.3 | 257 | 276 | |
| 8/1 | F | 2 | 711 | 420 | 8,3 | 38,6 | 24,0 | 0.0592 | 12.9 | 0.02 | 47.9 | 3.0 | 5.4 | 17 | 13 | 37 | 71 | 100 | 5.3 | 21 | 1.5 | 254 | 274 | |
| 9/1 | M | 2 | 979 | 455 | 11,6 | 28,7 | 9,5 | 0.133 | 8.08 | 0.03 | 41.3 | 1.6 | 3.5 | 16 | 11 | 31 | 65 | 96 | 4.8 | 20 | 1.2 | 233 | 250 | |
| 10/ | F | 2 | 956 | 450 | 25,6 | 40,4 | 26,0 | 0.0223 | 3.83 | <0.02 | 19.6 | 1.8 | 3.6 | 9.1 | 6.9 | 19 | 35 | 53 | 2.8 | 11 | <1 | 133 | <143 | |
| 11/ | F | 2 | 1094 | 460 | 14,1 | 37,1 | 26,0 | 0.0228 | 4.26 | <0.02 | 35.1 | 3.6 | 5.8 | 20 | 12 | 31 | 57 | 74 | 4.3 | 15 | <1 | 206 | <224 | |
| 12/ | F | 2 | 794 | 420 | 12,8 | 36,9 | 22,0 | 0.0740 | 8.10 | <0.02 | 31.3 | 1.9 | 1.9 | 5.2 | 9.5 | 26 | 50 | 78 | 3.8 | 16 | 1.2 | 179 | 194 | |
| 13/ | M | 2 | 785 | 440 | 6,6 | 27,2 | 5,6 | 0.106 | 13.1 | 0.02 | 60.5 | 0.54 | <0.5 | 1.7 | 3.7 | 11 | 20 | 31 | 2.0 | 6.7 | <0.5 | <71 | <77 | |
| 14/ | M | 3 | 1380 | 490 | 56,0 | 72,9 | 65,3 | 0.013 | 1.99 | <0.2 | 20.2 | 7.3 | 17 | 49 | 15 | 41 | 80 | 100 | 5.6 | 19 | <3 | 313 | <337 | |
| 15/ | M | 3 | 1041 | 465 | 48,8 | 71,6 | 65,0 | 0.013 | 1.26 | <0.02 | 10.2 | 4.7 | 8.3 | 28 | 9.5 | 26 | 51 | 69 | 4.0 | 13 | <3 | 200 | <217 | |
| 16/ | M | 3 | 929 | 465 | 11,1 | 32,1 | 18,0 | 0.0315 | 14.0 | <0.02 | 37.4 | 3.7 | 6.2 | 21 | 9.9 | 28 | 52 | 78 | 4.8 | 18 | 2.4 | 207 | 224 | |
| 17/ | F | 2 | 814 | 435 | 9,9 | 32,5 | 17,0 | 0.0374 | 10.2 | <0.02 | 42.5 | 1.2 | 0.76 | 2.8 | 4.1 | 12 | 23 | 41 | 2.5 | 9.2 | 0.68 | 90 | 97 | |
| 18/ | F | 2 | 932 | 465 | 15,4 | 47,8 | 36,0 | 0.0490 | 1.74 | <0.02 | 21.9 | 9.0 | 19 | 69 | 21 | 62 | 130 | 170 | 8.8 | 30 | <2 | 489 | <521 | |
| 19/ | F | 2 | 794 | 430 | 6,9 | 25,0 | 6,8 | 0.0708 | 5.90 | 0.02 | 44.2 | 2.0 | 2.8 | 11 | 7.2 | 21 | 39 | 60 | 3.4 | 12 | 1.1 | 148 | 160 | |
| 20/ | F | 2 | 1065 | 450 | 25,5 | 52,7 | 47,0 | 0.0226 | 5.35 | <0.02 | 25.5 | 3.9 | 8.4 | 30 | 13 | 35 | 72 | 100 | 5.7 | 20 | <2 | 269 | <290 | |
| 21/ | M | 2 | 835 | 430 | 10,0 | 29,7 | 13,0 | 0.0547 | 18.3 | <0.02 | 37.7 | 1.9 | 4.2 | 19 | 10 | 31 | 61 | 91 | 4.9 | 17 | 0.76 | 225 | 241 | |
| 22/ | M | 2 | 1051 | 450 | 20,3 | 44,8 | 36,0 | 0.011 | 7.48 | <0.02 | 23.5 | 2.8 | 3.5 | 11 | 6.7 | 18 | 33 | 50 | 3.1 | 9.7 | <2 | 128 | <140 | |
| 23/ | M | 2 | 1279 | 490 | 27,5 | 57,4 | 55,0 | 0.012 | 4.22 | <0.02 | 20.8 | 4.7 | 8.5 | 28 | 11 | 29 | 55 | 73 | 4.6 | 15 | <3 | 213 | <232 | |
| 24/ | F | 2 | 1000 | 500 | 17,6 | 44,7 | 38,0 | 0.0339 | 5.75 | <0.02 | 22.4 | 7.0 | 11 | 42 | 16 | 47 | 90 | 130 | 7.0 | 24 | <2 | 351 | <376 | |
| 25/ | M | 2 | 1163 | 500 | 24,6 | 54,1 | 44,0 | 0.0356 | 3.74 | <0.02 | 28.3 | 4.3 | 7.5 | 29 | 14 | 41 | 90 | 120 | 6.3 | 23 | <2 | 315 | <337 | |
| Mean | | 2 | 940 | 450 | 17,7 | 42,0 | 29,6 | 0,04 | 7,09 | <<0.03 | 32,0 | | 3,3 | <6.1 | 21,1 | 11,1 | 31,2 | 61,9 | 88,6 | 4,9 | 18,5 | <<1.6 | <231 | <<248 |
| Minimum | | 1 | 509 | 360 | 6,6 | 25,0 | 5,6 | 0,01 | 1,26 | <0.02 | 10,2 | | 0,5 | <0.5 | 1,7 | 3,7 | 11,0 | 20,0 | 31,0 | 2,0 | 6,7 | <0.5 | <71 | <77 |
| Maximum | | 3 | 1380 | 500 | 56,0 | 72,9 | 65,3 | 0,13 | 18,30 | <0.20 | 60,5 | | 9,0 | 19,0 | 69,0 | 24,0 | 70,0 | 150,0 | 220,0 | 12,0 | 61,0 | 3,1 | 559 | 598 |
| St.Dev | | 0 | 194 | 33 | 12,0 | 12,8 | 16,8 | 0,03 | 4,28 | ~0.04 | 11,6 | | 2,1 | ~4.7 | 16,0 | 4,8 | 14,4 | 31,2 | 42,6 | 2,2 | 10,7 | ~0.8 | ~116 | ~124 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 1 | 509 | 360 | 4.9 | 40.9 | <1.5 | <1.5 | <1.5 | 6.4 | 0.90 | 0.72 |
| 2/1 | M | 2 | 825 | 430 | <1.5 | <75.5 | <1 | <1 | <1.0 | 4.6 | 0.62 | 0.95 |
| 3/1 | F | 3 | 687 | 400 | 23 | 193.0 | <2.0 | <2.0 | <2.0 | 8.2 | <1.0 | 1.8 |
| 4/1 | F | 2 | 804 | 435 | 3.6 | 35.6 | <1 | <1 | <1.0 | 3.9 | <0.5 | 0.65 |
| 5/1 | M | 2 | 943 | 450 | 7.4 | 88.4 | <1 | <1 | <1.0 | 3.6 | <0.5 | 0.82 |
| 6/1 | M | 2 | 972 | 460 | 13 | 113.0 | <1 | <1 | <1.0 | 4.7 | <0.5 | 1.1 |
| 7/1 | M | 2 | 1154 | 500 | 17 | 98.0 | <1 | <1 | <1.0 | 6.5 | <0.5 | 1.4 |
| 8/1 | F | 2 | 711 | 420 | 11 | 106.0 | <1 | <1 | <1.0 | 7.4 | 0.51 | 1.8 |
| 9/1 | M | 2 | 979 | 455 | 10 | 120.0 | <1 | <1 | <1.0 | 2.4 | <0.5 | 0.93 |
| 10/ | F | 2 | 956 | 450 | 6.2 | 51.2 | <1 | <1 | <1.0 | 5.0 | 0.56 | 0.89 |
| 11/ | F | 2 | 1094 | 460 | 12 | 74.0 | <1 | <1 | <1.0 | 6.0 | 0.54 | 0.86 |
| 12/ | F | 2 | 794 | 420 | 5.3 | 60.3 | <1 | <1 | <1.0 | 5.3 | <0.5 | 0.99 |
| 13/ | M | 2 | 785 | 440 | 1.6 | 19.6 | <0.5 | <0.5 | <0.5 | 0.91 | <0.25 | <0.25 |
| 14/ | M | 3 | 1380 | 490 | 23 | 133.0 | <3 | <3 | <3.0 | 14 | <1.5 | 1.9 |
| 15/ | M | 3 | 1041 | 465 | 16 | 90.0 | <3 | <3 | <3.0 | 11 | miss | <1.5 |
| 16/ | M | 3 | 929 | 465 | 16 | 80.0 | <1 | <1 | <1.0 | 6.6 | <0.5 | 0.92 |
| 17/ | F | 2 | 814 | 435 | 2.7 | 27.7 | <0.5 | <0.5 | <0.5 | 2.7 | 0.28 | 0.38 |
| 18/ | F | 2 | 932 | 465 | 40 | 220.0 | <2 | <2 | <2.0 | 14 | <1 | 2.7 |
| 19/ | F | 2 | 794 | 430 | 8.0 | 64.0 | <0.5 | <0.5 | <0.5 | 2.6 | <0.25 | 0.72 |
| 20/ | F | 2 | 1065 | 450 | 13 | 112.0 | <2 | <2 | <2.0 | 10 | 1.4 | 1.6 |
| 21/ | M | 2 | 835 | 430 | 10 | 110.0 | <0.5 | <0.5 | <0.5 | 3.7 | 0.28 | 0.96 |
| 22/ | M | 2 | 1051 | 450 | 5.4 | 38.4 | <2 | <2 | <2.0 | 6.5 | <1 | <1 |
| 23/ | M | 2 | 1279 | 490 | 14 | 83.0 | <3 | <3 | <3.0 | 11 | <1.5 | <1.5 |
| 24/ | F | 2 | 1000 | 500 | 25 | 145.0 | <2 | <2 | <2.0 | 13 | <1 | 2.5 |
| 25/ | M | 2 | 1163 | 500 | 15 | 125.0 | <2 | <2 | <2.0 | 7.4 | <1 | 1.8 |
| Mean | | 2 | 940 | 450 | <12.2 | <92.1 | <<1.4 | <<1.4 | <<1.4 | 6,7 | <<0.7 | <1.2 |
| Minimum | | 1 | 509 | 360 | <1.5 | 19,6 | <0.5 | <0.5 | <0.5 | 0,9 | <0.3 | <0.3 |
| Maximum | | 3 | 1380 | 500 | 40,0 | 220,0 | <3.0 | <3.0 | <3.0 | 14,0 | <1.5 | 2,7 |
| St.Dev | | 0 | 194 | 33 | ~8.8 | ~48.6 | ~0.8 | ~0.8 | ~0.8 | 3,7 | ~0.4 | ~0.6 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 |

miss(1) ! Missing value

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Comments

Station: Ullerø area

sample no.

- 1 Age uncertain Liver colour: yellow red
- 2 Age uncertain Liver colour: yellow red
- 3 Age uncertain Liver colour : yellow red
- 4 Liver colour: red yellow
- 5 Liver colour: red yellow
- 6 Liver colour; red yellow
- 7 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
Liver colour: red yellow
- 8 Liver colour: red yellow
- 9 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
Liver colour; red yellow
- 10 Age uncertain Liver colour: red yellow
- 11 Signs of mechanical damage (e.g., net wounds) Liver colour : red yellow
- 12 Liver colour: red yellow
- 13 Signs of mechanical damage (e.g., net wounds) Liver colour: red brown
- 14 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Signs of mechanical damage (e.g., net wounds) Liver colour: yellow
- 15 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
Signs of mechanical damage (e.g., net wounds) Liver colour: yellow
- 16 Age uncertain Signs of mechanical damage (e.g., net wounds)
Liver colour: red brown
- 17 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
Liver colour: red brown
- 18 Age uncertain Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red
- 19 Signs of mechanical damage (e.g., net wounds) Liver colour: red brown
- 20 Age uncertain Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow
- 21 Skin with ulceration, lymphocytic areas and/or lesions Signs of mechanical damage (e.g., net wounds)
Liver colour: red yellow
- 22 Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Signs of mechanical damage (e.g., net wounds)
Liver colour: red brown
- 25 Age uncertain Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20041019** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | F | 2 | 630 | 380 | 17,8 | 56,4 | 38,0 | 0.0195 | 3.05 | <0.02 | 19.5 | 2.6 | 6.3 | 30 | 54.6 | 19 | 32 | 41 | 1.5 | 6.8 | 0.72 | 138 | 5145 | | | | |
| 2/1 | M | 2 | 603 | 390 | 9,2 | 44,3 | 25,0 | 0.0342 | 3.37 | 0.02 | 27.2 | 2.3 | 4.2 | 21 | 7.7 | 25 | 40 | 64 | 2.4 | 11 | 0.85 | 168 | 178 | | | | |
| 3/1 | M | 2 | 756 | 405 | 25,4 | 67,2 | 18,0 | 0.0077 | 1.35 | <0.02 | 15.1 | 0.71 | 1.6 | 5.6 | 0.64 | 2.9 | 4.9 | miss | <0.4 | 3.2 | <0.4 | 19 | <20 | | | | |
| 4/1 | F | 2 | 1038 | 440 | 31,8 | 67,0 | 58,0 | 0.0073 | 3.92 | <0.02 | 20.4 | 2.0 | 4.2 | 17 | 3.5 | 12 | 26 | miss | 1.5 | 7.3 | <1 | 69 | <75 | | | | |
| 5/1 | M | 2 | 1134 | 440 | 32,2 | 70,3 | 62,0 | 0.0051 | 3.41 | <0.02 | 16.5 | 2.2 | 5.2 | 21 | 3.3 | 11 | 19 | 26 | 0.96 | 4.2 | <1.5 | 89 | <94 | | | | |
| 6/1 | M | 1 | 667 | 440 | 25,2 | 71,5 | 60,0 | 0.0072 | 2.62 | <0.02 | 16.4 | 3.3 | 7.0 | 32 | 4.0 | 15 | 27 | 32 | 1.3 | 6.1 | <0.9 | 122 | <129 | | | | |
| 7/1 | M | 2 | 849 | 440 | 16,6 | 60,6 | 46,0 | 0.0265 | 2.15 | <0.02 | 20.8 | miss | 5.9 | 30 | 5.8 | 23 | 46 | 65 | 2.1 | 11 | <0.9 | 181 | <190 | | | | |
| 8/1 | F | 3 | 674 | 385 | 14,4 | 50,7 | 40,0 | 0.0210 | 1.61 | <0.02 | 22.8 | 2.4 | 4.3 | 21 | 7.0 | 25 | 41 | 61 | 2.3 | 10 | <0.9 | 165 | <175 | | | | |
| 9/1 | F | 1 | 685 | 405 | 27,2 | 69,2 | 62,0 | 0.0075 | 2.04 | <0.02 | 14.4 | 2.9 | 6.2 | 31 | 3.5 | 13 | 23 | 30 | 1.2 | 5.0 | <1 | 111 | <117 | | | | |
| 10/ | M | 1 | 563 | 380 | 12,2 | 41,5 | 31,0 | 0.0273 | 3.28 | <0.02 | 17.4 | 3.3 | 7.3 | 28 | 8.2 | 27 | 50 | 73 | 2.6 | 14 | 1.4 | 203 | 215 | | | | |
| 11/ | M | 1 | 978 | 420 | 48,9 | 75,7 | 70,0 | 0.0047 | 0.902 | <0.02 | 12.6 | 2.1 | 4.9 | 26 | 2.6 | 9.3 | 17 | 24 | 0.81 | 3.9 | <1 | 87 | <92 | | | | |
| 12/ | F | 1 | 613 | 400 | 11,2 | 60,2 | 49,0 | 0.018 | 2.75 | <0.02 | 18.0 | 4.2 | 6.9 | 37 | 9.4 | 31 | 49 | 71 | 2.3 | 13 | <1 | 212 | <225 | | | | |
| 13/ | M | 1 | 831 | 420 | 31,5 | 69,0 | 62,0 | 0.0096 | 1.45 | <0.02 | 18.1 | 4.4 | 7.5 | 36 | 6.2 | 19 | 37 | 47 | 1.9 | 8.4 | <1 | 159 | <168 | | | | |
| 14/ | M | 1 | 620 | 380 | 18,2 | 70,0 | 65,0 | 0.0082 | 1.53 | <0.02 | 10.4 | 4.5 | 7.3 | 34 | 5.8 | 19 | 36 | 45 | 2.0 | 8.1 | <1 | 154 | <163 | | | | |
| 15/ | M | 2 | 686 | 395 | 27,3 | 65,0 | 56,0 | 0.012 | 1.77 | <0.02 | 13.4 | 2.9 | 5.3 | 25 | 3.7 | 10 | 21 | 27 | 1.0 | 4.5 | <0.8 | 96 | <101 | | | | |
| 16/ | M | 1 | 714 | 400 | 28,2 | 69,0 | 64,0 | 0.0038 | 1.69 | <0.02 | 13.5 | 4.0 | 6.4 | 31 | 9.5 | 25 | 44 | 66 | 2.6 | 14 | 0.88 | 190 | 203 | | | | |
| 17/ | F | 2 | 639 | 400 | 10,8 | 48,0 | 37,0 | 0.0441 | 2.50 | <0.02 | 21.9 | 4.2 | 7.4 | 32 | 9.3 | 27 | 52 | 76 | 2.9 | 13 | 1.6 | 212 | 225 | | | | |
| 18/ | M | 2 | 696 | 400 | 33,7 | 71,0 | 66,0 | 0.0052 | 1.29 | <0.02 | 10.5 | 3.5 | 5.9 | 31 | 3.9 | 13 | 25 | 32 | 1.2 | 5.4 | <0.8 | 116 | <122 | | | | |
| 19/ | M | 2 | 973 | 425 | 46,0 | 80,0 | 70,0 | 0.0058 | 1.79 | <0.02 | 17.0 | 2.6 | 3.4 | 17 | 3.4 | 10 | 17 | 25 | 1.0 | 4.3 | <0.8 | 79 | <85 | | | | |
| 20/ | M | 2 | 888 | 450 | 18,9 | 55,0 | 45,0 | 0.0178 | 1.88 | <0.02 | 25.3 | 3.6 | 5.2 | 30 | 12 | 34 | 58 | 79 | 4.0 | 14 | 0.96 | 224 | 241 | | | | |
| 21/ | F | 3 | 1026 | 465 | 20,2 | 56,0 | 50,0 | 0.0346 | 2.84 | <0.02 | 19.1 | 4.0 | 6.9 | 31 | 7.5 | 23 | 45 | 58 | 2.4 | 11 | 0.85 | 179 | 190 | | | | |
| 22/ | F | 2 | 643 | 385 | 28,9 | 72,0 | 68,0 | 0.0097 | 1.47 | <0.02 | 14.6 | 3.4 | 7.2 | 32 | 4.3 | 13 | 27 | 33 | 1.4 | 5.3 | <0.8 | 121 | <127 | | | | |
| 23/ | M | 3 | 945 | 445 | 14,2 | 47,0 | 35,0 | 0.0266 | 14.7 | <0.02 | 37.5 | 1.8 | 1.6 | 16 | 10 | 28 | 52 | 82 | 3.5 | 18 | 1.3 | 199 | 214 | | | | |
| 24/ | F | 2 | 1183 | 470 | 71,9 | 71,0 | 64,0 | 0.0045 | 0.845 | <0.02 | 14.5 | 3.1 | 6.2 | 34 | 4.8 | 15 | 27 | 36 | 1.3 | 5.5 | <0.8 | 127 | <134 | | | | |
| 25/ | M | 2 | 1021 | 455 | 34,7 | 62,0 | 57,0 | 0.0165 | 2.49 | <0.02 | 19.0 | 3.5 | 6.3 | 30 | 6.1 | 20 | 40 | 51 | 2.3 | 12 | 1.6 | 163 | 173 | | | | |
| Mean | | 2 | 802 | 417 | 26,3 | 62,8 | 51,9 | 0,02 | 2,67 | <<0.02 | 18,2 | 3,1 | 5,6 | 27,1 | 5,9 | 18,8 | 34,2 | 49,7 | <1.9 | 8,8 | <<1.0 | 143 | <<152 | | | | |
| Minimum | | 1 | 563 | 380 | 9,2 | 41,5 | 18,0 | 0,00 | 0,85 | <0.02 | 10,4 | 0,7 | 1,6 | 5,6 | 0,6 | 2,9 | 4,9 | 24,0 | <0.4 | 3,2 | <0.4 | 19 | <20 | | | | |
| Maximum | | 3 | 1183 | 470 | 71,9 | 80,0 | 70,0 | 0,04 | 14,70 | 0,02 | 37,5 | 4,5 | 7,5 | 37,0 | 12,0 | 34,0 | 58,0 | 82,0 | 4,0 | 18,0 | 1,6 | 224 | 241 | | | | |
| St.Dev | | 1 | 186 | 28 | 14,1 | 10,4 | 14,8 | 0,01 | 2,64 | ~0.00 | 5,8 | 0,9 | 1,7 | 7,5 | 2,8 | 7,9 | 13,6 | 19,6 | ~0.9 | 4,1 | ~0.3 | 52 | ~57 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 | 25 | 24 | 25 | 25 | 25 | 23 | 25 | 25 | 25 | 25 | 25 | 24 | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|------|------|------|-------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | | |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | F | 2 | 630 | 380 | 10 | 60.0 | 0.74 | 0.84 | 1.6 | 8.2 | 0.59 | 0.62 | | |
| 2/1 | M | 2 | 603 | 390 | 10 | 76.0 | 0.51 | 0.56 | 1.1 | 5.5 | 0.35 | 0.74 | | |
| 3/1 | M | 2 | 756 | 405 | 2.3 | 12.2 | <0.4 | 0.46 | <0.9 | 2.6 | 0.30 | <0.4 | | |
| 4/1 | F | 2 | 1038 | 440 | 5.6 | 36.6 | 1.2 | 1.5 | 2.7 | 8.4 | 0.72 | <1 | | |
| 5/1 | M | 2 | 1134 | 440 | 6.9 | 36.9 | <1.5 | 1.6 | <3.1 | 9.5 | <0.9 | <1.5 | | |
| 6/1 | M | 1 | 667 | 440 | 11 | 51.0 | 1.3 | 1.6 | 2.9 | 12 | 0.92 | <0.9 | | |
| 7/1 | M | 2 | 849 | 440 | 11 | 77.0 | 0.95 | 1.2 | 2.2 | 7.8 | 0.66 | <0.9 | | |
| 8/1 | F | 3 | 674 | 385 | 9.7 | 69.7 | <0.9 | 1.1 | <2.0 | 8.4 | 0.67 | <0.9 | | |
| 9/1 | F | 1 | 685 | 405 | 9.4 | 47.4 | 1.3 | 1.6 | 2.9 | 10 | 0.85 | <1 | | |
| 10/ | M | 1 | 563 | 380 | 12 | 85.0 | <0.9 | <0.9 | <0.9 | 7.6 | 0.69 | <1 | | |
| 11/ | M | 1 | 978 | 420 | 6.7 | 35.7 | 1.3 | 1.7 | 3.0 | 9.7 | 0.94 | <1 | | |
| 12/ | F | 1 | 613 | 400 | 18 | 110.0 | 1.0 | 1.3 | 2.3 | 13 | 0.75 | 1.2 | | |
| 13/ | M | 1 | 831 | 420 | 11 | 64.0 | 1.5 | 2.0 | 3.5 | 13 | 1.0 | <1 | | |
| 14/ | M | 1 | 620 | 380 | 11 | 68.0 | 1.5 | 1.9 | 3.4 | 15 | 1.3 | <1 | | |
| 15/ | M | 2 | 686 | 395 | 7.4 | 38.4 | 1.0 | 1.4 | 2.4 | 9.0 | 0.74 | <0.8 | | |
| 16/ | M | 1 | 714 | 400 | 8.5 | 51.5 | 1.5 | 1.9 | 3.4 | 11 | 1.0 | <0.8 | | |
| 17/ | F | 2 | 639 | 400 | 13 | 86.0 | 0.81 | 1.0 | 1.8 | 9.6 | 0.70 | <0.8 | | |
| 18/ | M | 2 | 696 | 400 | 8.6 | 47.6 | 1.4 | 1.8 | 3.2 | 12 | 1.1 | <0.8 | | |
| 19/ | M | 2 | 973 | 425 | 5.1 | 32.1 | 1.4 | 2.0 | 3.4 | 9.0 | 0.95 | <0.8 | | |
| 20/ | M | 2 | 888 | 450 | 12 | 81.0 | 0.93 | 1.1 | 2.0 | 11 | 0.84 | 0.84 | | |
| 21/ | F | 3 | 1026 | 465 | 12 | 71.0 | 1.2 | 1.5 | 2.7 | 11 | 1.0 | <0.8 | | |
| 22/ | F | 2 | 643 | 385 | 9.1 | 53.1 | 1.4 | 2.0 | 3.4 | 14 | 1.1 | <0.8 | | |
| 23/ | M | 3 | 945 | 445 | 8.3 | 81.3 | 0.81 | 1.0 | 1.8 | 6.1 | <0.6 | <0.8 | | |
| 24/ | F | 2 | 1183 | 470 | 9.3 | 51.3 | 1.3 | 1.6 | 2.9 | 11 | 1.1 | <0.8 | | |
| 25/ | M | 2 | 1021 | 455 | 11 | 69.0 | 1.2 | 1.4 | 2.6 | 12 | 1.2 | 0.81 | | |
| Mean | | 2 | 802 | 417 | | 9,6 | 59,7 | <1.1 | <1.4 | <2.5 | 9,9 | <0.8 | <<0.9 | |
| Minimum | | 1 | 563 | 380 | | 2,3 | 12,2 | <0.4 | | 0,5 | <0.9 | 2,6 | 0,3 | <0.4 |
| Maximum | | 3 | 1183 | 470 | | 18,0 | 110,0 | | 1,5 | 2,0 | 3,5 | 15,0 | 1,3 | <1.5 |
| St.Dev | | 1 | 186 | 28 | | 3,1 | 21,8 | ~0.3 | ~0.4 | ~0.8 | 2,8 | ~0.2 | ~0.2 | |
| Count | | 25 | 25 | 25 | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(3) ! Missing value s/q(2) ! Suspect value

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Comments

Station: Ullerø area

sample no.

- 1 Liver colour: red brown
- 2 Liver colour: red yellow
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
Liver colour: yellow red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
Liver colour: red yellow
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red yellow
- 6 Age uncertain Liver colour: yellow red
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: red brown
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: red yellow
- 10 Age uncertain Signs of mechanical damage (e.g., net wounds)
Liver colour: red brown
- 11 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow red
- 12 Liver colour:yellow red
- 13 Liver colour: yellow red
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow
- 17 Liver colour: yellow red
- 18 Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 19 Signs of mechanical damage (e.g., net wounds) Liver colour: yellow
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: red yellow
- 22 Signs of mechanical damage (e.g., net wounds) Liver colour: red yellow
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: red yellow
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Signs of mechanical damage (e.g., net wounds) Liver colour: red yellow
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red

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| | | | | | | | | | | | |
|---------|----|------|-----|------|-------|-------|-------|-------|------|-------|-------|
| 4/1 M | 2 | 900 | 438 | 5.9 | 63.9 | <1.5 | <1.5 | <1.5 | 7.0 | <0.8 | <1.5 |
| 5/1 F | 2 | 670 | 405 | 8.5 | 50.5 | <1.5 | <1.5 | <1.5 | 8.7 | <0.8 | <1.5 |
| 6/1 M | 2 | 1237 | 485 | 4.6 | 46.6 | <1.5 | <1.5 | <1.5 | 7.3 | <0.8 | <1.5 |
| 7/1 F | 2 | 850 | 425 | 7.9 | 48.9 | <1.5 | <1.5 | <1.5 | 8.2 | <0.8 | <1.5 |
| 8/1 F | 2 | 963 | 465 | 11 | 95.0 | <0.8 | <0.8 | <0.8 | 3.8 | <0.4 | <0.8 |
| 9/1 M | 1 | 878 | 435 | 8.2 | 51.2 | <1.5 | <1.5 | <1.5 | 8.1 | 1.5 | <1.5 |
| 10/ F | 2 | 967 | 462 | 5.7 | 87.7 | <1.5 | <1.5 | <1.5 | 8.9 | <0.8 | 6.0 |
| 11/ M | 2 | 930 | 470 | 41 | 301.0 | <1.5 | <1.5 | <1.5 | 14 | 1.2 | 1.9 |
| 12/ F | 2 | 1286 | 532 | 18 | 118.0 | <1.5 | <1.5 | <1.5 | 12 | 1.0 | <1.5 |
| 13/ F | 2 | 1134 | 492 | 2.5 | 22.5 | 0.37 | 0.34 | 0.7 | 1.3 | <0.08 | <1 |
| 14/ F | 2 | 1361 | 540 | 4.5 | 42.5 | 0.39 | 0.35 | 0.7 | 1.5 | <0.08 | <1 |
| 15/ F | 4 | 2149 | 595 | 29 | 169.0 | 2.2 | 2.1 | 4.3 | 11 | <0.4 | 2.1 |
| 16/ M | 2 | 1192 | 495 | 28 | 158.0 | 1.7 | 1.4 | 3.1 | 18 | <0.5 | 2.6 |
| 17/ M | 2 | 1301 | 510 | 10 | 63.0 | 0.67 | 0.41 | 1.1 | 3.8 | <0.2 | <1 |
| 18/ F | 2 | 1163 | 480 | 14 | 61.0 | 2.5 | 1.9 | 4.4 | 12 | <0.5 | <1 |
| 19/ F | 2 | 1283 | 525 | 7.4 | 56.4 | 1.5 | 0.92 | 2.4 | 9.1 | <0.4 | <1 |
| 20/ F | 2 | 1052 | 470 | 9.8 | 83.8 | 0.36 | 0.29 | 0.7 | 3.5 | <0.1 | <1 |
| 21/ F | 2 | 1148 | 480 | 18 | 90.0 | 2.3 | 2.0 | 4.3 | 16 | <0.5 | 1.4 |
| 22/ F | 2 | 1305 | 495 | 14 | 85.0 | 2.5 | 1.6 | 4.1 | 12 | <0.5 | 1.1 |
| 23/ M | 1 | 617 | 400 | 14 | 67.0 | 2.2 | 1.8 | 4.0 | 12 | <0.5 | <1 |
| 24/ F | 2 | 1174 | 480 | 18 | 88.0 | 2.2 | 2.1 | 4.3 | 17 | <0.5 | 1.4 |
| 25/ M | 2 | 1120 | 460 | 11 | 51.0 | 2.6 | 2.2 | 4.8 | 12 | <0.5 | <1 |
| Mean | 2 | 1099 | 476 | 12,5 | 84,7 | <<1.5 | <<1.4 | <<2.2 | 9,2 | <<0.6 | <<1.5 |
| Minimum | 1 | 617 | 400 | 2,5 | 22,5 | 0,4 | 0,3 | 0,7 | 1,3 | <0.1 | <0.8 |
| Maximum | 4 | 2149 | 595 | 41,0 | 301,0 | 2,6 | 2,2 | 4,8 | 18,0 | 1,5 | 6,0 |
| St.Dev | 1 | 301 | 44 | 8,9 | 56,1 | ~0.7 | ~0.6 | ~1.4 | 4,6 | ~0.3 | ~1.0 |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(1) ! Missing value s/q(58) ! Suspect value

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Comments

Station: Ullerø area Fish sampled 20-24oct.2005

sample no.

- 1 Liver colour:yellow
- 2 Liver colour:yellow
- 3 Liver colour: yellow red
- 4 Liver colour: yellow red
- 5 Age uncertain Liver colour:yellow red
- 6 Liver colour:yellow red
- 7 Liver colour: yellow red
- 8 Liver colour:red
- 9 Liver colour:yellow red
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:yellow
- 11 Liver colour:yellow red
- 12 Gills with *Lernaeocera* copepods Liver colour: yellow
- 13 Gills with *Lernaeocera* copepods Liver colour: red
- 14 Gills with *Lernaeocera* copepods Liver colour: yellow red
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 16 Liver colour: red yellow
- 17 Liver colour:yellow red
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 19 Liver colour: red
- 20 Liver colour: red brown
- 21 Liver colour: yellow
- 22 Liver colour: yellow
- 23 Liver colour: yellow
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow
- 25 Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20061205** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 1 | 643 | 385 | 12,5 | 56,0 | 51,0 | 0.0262 | 1.19 | <0.02 | 16.7 | 6.0 | 11 | miss | 13 | 40 | 79 | 110 | 4.0 | 19 | <2.0 | 265 | <284 | | | | |
| 2/1 | F | 1 | 438 | 330 | 10,6 | 47,0 | 33,0 | 0.0275 | 1.65 | <0.02 | 18.6 | <2.0 | 3.8 | miss | 3.9 | 14 | 24 | 39 | <2.0 | 8.0 | <2.0 | <91 | <95 | | | | |
| 3/1 | M | 1 | 646 | 360 | 46,2 | 77,0 | 72,0 | 0.0044 | 1.98 | <0.02 | 11.2 | 3.1 | 4.2 | miss | 2.8 | 11 | 18 | 21 | <2.0 | 2.5 | <2.0 | 60 | <65 | | | | |
| 4/1 | F | 1 | 406 | 325 | 6,9 | 39,0 | 23,0 | 0.0626 | 3.30 | <0.02 | 22.4 | 1.2 | 1.6 | 8.7 | 6.4 | 16 | 35 | 52 | 1.8 | 10 | <1.0 | 125 | <134 | | | | |
| 5/1 | F | 2 | 920 | 435 | 13,0 | 29,0 | 17,0 | 0.0490 | 4.88 | <0.02 | 25.2 | 1.7 | 1.9 | 11 | 6.9 | 24 | 50 | 80 | 3.7 | 15 | <1.0 | 184 | <195 | | | | |
| 6/1 | F | 2 | 1630 | 490 | 95,7 | 78,0 | 69,0 | 0.0064 | 1.04 | <0.02 | 10.9 | 3.7 | 7.1 | miss | 6.1 | 24 | 48 | 59 | <2.0 | 10 | <2.0 | 152 | <160 | | | | |
| 7/1 | F | 1 | 1216 | 455 | 60,9 | 74,0 | 69,0 | 0.004 | 1.00 | <0.02 | 11.5 | 3.6 | 9.6 | miss | 7.8 | 23 | 51 | 64 | 2.0 | 12 | <2.0 | 163 | <175 | | | | |
| 8/1 | M | 2 | 1135 | 480 | 18,8 | 49,0 | 41,0 | 0.0889 | 2.45 | <0.02 | 20.9 | 2.9 | 7.6 | miss | 12 | 34 | 70 | 100 | 3.9 | 19 | <2.0 | 234 | <251 | | | | |
| 9/1 | M | 1 | 476 | 340 | 5,2 | 30,0 | 14,0 | 0.0969 | 3.25 | <0.02 | 28.8 | <1.0 | <1.0 | 4.7 | 4.3 | 13 | 28 | 45 | 2.1 | 10 | 1.2 | <102 | <109 | | | | |
| 10/ | M | 1 | 808 | 385 | 38,9 | 67,0 | 62,0 | 0.0044 | 0.896 | <0.02 | 8.88 | 3.3 | 5.6 | miss | 5.8 | 21 | 41 | 51 | <2.0 | 8.7 | <2.0 | 131 | <138 | | | | |
| 11/ | F | 1 | 1181 | 465 | 86,0 | 75,0 | 72,0 | 0.0029 | 2.65 | <0.02 | 11.6 | 3.5 | 5.8 | miss | 7.3 | 22 | 45 | 58 | <2.0 | 8.7 | <2.0 | 143 | <152 | | | | |
| 12/ | M | 2 | 1231 | 465 | 70,8 | 66,0 | 60,0 | 0.0063 | 1.15 | <0.02 | 10.6 | 3.7 | 8.9 | miss | 11 | 27 | 57 | 72 | 2.6 | 15 | <2.0 | 184 | <199 | | | | |
| 13/ | F | 1 | 1079 | 430 | 91,7 | 81,0 | 75,0 | 0.002 | 2.23 | <0.02 | 9.82 | 2.4 | 5.5 | miss | 3.2 | 9.0 | 19 | 22 | <2.0 | 2.6 | <2.0 | 61 | <66 | | | | |
| 14/ | M | 1 | 1213 | 445 | 68,0 | 73,0 | 67,0 | 0.0042 | 1.10 | <0.02 | 10.9 | 3.8 | 6.4 | miss | 9.6 | 24 | 47 | 59 | <2.0 | 9.6 | <2.0 | 150 | <161 | | | | |
| 15/ | M | 3 | 1326 | 475 | 80,8 | 74,0 | 68,0 | 0.003 | 0.707 | <0.02 | 9.77 | 3.9 | 7.5 | miss | 6.0 | 20 | 37 | 42 | <2.0 | 6.4 | <2.0 | 117 | <125 | | | | |
| 16/ | M | 2 | 1580 | 520 | 116,9 | 80,0 | 74,0 | 0.0035 | 2.99 | <0.02 | 9.56 | 2.5 | 4.1 | miss | 3.0 | 12 | 20 | 23 | <2.0 | 3.5 | <2.0 | 65 | <70 | | | | |
| 17/ | F | 3 | 1662 | 550 | 40,1 | 58,0 | 51,0 | 0.0420 | 1.52 | <0.02 | 20.4 | 4.7 | 10 | miss | 11 | 29 | 56 | 78 | 2.8 | 15 | <2.0 | 193 | <209 | | | | |
| 18/ | F | 2 | 1716 | 505 | 137,3 | 82,0 | 73,0 | 0.0046 | 3.07 | <0.02 | 11.5 | 2.6 | 4.1 | miss | 5.1 | 7.7 | 19 | 23 | <2.0 | 3.3 | <2.0 | 60 | <67 | | | | |
| 19/ | M | 2 | 1327 | 490 | 48,7 | 63,0 | 57,0 | 0.018 | 6.79 | <0.02 | 17.0 | <2.0 | 2.6 | miss | 6.2 | 18 | 34 | 55 | <2.0 | 12 | <2.0 | <124 | <130 | | | | |
| 20/ | M | 2 | 1725 | 535 | 75,9 | 72,0 | 66,0 | 0.003 | 0.865 | <0.02 | 9.39 | 3.4 | 8.4 | miss | 7.5 | 24 | 45 | 63 | 2.0 | 12 | <2.0 | 156 | <167 | | | | |
| 21/ | F | 2 | 659 | 390 | 41,1 | 76,0 | 71,0 | 0.0042 | 2.03 | <0.02 | 7.09 | 2.6 | 4.7 | miss | 2.9 | 9.6 | 19 | 22 | <2.0 | 2.8 | <2.0 | 61 | <66 | | | | |
| 22/ | M | | 1284 | 480 | 80,2 | 73,0 | 70,0 | 0.0058 | 1.03 | <0.02 | 10.2 | 3.3 | 5.2 | miss | 6.1 | 21 | 38 | 50 | <2.0 | 7.6 | <2.0 | 125 | <133 | | | | |
| 23/ | M | 1 | 1420 | 485 | 94,2 | 77,0 | 72,0 | 0.0089 | 2.67 | <0.02 | 19.0 | 4.0 | 9.9 | miss | 11 | 29 | 52 | 69 | 2.5 | 9.3 | <2.0 | 173 | <189 | | | | |
| 24/ | M | 2 | 1288 | 510 | 13,6 | 22,0 | 6,9 | 0.0655 | 8.15 | <0.02 | 35.3 | 0.72 | 0.47 | 3.1 | 4.7 | 15 | 34 | 57 | 2.1 | 11 | 1.2 | 121 | 129 | | | | |
| 25/ | M | 1 | 1063 | 430 | 58,4 | 74,0 | 71,0 | 0.003 | 0.973 | <0.02 | 8.70 | 3.8 | 6.2 | miss | 7.4 | 24 | 43 | 53 | <2.0 | 7.9 | <2.0 | 138 | <147 | | | | |
| Mean | | 2 | 1123 | 446 | 56,5 | 63,7 | 56,2 | 0,02 | 2,38 | <<0.02 | 15,0 | <3.0 | <5.7 | 6,9 | 6,8 | 20,5 | 40,4 | 54,7 | <<2.3 | 9,6 | <<1.9 | <135 | <<145 | | | | |
| Minimum | | 1 | 406 | 325 | 5,2 | 22,0 | 6,9 | 0,00 | 0,71 | <0.02 | 7,1 | 0,7 | 0,5 | 3,1 | 2,8 | 7,7 | 18,0 | 21,0 | 1,8 | 2,5 | <1.0 | 60 | <65 | | | | |
| Maximum | | 3 | 1725 | 550 | 137,3 | 82,0 | 75,0 | 0,10 | 8,15 | <0.02 | 35,3 | 6,0 | 11,0 | 11,0 | 13,0 | 40,0 | 79,0 | 110,0 | 4,0 | 19,0 | <2.0 | 265 | <284 | | | | |
| St.Dev | | 1 | 406 | 64 | 36,8 | 17,8 | 21,1 | 0,03 | 1,85 | ~0.00 | 7,2 | ~1.2 | ~3.0 | 3,6 | 3,0 | 8,0 | 16,1 | 23,1 | ~0.6 | 4,7 | ~0.3 | ~54 | ~58 | | | | |
| Count | | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 4 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|--------|-------|--------|-------|-------|-------|------|------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 1 | 643 | 385 | 28 | 19 | 142.0 | <2.0 | <2.0 | <2.0 | 16 | 1.7 | <2.0 |
| 2/1 | F | 1 | 438 | 330 | <6.0 | <4.0 | <24.0 | <2.0 | <2.0 | <2.0 | 6.7 | <1.0 | <2.0 |
| 3/1 | M | 1 | 646 | 360 | 11 | 5.6 | 39.6 | <2.0 | <2.0 | <2.0 | 13 | 1.5 | <2.0 |
| 4/1 | F | 1 | 406 | 325 | 5.2 | 2.9 | 41.1 | <1.0 | <1.0 | <1.0 | 6.1 | 0.52 | <1.0 |
| 5/1 | F | 2 | 920 | 435 | 4.9 | 6.6 | 65.5 | <1.0 | <1.0 | <1.0 | 4.5 | <0.5 | <1.0 |
| 6/1 | F | 2 | 1630 | 490 | 17 | 9.4 | 82.4 | <2.0 | <2.0 | <2.0 | 16 | 2.0 | <2.0 |
| 7/1 | F | 1 | 1216 | 455 | 15 | 11 | 90.0 | <2.0 | <2.0 | <2.0 | 14 | 1.9 | <2.0 |
| 8/1 | M | 2 | 1135 | 480 | 15 | 13 | 108.0 | <2.0 | <2.0 | <2.0 | 11 | <1.0 | <2.0 |
| 9/1 | M | 1 | 476 | 340 | 3.7 | 2.6 | 26.3 | <1.0 | <1.0 | <1.0 | 4.6 | <0.5 | <1.0 |
| 10/ | M | 1 | 808 | 385 | 15 | 6.8 | 73.8 | <2.0 | <2.0 | <2.0 | 13 | 1.5 | <2.0 |
| 11/ | F | 1 | 1181 | 465 | 15 | 9.5 | 71.5 | <2.0 | <2.0 | <2.0 | 16 | 2.3 | <2.0 |
| 12/ | M | 2 | 1231 | 465 | 17 | 12 | 93.0 | <2.0 | <2.0 | <2.0 | 14 | 1.6 | <2.0 |
| 13/ | F | 1 | 1079 | 430 | <6.0 | 4.4 | <33.4 | <2.0 | <2.0 | <2.0 | 11 | 2.3 | <2.0 |
| 14/ | M | 1 | 1213 | 445 | 16 | 8.9 | 80.9 | <2.0 | <2.0 | <2.0 | 14 | 2.0 | <2.0 |
| 15/ | M | 3 | 1326 | 475 | 17 | 9.9 | 77.9 | <2.0 | <2.0 | <2.0 | 14 | 1.9 | <2.0 |
| 16/ | M | 2 | 1580 | 520 | 7.1 | 4.9 | 36.0 | <2.0 | <2.0 | <2.0 | 11 | 2.3 | <2.0 |
| 17/ | F | 3 | 1662 | 550 | 16 | 15 | 104.0 | <2.0 | <2.0 | <2.0 | 14 | 1.1 | <2.0 |
| 18/ | F | 2 | 1716 | 505 | <6.0 | <4.0 | <29.0 | <2.0 | <2.0 | <2.0 | 9.3 | 2.4 | <2.0 |
| 19/ | M | 2 | 1327 | 490 | <6.0 | <4.0 | <34.0 | <2.0 | <2.0 | <2.0 | 8.3 | <1.0 | <2.0 |
| 20/ | M | 2 | 1725 | 535 | 8.6 | 7.3 | 67.9 | <2.0 | <2.0 | <2.0 | 15 | 1.3 | <2.0 |
| 21/ | F | 2 | 659 | 390 | <6.0 | 4.5 | <33.5 | <2.0 | <2.0 | <2.0 | 11 | 1.9 | <2.0 |
| 22/ | M | | 1284 | 480 | 13 | 6.8 | 70.8 | <2.0 | <2.0 | <2.0 | 13 | 1.7 | <2.0 |
| 23/ | M | 1 | 1420 | 485 | <6.0 | 7.8 | <69.8 | <2.0 | <2.0 | <2.0 | 15 | 2.1 | <2.0 |
| 24/ | M | 2 | 1288 | 510 | <6.0 | 2.2 | <34.2 | <0.2 | <0.2 | <0.2 | 1.7 | 0.11 | 0.27 |
| 25/ | M | 1 | 1063 | 430 | 16 | 7.8 | 77.8 | <2.0 | <2.0 | <2.0 | 15 | 1.9 | <2.0 |
| Mean | | 2 | 1123 | 446 | <<11.3 | <7.6 | <<64.3 | <<1.8 | <<1.8 | <<1.8 | 11,5 | <1.5 | <<1.8 |
| Minimum | | 1 | 406 | 325 | 3,7 | 2,2 | <24.0 | <0.2 | <0.2 | <0.2 | 1,7 | 0,1 | 0,3 |
| Maximum | | 3 | 1725 | 550 | 28,0 | 19,0 | 142,0 | <2.0 | <2.0 | <2.0 | 16,0 | 2,4 | <2.0 |
| St.Dev | | 1 | 406 | 64 | ~6.0 | ~4.1 | ~30.4 | ~0.5 | ~0.5 | ~0.5 | 4,1 | ~0.7 | ~0.5 |
| Count | | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(21) ! Missing value

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Comments

Station: Ullerø area

sample no.

- 1 Liver colour: yellow red
- 2 Liver colour: yellow red
- 3 Liver colour: yellow red
- 4 Liver colour: red yellow
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red brown
- 6 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour : yellow red
- 7 Liver colour: yellow red
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 9 Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 10 Liver colour: yellow
- 11 Liver colour: yellow red
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour yellow red
- 14 Liver colour: yellow red
- 15 age uncertain Liver colour: yellow red
- 16 Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 17 Liver colour: red yellow
- 18 Liver colour: yellow red
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red yellow
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour:red yellow
- 21 Liver colour:yellow red
- 22 Signs of mechanical damage (e.g., net wounds) Liver and/or intestinal guts with larvae of *Anisakis simplex*
Otoliths missed Liver colour: yellow red
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red brown
- 25 Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: LIVER
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20021019** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|-------|--------|-------|-------|-------|--------|--------|-------|-------|-------|---------|---------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 2 | 536 | 410 | 6,4 | 24,1 | 4,4 | 0.842 | 15.0 | 0.517 | 55.0 | 0.38 | 0.31 | 1.5 | 22 | 55 | 120 | 140 | 15 | 29 | 0.33 | 346 | 384 | | | | | | |
| 2/1 | F | 2 | 694 | 420 | 11,8 | 40,7 | 26,0 | 0.498 | 9.05 | 0.418 | 42.6 | 2.1 | 3.6 | 19 | 41 | 110 | 220 | 320 | 21 | 75 | <1.0 | 750 | <813 | | | | | | |
| 3/1 | F | 2 | 916 | 435 | 50,2 | 70,0 | 61,0 | 0.0229 | 13.6 | 0.0059 | 31.1 | <3.5 | 11 | 66 | 32 | 88 | 150 | 190 | 14 | 38 | <3.5 | <547 | <593 | | | | | | |
| 4/1 | F | 1 | 275 | 320 | 2,0 | | 3,0 | miss | miss | miss | miss | 0.87 | 0.53 | 3.3 | 1.8 | 9.9 | 27 | 79 | 4.4 | 33 | <0.40 | 154 | <160 | | | | | | |
| 5/1 | M | 1 | 329 | 310 | 4,0 | 31,2 | 10,0 | miss | miss | miss | miss | 0.97 | 3.6 | 25 | 6.4 | 34 | 99 | 260 | 12 | 99 | <0.30 | 522 | <540 | | | | | | |
| 6/1 | F | 4 | 1095 | 480 | 16,4 | 40,6 | 30,0 | 2.75 | 23.9 | 0.210 | 46.9 | 3.5 | 17 | 131 | 51 | 160 | 600 | 1100 | 46 | 410 | <1.0 | 2422 | <2520 | | | | | | |
| 7/1 | F | 2 | 700 | 410 | 15,8 | 42,4 | 33,0 | 0.802 | 11.6 | 0.568 | 30.3 | 2.1 | 6.8 | 44 | 38 | 100 | 210 | 280 | 21 | 68 | <1.0 | 711 | <771 | | | | | | |
| 8/1 | M | 1 | 536 | 390 | 12,4 | 60,2 | 54,0 | 0.401 | 5.48 | 0.144 | 26.8 | 2.2 | 9.8 | 68 | 66 | 180 | 290 | 370 | 33 | 86 | <1.6 | 1006 | <1107 | | | | | | |
| 9/1 | F | 1 | 360 | 330 | 4,2 | 41,0 | 23,0 | miss | miss | miss | miss | 3.0 | 11 | 66 | 40 | 130 | 340 | 680 | 34 | 240 | <1.0 | 1470 | <1545 | | | | | | |
| 10/ | F | 2 | 358 | 390 | 2,8 | | 2,5 | miss | miss | miss | miss | <0.30 | 0.49 | 9.0 | 13 | 36 | 98 | 150 | 12 | 51 | <0.30 | <345 | <370 | | | | | | |
| 11/ | F | 1 | 228 | 300 | 1,7 | | 2,9 | miss | miss | miss | miss | <0.60 | <0.60 | 1.7 | 2.0 | 5.6 | 11 | 22 | 1.2 | 5.8 | <0.60 | <47 | <50 | | | | | | |
| 12/ | F | 3 | 900 | 470 | 13,2 | 32,5 | 17,0 | 1.24 | 11.9 | 1.02 | 40.00 | 2.6 | 11 | 79 | 110 | 300 | 590 | 790 | 65 | 200 | <0.60 | 1973 | <2148 | | | | | | |
| 13/ | F | 1 | 513 | 360 | 12,2 | 40,7 | 26,0 | 0.232 | 5.96 | 0.221 | 23.8 | 1.1 | 8.8 | 13 | 8.7 | 30 | 63 | 100 | 6.9 | 20 | <0.60 | 236 | <252 | | | | | | |
| 14/ | F | 1 | 502 | 380 | 5,8 | 30,0 | 15,0 | 0.413 | 8.50 | 0.133 | 36.1 | 20 | 350 | 1100 | 690 | 1800 | 2100 | 2200 | 230 | 370 | 0.72 | 7940 | 8861 | | | | | | |
| 15/ | F | 1 | 459 | 350 | 10,8 | 46,6 | 38,0 | 0.0945 | 1.51 | 0.0567 | 18.9 | 4.7 | 80 | 340 | 210 | 480 | 680 | 710 | 69 | 120 | <1.5 | 2415 | <2695 | | | | | | |
| 16/ | F | 1 | 384 | 360 | 4,6 | 24,8 | 6,6 | miss | miss | miss | miss | 0.32 | 1.4 | 2.0 | 26 | 68 | 140 | 170 | 16 | 36 | <0.30 | 418 | <460 | | | | | | |
| 17/ | F | 2 | 796 | 440 | 11,0 | 28,0 | 12,0 | 0.192 | 18.5 | 0.0508 | 39.0 | 100 | 11000 | 74000 | 37000 | 92000 | 130000 | 110000 | 14000 | 10000 | <0.90 | 427100 | <478101 | | | | | | |
| 18/ | M | 4 | 1044 | 490 | 9,8 | 21,0 | 3,5 | 0.696 | 38.5 | 0.126 | 65.7 | 0.79 | 8.1 | 240 | 460 | 1100 | 1800 | 1900 | 210 | 270 | 0.38 | 5319 | 5989 | | | | | | |
| 19/ | F | 2 | 797 | 440 | 6,0 | 25,9 | 8,6 | 0.381 | 49.0 | 0.140 | 66.6 | 3.3 | 4900 | 46000 | 25000 | 63000 | 87000 | 72000 | 10000 | 8400 | 1.30 | 281303 | 316305 | | | | | | |
| 20/ | F | 4 | 1058 | 510 | 11,8 | 27,6 | 12,0 | 0.718 | 13.8 | 0.117 | 38.4 | 3.4 | 2200 | 20000 | 12000 | 30000 | 44000 | 42000 | 5700 | 4500 | <1.0 | 142703 | <160404 | | | | | | |
| 21/ | M | 2 | 679 | 410 | 8,0 | 24,7 | 8,0 | 0.190 | 16.0 | 0.190 | 48.6 | 3.2 | 2700 | 36000 | 28000 | 72000 | 110000 | 100000 | 13000 | 12000 | 1.6 | 332703 | 373705 | | | | | | |
| 22/ | F | 5 | 2890 | 670 | 40,2 | 39,1 | 25,0 | 0.450 | 19.0 | 0.0378 | 33.7 | 3.5 | 9.6 | 120 | 100 | 290 | 560 | 720 | 51 | 110 | <1.0 | 1813 | <1965 | | | | | | |
| 23/ | F | 3 | 516 | 370 | 4,6 | 23,7 | 3,1 | miss | miss | miss | miss | 0.55 | 1.1 | 4.5 | 15 | 36 | 66 | 77 | 9.4 | 17 | <0.30 | 202 | <227 | | | | | | |
| 24/ | M | 2 | 380 | 340 | 5,0 | 32,8 | 17,0 | miss | miss | miss | miss | 1.4 | 4.3 | 35 | 58 | 160 | 300 | 370 | 38 | 85 | <1.0 | 956 | <1053 | | | | | | |
| 25/ | M | 2 | 324 | 330 | 3,0 | | 5,1 | miss | miss | miss | miss | 0.49 | 0.54 | 2.2 | 20 | 53 | 95 | 130 | 13 | 32 | <0.30 | 313 | <347 | | | | | | |
| Mean | | 2 | 691 | 405 | 10,9 | 35,6 | 17,9 | 0,62 | 16,33 | 0,25 | 40,2 | <6.6 | <853.6 | 7135 | 4160 | 10489 | 15182 | 13390 | 1745 | 1492 | <<0.9 | <48549 | <<54455 | | | | | | |
| Minimum | | 1 | 228 | 300 | 1,7 | 21,0 | 2,5 | 0,02 | 1,51 | 0,01 | 18,9 | <0.3 | 0,3 | 1,5 | 1,8 | 5,6 | 11,0 | 22,0 | 1,2 | 5,8 | <0.3 | <47 | <50 | | | | | | |
| Maximum | | 5 | 2890 | 670 | 50,2 | 70,0 | 61,0 | 2,75 | 49,00 | 1,02 | 66,6 | 100,0 | 11000 | 74000 | 37000 | 92000 | 130000 | 110000 | 14000 | 12000 | <3.5 | 427100 | <478101 | | | | | | |
| St.Dev | | 1 | 526 | 80 | 11,3 | 12,4 | 15,9 | 0,65 | 12,23 | 0,26 | 13,7 | ~19.8 | ~2407 | 18277 | 10186 | 25635 | 36941 | 32001 | 4191 | 3414 | ~0.7 | ~117932 | ~132292 | | | | | | |
| Count | | 25 | 25 | 25 | 25 | 21 | 25 | 16 | 16 | 16 | 16 | 16 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 2 | 536 | 410 | | 23 | 193.0 | <0.30 | <0.30 | <0.3 | 0.68 | 0.46 | <0.15 | |
| 2/1 | F | 2 | 694 | 420 | | 40 | 300.0 | <1.0 | 1.4 | <2.4 | 5.5 | 4.0 | <0.50 | |
| 3/1 | F | 2 | 916 | 435 | | 43 | 243.0 | <3.5 | <3.5 | <3.5 | 8.0 | 11 | <1.7 | |
| 4/1 | F | 1 | 275 | 320 | | 2.0 | 14.0 | <0.40 | <0.40 | <0.4 | 0.76 | <0.20 | <0.20 | |
| 5/1 | M | 1 | 329 | 310 | | 17 | 94.0 | 0.38 | 0.73 | 1.1 | 2.5 | 1.1 | 0.20 | |
| 6/1 | F | 4 | 1095 | 480 | 52 | 33 | 375.0 | 1.0 | 1.5 | 2.5 | 10 | 3.6 | 0.74 | |
| 7/1 | F | 2 | 700 | 410 | | 98 | 418.0 | 1.1 | 1.6 | 2.7 | 4.8 | 5.0 | <0.50 | |
| 8/1 | M | 1 | 536 | 390 | | 51 | 401.0 | 1.9 | 2.7 | 4.6 | 10 | 5.9 | <0.80 | |
| 9/1 | F | 1 | 360 | 330 | | 29 | 299.0 | <1.0 | 1.2 | <2.2 | 6.1 | 2.7 | <0.50 | |
| 10/ | F | 2 | 358 | 390 | | 3.6 | 43.6 | <0.30 | <0.30 | <0.3 | 0.33 | <0.15 | <0.15 | |
| 11/ | F | 1 | 228 | 300 | | 1.1 | 12.1 | <0.60 | <0.60 | <0.6 | 0.38 | <0.30 | <0.30 | |
| 12/ | F | 3 | 900 | 470 | 60 | 52 | 342.0 | <0.60 | 0.86 | <1.5 | 2.5 | 2.6 | 0.51 | |
| 13/ | F | 1 | 513 | 360 | | 15 | 87.0 | 0.98 | 1.5 | 2.5 | 3.7 | 3.2 | <0.30 | |
| 14/ | F | 1 | 502 | 380 | | 40 | 260.0 | 0.53 | 0.71 | 1.2 | 3.0 | 2.1 | 3.0 | |
| 15/ | F | 1 | 459 | 350 | | 26 | 176.0 | <1.5 | 2.2 | <3.7 | 5.6 | 7.0 | 1.3 | |
| 16/ | F | 1 | 384 | 360 | | 6.8 | 54.8 | <0.30 | 0.39 | <0.7 | 0.72 | 0.69 | <0.15 | |
| 17/ | F | 2 | 796 | 440 | | s80 | s500.0 | 1.5 | 0.64 | 2.1 | 2.8 | 1.4 | miss | |
| 18/ | M | 4 | 1044 | 490 | 35 | 33 | 758.0 | <0.30 | <0.30 | <0.3 | 0.62 | 0.32 | 0.62 | |
| 19/ | F | 2 | 797 | 440 | | s150 | s870.0 | 0.64 | 0.39 | 1.0 | 3.4 | 1.1 | miss | |
| 20/ | F | 4 | 1058 | 510 | miss | s32 | s442.0 | 0.82 | 0.61 | 1.4 | 4.0 | 1.6 | miss | |
| 21/ | M | 2 | 679 | 410 | | miss | s310.0 | 0.46 | 0.34 | 0.8 | 1.8 | 1.2 | miss | |
| 22/ | F | 5 | 2890 | 670 | 45 | 34 | 499.0 | <1.0 | 1.4 | <2.4 | 5.7 | 4.6 | 0.81 | |
| 23/ | F | 3 | 516 | 370 | | 3.4 | 35.4 | <0.30 | <0.30 | <0.3 | 0.48 | 0.21 | <0.15 | |
| 24/ | M | 2 | 380 | 340 | | 25 | 225.0 | <1.0 | <0.10 | <1.0 | 3.1 | 2.1 | <0.50 | |
| 25/ | M | 2 | 324 | 330 | | 4.8 | 44.8 | <0.30 | <0.30 | <0.3 | 0.78 | 0.47 | <0.15 | |
| Mean | | 2 | 691 | 405 | | 48,0 | 27,7 | 232,1 | <<0.9 | <<1.0 | <<1.6 | 3,5 | <2.5 | <<0.6 |
| Minimum | | 1 | 228 | 300 | | 35,0 | 1,1 | 12,1 | <0.3 | <0.1 | <0.3 | 0,3 | <0.2 | <0.2 |
| Maximum | | 5 | 2890 | 670 | | 60,0 | 98,0 | 758,0 | <3.5 | <3.5 | 4,6 | 10,0 | 11,0 | 3,0 |
| St.Dev | | 1 | 526 | 80 | | 10,6 | 22,9 | 191,7 | ~0.7 | ~0.8 | ~1.2 | 2,9 | ~2.6 | ~0.7 |
| Count | | 25 | 25 | 25 | | 4 | 21 | 21 | 25 | 25 | 25 | 25 | 25 | 21 |

miss(42) ! Missing value s/q(11) ! Suspect value

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Comments

Station: Inner Sørfjord Fished between 16.-19.oct2002
Water temp. 5,2-8,8 C

sample no.

1 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red brown
2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white red
3 Liver colour: white
4 Liver colour: red
5 Liver colour: brown
6 Liver colour: white
7 Age uncertain Liver colour: white
8 Liver colour: white
9 Liver colour: white
10 Liver colour: red
11 Liver colour: red
12 Liver colour: white
13 Skin with ulceration, lymphocytic areas and/or lesions Liver colour: white
14 Liver colour: red white
15 Liver colour: white
16 Age uncertain Liver colour: red
17 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: brown
18 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red brown
19 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: brown
20 Age uncertain Liver colour: red brown
21 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: brown
22 Liver colour: brown
23 Liver colour: red brown
24 Liver colour: brown white
25 Age uncertain Liver colour: red

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Species : GADU MOR Gadus morhua GB: Cod, N: Torsk
 Sample area: J63 Sørkjorden Tissue: LIVER
 Locality : 53B Inner Sørkjord Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : 20030930 Count: 25 Sample type: Individual

| Analytical lab. => Analysis code => Detection limit => | NIVA | | | | | | | | | | | | | | | | | | | | | Calc | Calc |
|--|---------------------|----------|----------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------|-------|-------|------|
| | 315 | 315 | 315 | 315 | 315 | 315 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | | |
| Sam Sex Age Wght Lngt rep F/M year g mm no. | Mean weight g | Dry % | Fat % | CD ppm w.wt | CU ppm w.wt | PB ppm w.wt | ZN ppm w.wt | CB28 ppb w.wt | CB52 ppb w.wt | CB101 ppb w.wt | CB105 ppb w.wt | CB118 ppb w.wt | CB138 ppb w.wt | CB153 ppb w.wt | CB156 ppb w.wt | CB180 ppb w.wt | CB209 ppb w.wt | CB_Σ7 ppb w.wt | CB_ΣΣ ppb w.wt | | | | |
| 1/1 F | 3 | 1974 | 600 | 66,0 | 64,2 | 55,2 | 0.115 | 12.4 | 0.02 | 23.5 | 3.5 | 5.7 | 50 | 43 | 120 | 210 | 310 | 24 | 39 | <2 | 738 | <807 | |
| 2/1 F | 3 | 923 | 475 | 11,2 | 30,6 | 12,3 | 0.258 | 15.0 | 0.08 | 45.8 | 1.2 | 1.8 | 16 | 53 | 150 | 300 | 380 | 39 | 71 | 0.61 | 920 | 1013 | |
| 3/1 F | 3 | 2058 | 600 | 24,0 | 36,5 | 22,0 | 0.285 | 17.1 | 0.03 | 45.2 | 3.8 | 8.5 | 64 | 63 | 170 | 350 | 490 | 48 | 140 | <1 | 1226 | <1338 | |
| 4/1 F | 3 | 1390 | 525 | 47,6 | 60,2 | 50,7 | 0.152 | 11.4 | 0.06 | 25.9 | 2.7 | 4.9 | 40 | 50 | 130 | 250 | 320 | 32 | 82 | <2 | 830 | <914 | |
| 5/1 F | 3 | 935 | 480 | 10,6 | 26,8 | 8,3 | 0.334 | 11.1 | 0.04 | 46.4 | 0.98 | 0.74 | 5.1 | 15 | 42 | 100 | 160 | 13 | 48 | <0.5 | 357 | <385 | |
| 6/1 F | 2 | 455 | 360 | 8,8 | 45,9 | 27,7 | 0.0900 | 5.82 | 0.03 | 25.2 | 1.7 | 1.9 | 16 | 22 | 60 | 110 | 160 | 14 | 39 | <1 | 389 | <426 | |
| 7/1 M | 2 | 545 | 400 | 8,8 | 40,3 | 27,9 | 0.183 | 11.9 | 0.02 | 32.0 | 2.5 | 4.8 | 31 | 33 | 87 | 120 | 160 | 15 | 39 | <1 | 444 | <493 | |
| 8/1 F | 2 | 527 | 380 | 6,8 | 37,8 | 8,2 | 0.263 | 8.78 | 0.13 | 33.6 | miss | 0.95 | 5.6 | 11 | 31 | 58 | 81 | 7.6 | 18 | <0.5 | 195 | <214 | |
| 9/1 F | 2 | 466 | 370 | 8,0 | 57,1 | 45,3 | 0.105 | 4.74 | 0.02 | 22.4 | <2 | 3.9 | 11 | 25 | 64 | 100 | 160 | 18 | 39 | <2 | <380 | <423 | |
| 10/ M | 2 | 417 | 375 | 3,6 | 20,0 | 2,3 | 0.666 | 17.2 | 0.07 | 50.1 | <0.5 | <0.5 | 1.2 | 1.4 | 2.9 | 5.1 | 12 | 1.0 | 3.9 | <0.5 | <26 | <28 | |
| 11/ M | 3 | 667 | 410 | 5,4 | 31,8 | 12,5 | 0.248 | 15.7 | 0.05 | 46.0 | 1.4 | 2.5 | 19 | 39 | 110 | 220 | 310 | 30 | 88 | 0.98 | 751 | 821 | |
| 12/ M | 2 | 428 | 365 | 5,2 | 40,7 | 23,3 | 0.261 | 6.09 | 0.03 | 30.3 | 1.6 | 3.9 | 20 | 25 | 67 | 150 | 220 | 20 | 71 | <1 | 534 | <580 | |
| 13/ F | 2 | 386 | 350 | 3,8 | 34,0 | 16,0 | 0.353 | 16.7 | 0.04 | 39.7 | 3.2 | 5.5 | 19 | 24 | 61 | 120 | 170 | 16 | 57 | <1 | 436 | <477 | |
| 14/ M | 2 | 239 | 305 | 2,4 | | 5,5 | miss | miss | miss | miss | <1 | <1 | 3.7 | 11 | 29 | 52 | 73 | 7.8 | 26 | <1 | <185 | <204 | |
| 15/ F | 2 | 438 | 375 | 3,0 | | 3,5 | miss | miss | miss | miss | <0.5 | <0.5 | 2.7 | 5.8 | 15 | 29 | 42 | 4.9 | 11 | miss | <100 | <111 | |
| 16/ F | 2 | 383 | 350 | 3,2 | 33,3 | | 0.258 | 6.16 | 0.08 | 35.6 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | | | |
| 17/ M | 2 | 328 | 330 | 3,2 | | 4,8 | miss | miss | miss | miss | <0.5 | 0.96 | 6.1 | 16 | 41 | 86 | 110 | 13 | 37 | 0.65 | <282 | <311 | |
| 18/ F | 2 | 302 | 325 | 2,4 | | 4,4 | miss | miss | miss | miss | 1.6 | 1.1 | 3.9 | 9.8 | 22 | 46 | 69 | 8.0 | 29 | <1 | 173 | <191 | |
| 19/ F | 2 | 320 | 315 | 4,0 | 34,6 | 15,0 | 0.116 | 3.64 | 0.04 | 23.8 | <1 | 2.5 | 7.1 | 15 | 35 | 62 | 84 | 9.5 | 24 | <1 | <216 | <240 | |
| 20/ M | 1 | 380 | 345 | 3,0 | | 2,3 | miss | miss | miss | miss | <0.5 | <0.5 | 1.5 | 3.0 | 6.9 | 9.2 | 13 | 1.5 | 3.4 | <0.5 | <35 | <39 | |
| 21/ F | 1 | 206 | 275 | 2,4 | 37,0 | | 0.177 | 7.48 | 0.05 | 31.4 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | | | |
| 22/ F | 2 | 315 | 320 | 2,2 | | 3,5 | miss | miss | miss | miss | <1 | <1 | 3.0 | 12 | 32 | 61 | 85 | 11 | 28 | <1 | <210 | <233 | |
| 23/ F | 1 | 178 | 280 | 1,2 | | 3,1 | miss | miss | miss | miss | <2 | <2 | <2 | 7.2 | 14 | 31 | 38 | 5.2 | 11 | <2 | <96 | <108 | |
| 24/ F | 2 | 254 | 310 | 1,8 | | 3,9 | miss | miss | miss | miss | <2 | <2 | 4.8 | 8.3 | 19 | 33 | 44 | 5.7 | 12 | <2 | <115 | <129 | |
| 25/ F | 1 | 249 | 305 | 2,0 | | | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | | | |
| Mean | 2 | 591 | 381 | 9,6 | 39,4 | 16,3 | 0,24 | 10,70 | 0,05 | 34,8 | <<1.7 | <<2.6 | <15.1 | 22,4 | 59,5 | 113,7 | 158,7 | 15,6 | 41,7 | <<1.1 | <<393 | <<431 | |
| Minimum | 1 | 178 | 275 | 1,2 | 20,0 | 2,3 | 0,09 | 3,64 | 0,02 | 22,4 | <0.5 | <0.5 | 1,2 | 1,4 | 2,9 | 5,1 | 12,0 | 1,0 | 3,4 | <0.5 | <26 | <28 | |
| Maximum | 3 | 2058 | 600 | 66,0 | 64,2 | 55,2 | 0,67 | 17,20 | 0,13 | 50,1 | 3,8 | 8,5 | 64,0 | 63,0 | 170,0 | 350,0 | 490,0 | 48,0 | 140,0 | <2.0 | 1226 | <1338 | |
| St.Dev | 1 | 507 | 90 | 15,2 | 12,1 | 16,2 | 0,14 | 4,71 | 0,03 | 9,5 | ~1.0 | ~2.2 | ~17.0 | 17,4 | 48,4 | 95,7 | 129,7 | 12,3 | 32,8 | ~0.5 | ~321 | ~350 | |
| Count | 25 | 25 | 25 | 25 | 16 | 22 | 16 | 16 | 16 | 16 | 21 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 22 | 22 | |

| Analytical lab. => Analysis code => Detection limit => | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | | |
|--|----------------------|----------------------|----------------------|---------------------|---------------------|----------------------|--------------------|--------------------|--------------------|-----|------|------|
| | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | | |
| Sam Sex Age Wght Lngt rep F/M year g mm no. | DDTPP ppb w.wt | TDBPP ppb w.wt | DD_Σ4 ppb w.wt | HCHA ppb w.wt | HCHG ppb w.wt | HC_Σ2 ppb w.wt | HCB ppb w.wt | QCB ppb w.wt | OCS ppb w.wt | | | |
| 1/1 F | 3 | 1974 | 600 | 92 | 33 | 495.0 | 1.9 | 2.2 | 4.1 | 9.3 | 2.8 | <1 |
| 2/1 F | 3 | 923 | 475 | 83 | 41 | 514.0 | <0.5 | <0.5 | <0.5 | 3.1 | 0.42 | 0.36 |
| 3/1 F | 3 | 2058 | 600 | 190 | 75 | 905.0 | 0.75 | 0.90 | 1.7 | 8.7 | 1.2 | 1.2 |

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| | | | | | | | | | | | | | |
|---------|----|------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4/1 F | 3 | 1390 | 525 | 100 | 46 | 506.0 | <2 | <2 | <2.0 | 14 | 4.1 | <1 | |
| 5/1 F | 3 | 935 | 480 | 16 | 15 | 141.0 | <0.5 | <0.5 | <0.5 | 1.9 | 0.26 | <0.25 | |
| 6/1 F | 2 | 455 | 360 | | 49 | 389.0 | <1 | 1.0 | <2.0 | 4.1 | 0.68 | <0.5 | |
| 7/1 M | 2 | 545 | 400 | | 55 | 525.0 | <1 | 1.0 | <2.0 | 8.6 | 2.8 | 0.72 | |
| 8/1 F | 2 | 527 | 380 | | 22 | 172.0 | <0.5 | <0.5 | <0.5 | 1.4 | <0.25 | <0.25 | |
| 9/1 F | 2 | 466 | 370 | | 27 | 167.0 | <2 | <2 | <2.0 | 6.2 | 1.5 | 0.53 | |
| 10/ M | 2 | 417 | 375 | | 5.6 | 29.6 | <0.5 | <0.5 | <0.5 | <0.25 | <0.25 | <0.25 | |
| 11/ M | 3 | 667 | 410 | | 45 | 475.0 | <0.5 | <0.5 | <0.5 | 4.3 | 0.67 | 0.69 | |
| 12/ M | 2 | 428 | 365 | | 42 | 382.0 | <1 | <1 | <1.0 | 8.0 | 0.90 | 0.61 | |
| 13/ F | 2 | 386 | 350 | | 72 | 462.0 | <1 | <1 | <1.0 | 5.0 | 0.62 | 0.61 | |
| 14/ M | 2 | 239 | 305 | | 11 | 100.0 | <1 | <1 | <1.0 | 2.2 | <0.5 | <0.5 | |
| 15/ F | 2 | 438 | 375 | | 7.1 | 50.1 | <0.5 | <0.5 | <0.5 | 0.88 | <0.25 | <0.25 | |
| 16/ F | 2 | 383 | 350 | | miss | | miss | miss | | miss | miss | miss | |
| 17/ M | 2 | 328 | 330 | | 15 | 195.0 | <0.5 | <0.5 | <0.5 | 1.1 | <0.25 | <0.25 | |
| 18/ F | 2 | 302 | 325 | | 14 | 75.0 | <1 | <1 | <1.0 | 1.4 | <0.5 | <0.5 | |
| 19/ F | 2 | 320 | 315 | | 25 | 155.0 | <1 | <1 | <1.0 | 2.3 | <0.5 | <0.5 | |
| 20/ M | 1 | 380 | 345 | | 5.1 | 29.1 | <0.5 | <0.5 | <0.5 | 0.32 | <0.25 | <0.25 | |
| 21/ F | 1 | 206 | 275 | | miss | | miss | miss | | miss | miss | miss | |
| 22/ F | 2 | 315 | 320 | | 5.5 | 67.5 | <1 | <1 | <1.0 | 0.58 | <0.5 | <0.5 | |
| 23/ F | 1 | 178 | 280 | | 3.0 | 27.0 | <2 | <2 | <2.0 | <1 | <1 | <1 | |
| 24/ F | 2 | 254 | 310 | | 9.5 | 69.5 | <2 | <2 | <2.0 | <1 | <1 | <1 | |
| 25/ F | 1 | 249 | 305 | | miss | | miss | miss | | miss | miss | miss | |
| Mean | 2 | 591 | 381 | | 96,2 | 28,3 | 269,6 | <<1.0 | <<1.1 | <<1.3 | <3.9 | <<1.0 | <<0.6 |
| Minimum | 1 | 178 | 275 | | 16,0 | 3,0 | 27,0 | <0.5 | <0.5 | <0.5 | <0.3 | <0.3 | <0.3 |
| Maximum | 3 | 2058 | 600 | | 190,0 | 75,0 | 905,0 | <2.0 | 2,2 | 4,1 | 14,0 | 4,1 | 1,2 |
| St.Dev | 1 | 507 | 90 | | 62,1 | 22,0 | 235,7 | ~0.6 | ~0.6 | ~0.9 | ~3.7 | ~1.0 | ~0.3 |
| Count | 25 | 25 | 25 | | 5 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |

miss(89) ! Missing value

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Comments

Station: Inner Sørfjord

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
Liver colour: red white
- 2 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: yellow brown
- 3 Age uncertain Signs of mechanical damage (e.g., net wounds)
Liver colour: red brown
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white
- 5 Liver colour: brown
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow brown
- 7 Liver colour: yellow brown
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Bacterial fin rot
Liver colour: brown
- 9 Liver colour: white
- 10 Skin with ulceration, lymphocytic areas and/or lesions Liver colour: red
- 11 Age uncertain Liver colour: brown
- 12 Liver colour: yellow brown
- 13 Age uncertain liver colour: white
- 14 Age uncertain @41 Skin with ulceration, lymphocytic areas and/or lesions
Liver colour: brown
- 15 Liver colour: brown
- 16 Liver colour: brown
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: brown
- 18 Liver colour: brown
- 19 Age uncertain Signs of mechanical damage (e.g., net wounds)
Liver colour: brown
- 20 Age uncertain Liver colour: brown
- 21 Liver colour: red white
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow brown
- 23 Age uncertain Liver colour: brown
no sample
- 24 Liver colour: brown
- 25 Liver colour: brown

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: LIVER
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20040922** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 2 | 513 | 385 | 7,1 | 39,7 | 21,0 | 0.140 | 22.5 | 0.06 | 42.8 | 1.9 | 5.8 | 37 | 29 | 85 | 120 | 160 | 11 | 34 | <0.5 | 444 | <484 | | | | |
| 2/1 | M | 2 | 781 | 440 | 8,0 | 33,3 | 16,0 | 0.368 | 20.3 | 0.08 | 50.7 | 2.7 | 2.9 | 15 | 32 | 89 | 160 | 220 | 15 | 55 | <0.5 | 545 | <592 | | | | |
| 3/1 | M | 1 | 490 | 375 | 6,6 | 35,8 | 34,0 | 0.117 | 4.71 | 0.03 | 24.6 | 0.78 | 4.8 | 17 | 28 | 78 | 130 | 190 | 15 | 42 | <0.5 | 463 | <506 | | | | |
| 4/1 | F | 2 | 805 | 440 | 9,2 | 47,1 | 14,0 | 0.624 | 13.1 | 0.07 | 38.5 | 1.1 | 3.5 | 29 | 33 | 96 | 190 | 260 | 17 | 65 | <0.5 | 645 | <695 | | | | |
| 5/1 | M | 2 | 776 | 442 | 8,6 | 32,1 | 15,0 | 0.380 | 14.9 | 0.07 | 34.0 | 4.1 | 13 | 42 | 33 | 88 | 170 | 230 | 16 | 59 | <0.5 | 606 | <656 | | | | |
| 6/1 | M | 2 | 517 | 387 | 3,7 | 18,8 | 1,8 | 0.790 | 8.04 | 0.58 | 47.4 | <0.5 | 0.74 | 3.7 | 7.9 | 20 | 40 | 62 | 4.5 | 18 | <0.5 | <145 | <157 | | | | |
| 7/1 | F | 3 | 604 | 410 | 11,2 | 50,6 | 32,0 | 0.728 | 21.0 | 0.47 | 38.2 | 2.7 | 9.2 | 46 | 38 | 100 | 210 | 300 | 17 | 74 | <1.0 | 742 | <798 | | | | |
| 8/1 | F | 3 | 560 | 393 | 17,5 | 67,7 | 56,0 | 0.0682 | 5.64 | 0.053 | 17.7 | 1.6 | 4.9 | 21 | 14 | 38 | 43 | 61 | 3.9 | 12 | <1.5 | 182 | <201 | | | | |
| 9/1 | M | 3 | 504 | 370 | 10,7 | 44,0 | 28,0 | 0.209 | 2.94 | 0.08 | 21.8 | 2.1 | 2.3 | 8.9 | 20 | 53 | 98 | 150 | 9.1 | 46 | <1.0 | 360 | <390 | | | | |
| 10/ | M | 3 | 483 | 371 | 7,9 | 40,3 | 24,0 | 0.301 | 5.50 | 0.12 | 30.3 | 1.2 | 1.8 | 13 | 28 | 73 | 150 | 200 | 14 | 50 | <1.0 | 489 | <532 | | | | |
| 11/ | M | 4 | 1025 | 470 | 27,6 | 65,5 | 54,0 | 0.230 | 13.8 | 0.08 | 28.1 | 5.5 | 12 | 66 | 37 | 95 | 180 | 250 | 18 | 60 | <1.5 | 669 | <725 | | | | |
| 12/ | M | 3 | 675 | 415 | 9,0 | 40,0 | 24,0 | 0.476 | 7.17 | 0.16 | 30.9 | 1.8 | 4.0 | 22 | 21 | 62 | 110 | 150 | 10 | 41 | <1.5 | 391 | <423 | | | | |
| 13/ | F | 3 | 833 | 430 | 20,3 | 51,4 | 35,0 | 0.182 | 8.44 | 0.11 | 23.7 | 2.9 | 5.0 | 23 | 23 | 62 | 120 | 170 | 11 | 48 | <2 | 431 | <467 | | | | |
| 14/ | M | 3 | 519 | 385 | 9,5 | 44,4 | 31,0 | 0.140 | 1.43 | 0.08 | 21.1 | 6.3 | 25 | 95 | 140 | 330 | 430 | 510 | 50 | 90 | <2 | 1486 | <1678 | | | | |
| 15/ | F | 3 | 641 | 410 | 6,9 | 29,2 | 9,8 | 0.795 | 10.5 | 0.12 | 46.9 | 0.78 | 2.0 | 9.7 | 21 | 57 | 110 | 160 | 12 | 42 | <0.5 | 381 | <415 | | | | |
| 16/ | F | 3 | 592 | 393 | 10,4 | 47,6 | 32,0 | 0.231 | 10.4 | 0.06 | 31.9 | 2.7 | 6.9 | 31 | 25 | 70 | 150 | 210 | 16 | 69 | <2 | 540 | <583 | | | | |
| 17/ | M | 3 | 382 | 365 | 3,5 | 21,4 | 2,4 | 0.418 | 11.1 | 0.36 | 48.3 | <2 | <2 | 16 | 9.5 | 25 | 46 | 62 | 5.3 | 19 | <2 | <170 | <185 | | | | |
| 18/ | F | 3 | 660 | 428 | 10,2 | 44,2 | 27,0 | 0.399 | 19.9 | 0.06 | 37.5 | 2.6 | 5.9 | 30 | 31 | 90 | 180 | 260 | 16 | 62 | <2 | 631 | <680 | | | | |
| 19/ | F | 3 | 549 | 400 | 5,7 | 29,2 | 13,0 | 0.628 | 10.1 | 0.09 | 37.5 | 7.9 | 52 | 280 | 190 | 510 | 760 | 910 | 87 | 160 | 0.84 | 2680 | 2958 | | | | |
| 20/ | F | 3 | 489 | 375 | 5,1 | 31,0 | 12,0 | 0.383 | 7.06 | 0.12 | 38.0 | 2.0 | 3.3 | 14 | 18 | 46 | 99 | 140 | 12 | 79 | 1.6 | 383 | 415 | | | | |
| 21/ | F | 3 | 380 | 350 | 4,8 | 39,7 | 24,0 | 0.321 | 16.8 | 0.28 | 40.2 | 1.2 | 4.3 | 23 | 26 | 69 | 130 | 180 | 12 | 53 | 0.54 | 461 | 499 | | | | |
| 22/ | M | 2 | 353 | 330 | 4,5 | 33,3 | 20,0 | 0.539 | 9.49 | 0.31 | 46.6 | 1.3 | 6.7 | 41 | 21 | 61 | 170 | 260 | 16 | 81 | 0.57 | 621 | 659 | | | | |
| 23/ | F | 3 | 636 | 410 | 14,6 | 47,7 | 39,0 | 0.121 | 5.79 | 0.05 | 25.7 | 2.4 | 13 | 63 | 28 | 85 | 100 | 150 | 8.5 | 27 | <2 | 440 | <479 | | | | |
| 24/ | F | 3 | 752 | 450 | 14,0 | 54,4 | 42,0 | 0.364 | 13.9 | 0.35 | 33.1 | 2.7 | 11 | 38 | 38 | 100 | 190 | 260 | 16 | 62 | <2 | 664 | <720 | | | | |
| 25/ | F | 3 | 495 | 400 | 4,3 | 19,2 | 2,7 | 0.773 | 18.9 | 0.14 | 60.1 | <0.5 | <0.5 | 1.3 | 7.4 | 18 | 31 | 43 | 3.3 | 11 | <0.5 | <105 | <116 | | | | |
| Mean | | 3 | 601 | 401 | 9,6 | 40,3 | 24,4 | 0,39 | 11,34 | 0,16 | 35,8 | <2.5 | <8.1 | 39,4 | 36,0 | 96,0 | 164,7 | 221,9 | 16,6 | 54,4 | <<1.2 | <587 | <<641 | | | | |
| Minimum | | 1 | 353 | 330 | 3,5 | 18,8 | 1,8 | 0,07 | 1,43 | 0,03 | 17,7 | <0.5 | <0.5 | 1,3 | 7,4 | 18,0 | 31,0 | 43,0 | 3,3 | 11,0 | <0.5 | <105 | <116 | | | | |
| Maximum | | 4 | 1025 | 470 | 27,6 | 67,7 | 56,0 | 0,80 | 22,50 | 0,58 | 60,1 | 7,9 | 52,0 | 280,0 | 190,0 | 510,0 | 760,0 | 910,0 | 87,0 | 160,0 | <2.0 | 2680 | 2958 | | | | |
| St.Dev | | 1 | 160 | 33 | 5,6 | 12,6 | 14,5 | 0,23 | 5,98 | 0,15 | 10,6 | ~1.8 | ~10.6 | 54,5 | 40,5 | 103,8 | 146,7 | 172,5 | 17,1 | 30,7 | ~0.6 | ~512 | ~568 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| Sam | Sex | Age | Wght | Lngr | DDTTP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 2 | 513 | 385 | | 49 | 559.0 | 0.54 | 0.51 | 1.1 | 2.3 | s0.67 | <0.5 | |
| 2/1 | M | 2 | 781 | 440 | 190 | 43 | 673.0 | <0.5 | <0.5 | <0.5 | 3.0 | s0.39 | <0.5 | |
| 3/1 | M | 1 | 490 | 375 | | 17 | 277.0 | 0.86 | 0.77 | 1.6 | 3.3 | s1.1 | <0.5 | |
| 4/1 | F | 2 | 805 | 440 | 220 | 64 | 754.0 | <0.5 | <0.5 | <0.5 | 2.1 | s0.41 | <0.5 | |
| 5/1 | M | 2 | 776 | 442 | 150 | 62 | 662.0 | <0.5 | <0.5 | <0.5 | 2.6 | s0.25 | 0.62 | |
| 6/1 | M | 2 | 517 | 387 | | 17 | 112.0 | <0.5 | <0.5 | <0.5 | 0.43 | <0.3 | <0.5 | |
| 7/1 | F | 3 | 604 | 410 | | 45 | 605.0 | <1.0 | 1.0 | <2.0 | 3.7 | s0.78 | <1.0 | |
| 8/1 | F | 3 | 560 | 393 | | 20 | 270.0 | <1.5 | <1.5 | <1.5 | 2.3 | s1.3 | <1.5 | |
| 9/1 | M | 3 | 504 | 370 | | 16 | 226.0 | <1.0 | <1.0 | <1.0 | 7.8 | s1.1 | <1.0 | |
| 10/ | M | 3 | 483 | 371 | | 23 | 353.0 | <1.0 | <1.0 | <1.0 | 3.7 | s0.81 | <1.0 | |
| 11/ | M | 4 | 1025 | 470 | 250 | 54 | 944.0 | <1.5 | <1.5 | <1.5 | 5.9 | s3.3 | <1.5 | |
| 12/ | M | 3 | 675 | 415 | | 37 | 367.0 | <1.5 | <1.5 | <1.5 | 3.6 | s0.64 | <1.5 | |
| 13/ | F | 3 | 833 | 430 | | 43 | 403.0 | <2 | <2 | <2.0 | 3.8 | miss | <1 | |
| 14/ | M | 3 | 519 | 385 | | 24 | 184.0 | <2 | <2 | <2.0 | 3.3 | 1.0 | <1 | |
| 15/ | F | 3 | 641 | 410 | | 35 | 175.0 | <0.5 | <0.5 | <0.5 | 1.3 | <0.25 | <0.25 | |
| 16/ | F | 3 | 592 | 393 | | 30 | 330.0 | <2 | <2 | <2.0 | 2.5 | miss | <1 | |
| 17/ | M | 3 | 382 | 365 | | 37 | 227.0 | <2 | <2 | <2.0 | <1 | <1 | <1 | |
| 18/ | F | 3 | 660 | 428 | | 60 | 540.0 | <2 | <2 | <2.0 | 3.7 | miss | <1 | |
| 19/ | F | 3 | 549 | 400 | | 31 | 271.0 | <0.5 | <0.5 | <0.5 | 1.9 | <0.25 | 1.1 | |
| 20/ | F | 3 | 489 | 375 | | 53 | 293.0 | <0.5 | <0.5 | <0.5 | 1.6 | miss | 0.34 | |
| 21/ | F | 3 | 380 | 350 | | 39 | 289.0 | 0.63 | 0.57 | 1.2 | 2.5 | miss | miss | |
| 22/ | M | 2 | 353 | 330 | | 50 | 340.0 | 0.56 | 0.51 | 1.1 | 2.4 | miss | miss | |
| 23/ | F | 3 | 636 | 410 | | 90 | 680.0 | <2 | <2 | <2.0 | 4.5 | miss | <1 | |
| 24/ | F | 3 | 752 | 450 | 190 | 58 | 698.0 | <2 | <2 | <2.0 | 6.2 | miss | <1 | |
| 25/ | F | 3 | 495 | 400 | | 9.8 | 59.8 | <0.5 | <0.5 | <0.5 | 0.27 | <0.25 | <0.25 | |
| Mean | | 3 | 601 | 401 | | 200,0 | 40,3 | 411,7 | <<1.1 | <<1.1 | <<1.3 | <3.0 | <<0.5 | <<0.9 |
| Minimum | | 1 | 353 | 330 | | 150,0 | 9,8 | 59,8 | <0.5 | <0.5 | <0.5 | 0,3 | <0.3 | <0.3 |
| Maximum | | 4 | 1025 | 470 | | 250,0 | 90,0 | 944,0 | <2.0 | <2.0 | <2.0 | 7,8 | 1,0 | <1.5 |
| St.Dev | | 1 | 160 | 33 | | 37,4 | 18,9 | 228,7 | ~0.6 | ~0.7 | ~0.6 | ~1.7 | ~0.4 | ~0.4 |
| Count | | 25 | 25 | 25 | | 5 | 25 | 25 | 25 | 25 | 25 | 25 | 6 | 23 |

miss(10) ! Missing value s/q(11) ! Suspect value

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Inner Sørfjord Fished 20-22.sept.2004

sample no.

- 1 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour:white
- 2 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: brown
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white
- 4 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: yellow
- 5 Liver colour: yellow brown
- 6 Age uncertain Liver colour: brown
- 7 Liver colour: white
- 8 Liver with necrotic areas and/or discolouration Liver colour :white
- 9 Liver colour: white
- 10 Liver colour: White
- 11 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white
- 13 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white
- 14 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white
- 15 Liver colour: yellow brown
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red
- 18 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red brown
- 20 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: red brown
- 21 Age uncertain Liver colour: white
- 22 Liver colour:white
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white
- 24 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: brown

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: LIVER
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch, date : **20051024** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 3 | 938 | 468 | 10,7 | 42,0 | 28,1 | 0.415 | 14.2 | 0.062 | 40.4 | 1.8 | 3.8 | 26 | 23 | 70 | 150 | 230 | s14 | 54 | <1.0 | 536 | s<574 | | | | |
| 2/1 | F | 5 | 1024 | 475 | 8,5 | 19,0 | 3,0 | 0.809 | 12.2 | 0.188 | 47.4 | 0.36 | 0.44 | 2.7 | 4.3 | 11 | 25 | 34 | s2.2 | 9.1 | 0.21 | 83 | s89 | | | | |
| 3/1 | M | 4 | 1240 | 510 | 25,9 | 54,0 | 44,0 | 0.427 | 19.7 | 0.084 | 38.7 | 2.6 | 5.1 | 32 | 26 | 68 | 150 | 230 | s11 | 42 | <1.0 | 530 | s<568 | | | | |
| 4/1 | F | 5 | 1886 | 570 | 48,8 | 49,0 | 35,0 | 0.290 | 12.3 | 0.035 | 27.4 | 2.6 | 6.9 | 42 | 25 | 66 | 150 | 200 | s10 | 45 | <1.0 | 513 | s<549 | | | | |
| 5/1 | M | 3 | 3241 | 635 | 69,5 | 54,0 | 39,0 | 0.247 | 10.3 | 0.032 | 37.8 | 3.5 | 8.6 | 38 | 26 | 69 | 140 | 200 | s10 | 37 | <1.0 | 496 | s<533 | | | | |
| 6/1 | M | 2 | 806 | 466 | 15,7 | 56,0 | 46,0 | 0.227 | 10.6 | 0.030 | 28.3 | 2.2 | 5.5 | 37 | 19 | 57 | 120 | 170 | s9.0 | 42 | <1.5 | 434 | s<463 | | | | |
| 7/1 | M | 4 | 966 | 488 | 6,9 | 28,0 | 8,7 | 0.769 | 33.6 | 0.148 | 61.5 | <1.0 | 2.6 | 22 | 18 | 54 | 120 | 170 | s9.1 | 45 | <1.0 | <415 | s<442 | | | | |
| 8/1 | F | 1 | 293 | 333 | 2,5 | 20,0 | 6,1 | miss | miss | miss | miss | 0.44 | 0.53 | s3.3 | 3.0 | 11 | 22 | 40 | s2.0 | 9.8 | 0.36 | s87 | s92 | | | | |
| 9/1 | F | 2 | 443 | 378 | 3,0 | 38,0 | 4,7 | 0.419 | 7.03 | 0.10 | 37.7 | 0.55 | 0.63 | 4.1 | 5.2 | 13 | 28 | 39 | s2.7 | 11 | 0.48 | 96 | s105 | | | | |
| 10/ | F | 2 | 438 | 374 | 2,9 | 29,0 | 5,0 | miss | miss | miss | miss | 0.32 | 0.65 | 5.1 | 3.7 | 12 | 24 | 39 | s2.3 | 9.2 | 0.36 | 90 | s97 | | | | |
| 11/ | M | 2 | 346 | 331 | 3,3 | 9,1 | 4,0 | 0.414 | 4.96 | 0.173 | 37.8 | 0.40 | 0.31 | 1.8 | 2.6 | 7.6 | 16 | 27 | s1.5 | 7.1 | 0.35 | 60 | s65 | | | | |
| 12/ | M | 2 | 350 | 340 | 2,9 | 27,0 | 6,4 | miss | miss | miss | miss | 0.54 | 0.94 | 6.5 | 4.7 | 14 | 28 | 42 | s2.4 | 10 | 0.47 | 102 | s110 | | | | |
| 13/ | F | 3 | 260 | 298 | 2,6 | 17,0 | 14,0 | miss | miss | miss | miss | 0.68 | 3.0 | 14 | 4.9 | 24 | 89 | 200 | 9.4 | 100 | 0.49 | 431 | 445 | | | | |
| 14/ | M | 3 | 260 | 320 | 2,1 | 20,0 | 5,7 | miss | miss | miss | miss | 0.57 | 0.66 | s5.1 | 6.3 | 17 | 40 | 57 | s3.5 | 17 | <1.0 | s137 | s<148 | | | | |
| 15/ | F | 3 | 209 | 290 | 1,4 | | 2,3 | miss | miss | miss | miss | <1.0 | <1.0 | 1.1 | 1.0 | 3.5 | 9.7 | 21 | 1.5 | 7.1 | <1.0 | <43 | <46 | | | | |
| 16/ | F | 2 | 215 | 295 | 2,8 | 25,0 | 4,5 | miss | miss | miss | miss | s0.40 | 0.49 | 3.9 | 4.3 | 14 | 31 | 45 | 2.8 | 12 | 0.57 | s107 | s114 | | | | |
| 17/ | F | 3 | 292 | 321 | 1,9 | 14,0 | 3,2 | miss | miss | miss | miss | <0.2 | 0.24 | 1.3 | 2.8 | 7.5 | 16 | 27 | 1.7 | 8.1 | 0.43 | <60 | <65 | | | | |
| 18/ | M | 3 | 189 | 289 | 1,3 | | 5,5 | miss | miss | miss | miss | <1.5 | <1.5 | 3.3 | 4.7 | 12 | 23 | 35 | s3.1 | 9.7 | <1.5 | <85 | s<92 | | | | |
| 19/ | F | 2 | 184 | 275 | 1,4 | | 1,4 | miss | miss | miss | miss | <3.0 | <3.0 | <3.0 | <3.0 | 5.5 | 11 | 16 | <3.0 | 4.4 | <3.0 | <40 | <40 | | | | |
| 20/ | M | 5 | 1761 | 585 | 46,0 | 63,0 | 59,0 | 0.355 | 15.6 | 0.057 | 27.0 | 4.7 | 7.9 | 52 | 33 | 91 | 210 | 330 | s20 | 50 | <1.5 | 746 | s<800 | | | | |
| 21/ | F | 3 | 1525 | 558 | 29,5 | 56,0 | 47,0 | 0.189 | 21.4 | 0.071 | 34.3 | 5.6 | 8.2 | 44 | 45 | 110 | 240 | 370 | s29 | 88 | 1.6 | 866 | s941 | | | | |
| 22/ | M | 5 | 2385 | 644 | 35,2 | 46,0 | 41,0 | 0.270 | 26.1 | 0.121 | 38.2 | 3.5 | 11 | 78 | 44 | 120 | 260 | 400 | 26 | 74 | 1.3 | 947 | 1018 | | | | |
| 23/ | F | 4 | 1463 | 535 | 11,3 | 57,0 | 7,0 | 0.549 | 26.4 | 0.112 | 60.9 | <1.0 | 1.6 | 13 | 13 | 39 | 91 | 140 | 9.3 | 32 | <1.0 | <318 | <340 | | | | |
| 24/ | F | 4 | 1692 | 575 | 30,0 | 56,0 | 47,0 | 0.230 | 21.6 | 0.082 | 29.7 | 3.1 | 8.7 | 56 | 30 | 87 | 170 | 250 | 17 | 50 | 1.0 | 625 | 673 | | | | |
| 25/ | M | 6 | 1856 | 630 | 21,6 | 28,0 | 12,0 | 0.835 | 14.0 | 0.024 | 49.3 | 0.95 | 2.6 | 20 | 19 | 59 | 130 | 210 | 13 | 41 | 0.50 | 464 | 496 | | | | |
| Mean | | 3 | 970 | 439 | 15,5 | 36,7 | 19,2 | 0,43 | 16,67 | 0,09 | 39,8 | <1.8 | <3.4 | <22.0 | <14.9 | 41,7 | 91,7 | 140,9 | <9.3 | 32,6 | <<0.9 | <<363 | <<390 | | | | |
| Minimum | | 1 | 184 | 275 | 1,3 | 9,1 | 1,4 | 0,19 | 4,96 | 0,02 | 27,0 | <0.2 | | 0,2 | 1,1 | 1,0 | 3,5 | 9,7 | 16,0 | 1,5 | 4,4 | 0,2 | <40 | <40 | | | |
| Maximum | | 6 | 3241 | 644 | 69,5 | 63,0 | 59,0 | 0,84 | 33,60 | 0,19 | 61,5 | 5,6 | 11,0 | 78,0 | 45,0 | 120,0 | 260,0 | 400,0 | 26,0 | 100,0 | <3.0 | 947 | 1018 | | | | |
| St.Dev | | 1 | 822 | 127 | 18,4 | 17,0 | 19,0 | 0,22 | 7,96 | 0,05 | 10,9 | ~1.5 | ~3.3 | ~21.7 | ~13.5 | 35,8 | 77,4 | 118,3 | ~8.3 | 27,0 | ~0.6 | ~284 | ~346 | | | | |
| Count | | 25 | 25 | 25 | 25 | 22 | 25 | 15 | 15 | 15 | 15 | 15 | 24 | 25 | 23 | 25 | 25 | 25 | 25 | 9 | 25 | 25 | 22 | 8 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|-------|-------|--------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|--------|--------|--------|-------|-------|--------|--------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | | | | | | | | | |
| Sam. no. | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | BDE28 | BDE47 | BDE49 | BDE66 | BDE71 | BDE77 | BDE85 | BDE99 | BDE119 | BDE138 |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 M | 3 | 938 | 468 | 250 | 77 | s1527 | <1.0 | <1.0 | <1.0 | 6.7 | 1.1 | <1.0 | 0.57 | 21 | 0.85 | 0.16 | <0.02 | <0.03 | <0.03 | 0.11 | 0.08 | <0.05 | |
| 2/1 F | 5 | 1024 | 475 | 23 | 8.8 | s151.8 | <0.1 | <0.1 | <0.1 | 0.37 | <0.05 | <0.1 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 3/1 M | 4 | 1240 | 510 | 98 | 35 | 913.0 | 1.4 | 1.3 | 2.7 | 6.5 | 1.8 | <1.0 | 0.05 | 1.2 | 0.07 | 0.02 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| 4/1 F | 5 | 1886 | 570 | 240 | 88 | s2128 | 1.2 | 1.1 | 2.3 | 7.1 | 1.1 | <1.0 | 1.3 | 28 | 3.3 | 0.34 | <0.03 | s0.06 | <0.03 | 0.17 | 0.09 | <0.06 | |
| 5/1 M | 3 | 3241 | 635 | 170 | 67 | s1637 | 1.3 | 1.3 | 2.6 | 6.6 | 0.50 | <1.0 | 0.80 | 18 | 1.5 | 0.14 | <0.03 | s0.05 | <0.03 | 0.15 | 0.07 | <0.06 | |
| 6/1 M | 2 | 806 | 466 | 110 | 46 | 896.0 | 1.5 | <1.5 | <3.0 | 7.5 | 1.4 | <1.5 | 0.19 | 5.8 | 0.62 | 0.16 | <0.01 | s0.03 | <0.02 | 0.11 | 0.03 | <0.04 | |
| 7/1 M | 4 | 966 | 488 | 87 | 53 | s850.0 | <1.0 | <1.0 | <1.0 | 1.3 | <0.5 | <1.0 | | | | | | | | | | | |
| 8/1 F | 1 | 293 | 333 | 34 | 17 | 211.0 | <0.2 | <0.2 | <0.2 | 1.0 | <0.1 | <0.2 | | | | | | | | | | | |
| 9/1 F | 2 | 443 | 378 | 35 | 24 | 409.0 | <0.2 | <0.2 | <0.2 | 0.85 | <0.1 | <0.2 | | | | | | | | | | | |
| 10/ F | 2 | 438 | 374 | 28 | 11 | 169.0 | <0.2 | <0.2 | <0.2 | 0.70 | <0.1 | <0.2 | | | | | | | | | | | |
| 11/ M | 2 | 346 | 331 | 13 | 6.6 | 97.6 | <0.2 | <0.2 | <0.2 | 0.53 | <0.1 | <0.2 | | | | | | | | | | | |
| 12/ M | 2 | 350 | 340 | 48 | 22 | 290.0 | <0.2 | <0.2 | <0.2 | 1.2 | <0.1 | <0.2 | | | | | | | | | | | |
| 13/ F | 3 | 260 | 298 | 33 | 29 | 212.0 | 0.44 | 0.30 | 0.7 | 3.0 | 0.29 | 0.27 | | | | | | | | | | | |
| 14/ M | 3 | 260 | 320 | 35 | 15 | 230.0 | <0.2 | <0.2 | <0.2 | 1.0 | 0.11 | <0.2 | | | | | | | | | | | |
| 15/ F | 3 | 209 | 290 | 5.0 | 2.6 | 29.6 | <1.0 | <1.0 | <1.0 | 0.68 | <0.5 | <1.0 | | | | | | | | | | | |
| 16/ F | 2 | 215 | 295 | 35 | 14 | 199.0 | <0.3 | <0.3 | <0.3 | 0.97 | <0.15 | <0.3 | | | | | | | | | | | |
| 17/ F | 3 | 292 | 321 | 10 | 4.2 | 82.2 | <0.2 | <0.2 | <0.2 | 0.56 | <0.1 | <0.2 | | | | | | | | | | | |
| 18/ M | 3 | 189 | 289 | 26 | 11 | 217.0 | <1.5 | <1.5 | <1.5 | 1.2 | <0.8 | <1.5 | | | | | | | | | | | |
| 19/ F | 2 | 184 | 275 | 10 | 6.1 | 85.1 | <3.0 | <3.0 | <3.0 | <1.5 | <1.5 | <3.0 | | | | | | | | | | | |
| 20/ M | 5 | 1761 | 585 | 68 | 38 | 786.0 | 1.5 | <1.5 | <3.0 | 7.1 | 2.7 | <1.5 | 0.77 | 20 | 1.1 | 0.26 | <0.04 | <0.05 | <0.04 | 0.09 | 0.05 | <0.08 | |
| 21/ F | 3 | 1525 | 558 | 230 | 87 | 1717 | 1.4 | 1.2 | 2.6 | 10 | 1.5 | 1.3 | 1.1 | 28 | 2.6 | 0.32 | <0.04 | <0.04 | <0.04 | 0.24 | 0.13 | <0.06 | |
| 22/ M | 5 | 2385 | 644 | 170 | 67 | 1237 | 1.2 | <1.0 | <2.2 | 7.3 | 2.2 | 1.4 | 1.1 | 28 | 2.5 | 0.42 | <0.03 | <0.04 | <0.03 | 0.06 | 0.09 | <0.06 | |
| 23/ F | 4 | 1463 | 535 | 19 | 49 | 728.0 | <1.0 | <1.0 | <1.0 | 1.0 | <0.5 | <1.0 | 0.35 | 9.8 | 0.23 | <0.05 | <0.03 | <0.04 | <0.04 | <0.03 | <0.03 | <0.08 | |
| 24/ F | 4 | 1692 | 575 | 120 | 63 | 1013 | 1.3 | 1.1 | 2.4 | 5.8 | 1.9 | 1.1 | 0.91 | 25 | 2.1 | 0.31 | <0.03 | <0.04 | <0.03 | 0.18 | 0.09 | <0.06 | |
| 25/ M | 6 | 1856 | 630 | 35 | 51 | 956.0 | 0.33 | <0.3 | <0.6 | 2.0 | 0.19 | 0.39 | 1.1 | 40 | 1.3 | 0.35 | <0.03 | <0.04 | <0.04 | 0.04 | 0.20 | <0.06 | |
| Mean | 3 | 970 | 439 | 77,3 | 35,7 | 523,9 | <<0.9 | <<0.8 | <<1.3 | <3.3 | <<0.8 | <<0.8 | 0,75 | 20,44 | 1,47 | <0.23 | <<0.03 | <<0.04 | <<0.03 | <0.11 | <0.08 | <<0.06 | |
| Minimum | 1 | 184 | 275 | 5,0 | 2,6 | 29,6 | <0.1 | <0.1 | <0.1 | 0,4 | <0.1 | <0.1 | 0,05 | 1,20 | 0,07 | 0,02 | <0.01 | <0.01 | <0.01 | 0,01 | <0.01 | <0.01 | |
| Maximum | 6 | 3241 | 644 | 250,0 | 88,0 | 1717 | <3.0 | <3.0 | <3.0 | 10,0 | 2,7 | <3.0 | 1,30 | 40,00 | 3,30 | 0,42 | <0.04 | 0,05 | <0.04 | 0,24 | 0,20 | <0.08 | |
| St.Dev | 1 | 822 | 127 | 76,9 | 27,4 | 472,8 | ~0.7 | ~0.7 | ~1.1 | ~3.1 | ~0.8 | ~0.7 | 0,41 | 11,31 | 1,04 | ~0.13 | ~0.01 | ~0.01 | ~0.01 | ~0.07 | ~0.05 | ~0.02 | |
| Count | 25 | 25 | 25 | 25 | 25 | 20 | 25 | 25 | 25 | 25 | 25 | 25 | 11 | 11 | 11 | 11 | 11 | 11 | 8 | 11 | 11 | 11 | 11 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|--------|--------|--------|--------|---------|
| Analysis code => | | | | 730 | 730 | 730 | 730 | Calc |
| Detection limit => | | | | | | | | |
| Sam | Sex | Age | Wght | BDE154 | BDE183 | BDE205 | BDE209 | BDESS |
| rep | F/M | year | g | ppb | ppb | ppb | ppb | ppb |
| no. | | mm | mm | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 3 | 938 | 468 | 0.76 | <0.4 | <1.5 | <29.73 |
| 2/1 | F | 5 | 1024 | 475 | miss | miss | miss | |
| 3/1 | M | 4 | 1240 | 510 | 0.03 | <0.05 | <0.2 | <1.81 |
| 4/1 | F | 5 | 1886 | 570 | 0.97 | <0.2 | <1 | s<41.43 |
| 5/1 | M | 3 | 3241 | 635 | 0.50 | <0.2 | <1 | s<25.31 |
| 6/1 | M | 2 | 806 | 466 | 0.21 | <0.1 | <0.6 | s<9.55 |
| 7/1 | M | 4 | 966 | 488 | | | | |
| 8/1 | F | 1 | 293 | 333 | | | | |
| 9/1 | F | 2 | 443 | 378 | | | | |
| 10/ | F | 2 | 438 | 374 | | | | |
| 11/ | M | 2 | 346 | 331 | | | | |
| 12/ | M | 2 | 350 | 340 | | | | |
| 13/ | F | 3 | 260 | 298 | | | | |
| 14/ | M | 3 | 260 | 320 | | | | |
| 15/ | F | 3 | 209 | 290 | | | | |
| 16/ | F | 2 | 215 | 295 | | | | |
| 17/ | F | 3 | 292 | 321 | | | | |
| 18/ | M | 3 | 189 | 289 | | | | |
| 19/ | F | 2 | 184 | 275 | | | | |
| 20/ | M | 5 | 1761 | 585 | 0.39 | <0.4 | <2 | <28.16 |
| 21/ | F | 3 | 1525 | 558 | 1.2 | <0.2 | <1 | <41.32 |
| 22/ | M | 5 | 2385 | 644 | 0.87 | <0.2 | <1.5 | <41.14 |
| 23/ | F | 4 | 1463 | 535 | 0.17 | <0.2 | <1.5 | <13.75 |
| 24/ | F | 4 | 1692 | 575 | 0.91 | <0.2 | <1.5 | <36.34 |
| 25/ | M | 6 | 1856 | 630 | 1.0 | <0.2 | <1 | <55.99 |
| Mean | | 3 | 970 | 439 | 0,64 | <<0.21 | <<1.16 | <<31.03 |
| Minimum | | 1 | 184 | 275 | 0,03 | <0.05 | <0.20 | <1.81 |
| Maximum | | 6 | 3241 | 644 | 1,20 | <0.40 | <2.00 | <55.99 |
| St.Dev | | 1 | 822 | 127 | 0,39 | ~0.11 | ~0.50 | ~16.99 |
| Count | | 25 | 25 | 25 | 11 | 11 | 11 | 8 |

miss(55) ! Missing value s/q(55) ! Suspect value

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Comments

Station: Inner Sørfjord

sample no.

1 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
2 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow brown
3 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
4 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
5 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red red
6 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red
7 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red brown
8 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red brown
9 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
10 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
11 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
12 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
13 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
14 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
15 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
16 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
17 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
18 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
19 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red brown
20 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red brown
21 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: White red
22 Liver colour: yellow red
23 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: brown
24 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white
25 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørkjorden** Tissue: LIVER
 Locality : **53B Inner Sørkjord** Latitude: 6°10.0N Longitude: 6°34.0E
 Catch,date : **20061010** Count: 99 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 2 | 684 | 405 | 21,0 | 63,0 | 49,0 | 0.0919 | 6.37 | 0.0385 | 19.2 | 2.0 | 11 | 13 | 8.4 | 22 | 50 | 83 | 5.3 | 19 | <1.0 | 200 | <215 | | | | | | | | |
| 2/1 | F | 3 | 1275 | 518 | 17,0 | 35,0 | 16,0 | 0.398 | 7.21 | 0.0421 | 40.6 | 2.3 | 5.2 | 22 | 26 | 86 | 200 | 310 | 22 | 110 | <0.8 | 736 | <784 | | | | | | | | |
| 3/1 | F | 3 | 748 | 440 | 15,0 | 36,0 | 20,0 | 0.420 | 2.76 | 0.0781 | 27.7 | 1.8 | 6.7 | 11 | 12 | 39 | 97 | 150 | 8.6 | 34 | <0.8 | 340 | <361 | | | | | | | | |
| 4/1 | M | 5 | 903 | 477 | 23,8 | 37,0 | 19,0 | 2.30 | 7.81 | 0.198 | 28.5 | 1.9 | 8.0 | 21 | 11 | 33 | 110 | 200 | 9.5 | 55 | <0.8 | 429 | <450 | | | | | | | | |
| 5/1 | M | 4 | 1335 | 546 | 18,2 | 45,0 | 41,0 | 0.493 | 31.6 | 0.0596 | 42.6 | 4.3 | 12 | 54 | 32 | 99 | 260 | 410 | 21 | 74 | <1.6 | 913 | <968 | | | | | | | | |
| 6/1 | M | 2 | 642 | 403 | 8,8 | 46,0 | 12,0 | 0.221 | 17.4 | 0.0572 | 35.9 | 0.90 | 2.0 | 3.4 | 4.1 | 13 | 26 | 45 | 2.6 | 10 | <0.8 | 100 | <108 | | | | | | | | |
| 7/1 | F | 2 | 855 | 452 | 21,6 | 67,0 | 56,0 | 0.123 | 6.63 | 0.0367 | 18.4 | 2.9 | 13 | 18 | 18 | 54 | 120 | 210 | 13 | 62 | <1.6 | 480 | <513 | | | | | | | | |
| 8/1 | F | 2 | 733 | 423 | 13,4 | 40,0 | 25,0 | 0.266 | 9.29 | 0.0499 | 28.9 | 2.8 | 9.0 | 16 | 14 | 43 | 97 | 160 | 8.4 | 28 | <1.0 | 356 | <379 | | | | | | | | |
| 9/1 | F | 2 | 591 | 392 | 20,4 | 70,0 | 60,0 | 0.123 | 7.92 | 0.0714 | 21.0 | 3.6 | 11 | 25 | 11 | 34 | 74 | 110 | 6.7 | 23 | <2.0 | 281 | <300 | | | | | | | | |
| 10/ | M | 3 | 1046 | 487 | 26,0 | 64,0 | 53,0 | 0.200 | 7.85 | 0.123 | 27.2 | 4.5 | 13 | 29 | 36 | 79 | 180 | 270 | 18 | 49 | <2.0 | 625 | <681 | | | | | | | | |
| 11/ | M | 2 | 796 | 399 | 14,8 | 55,0 | 42,0 | 0.272 | 17.1 | 0.0476 | 36.2 | 3.6 | 55 | 10 | 11 | 16 | 47 | 110 | 180 | 9.5 | 40 | <1.2 | 402 | <428 | | | | | | | |
| 12/ | F | 2 | 820 | 436 | 25,6 | 76,0 | 67,0 | 0.0650 | 7.08 | 0.0302 | 21.2 | 4.8 | 14 | 18 | 11 | 36 | 55 | 85 | 5.0 | 15 | <2.0 | 228 | <246 | | | | | | | | |
| 13/ | M | 2 | 1349 | 531 | 28,0 | 61,0 | 50,0 | 0.162 | 16.9 | 0.0453 | 34.5 | 5.5 | s8.7 | 58 | 32 | 97 | 200 | 260 | 18 | 69 | <0.5 | s698 | s<749 | | | | | | | | |
| 14/ | M | 4 | 803 | 418 | 20,4 | 56,0 | 50,0 | 0.726 | 9.07 | 0.0410 | 31.3 | 2.9 | s4.3 | 18 | 17 | 43 | 84 | 150 | 12 | 45 | 0.87 | s347 | s377 | | | | | | | | |
| 15/ | F | 2 | 719 | 417 | 13,8 | 62,0 | 52,0 | 0.118 | 12.5 | 0.0389 | 28.2 | 4.2 | 7.5 | 28 | 23 | 63 | 140 | 200 | 15 | 49 | 1.1 | 492 | 531 | | | | | | | | |
| 16/ | M | 4 | 1087 | 500 | 22,4 | 52,0 | 20,0 | 0.522 | 13.0 | 0.361 | 41.8 | 1.5 | 1.6 | 12 | 19 | 59 | 110 | 180 | 14 | 62 | 0.90 | 426 | 460 | | | | | | | | |
| 17/ | M | 3 | 710 | 421 | 13,6 | 56,0 | 42,0 | 0.158 | 3.00 | 0.0303 | 18.3 | 3.2 | 2.4 | 13 | 7.8 | 23 | 44 | 69 | 4.0 | 16 | <0.5 | 171 | <183 | | | | | | | | |
| 18/ | M | 2 | 602 | 398 | 17,2 | 63,0 | 61,0 | 0.0945 | 4.36 | 0.0259 | 17.0 | 3.5 | s2.4 | 15 | 12 | 33 | 61 | 90 | 6.8 | 24 | 0.71 | s229 | s248 | | | | | | | | |
| 19/ | F | 2 | 415 | 378 | 11,0 | 59,0 | 40,0 | 0.292 | 5.69 | 0.0297 | 23.8 | 3.1 | 5.1 | 23 | 14 | 36 | 80 | 130 | 8.6 | 48 | 0.59 | 325 | 348 | | | | | | | | |
| 20/ | M | 2 | 537 | 377 | 9,0 | 56,0 | 49,0 | 0.0944 | 5.49 | 0.0361 | 23.5 | 3.8 | 3.5 | 19 | 12 | 33 | 56 | 85 | 5.6 | 23 | 0.56 | 223 | 241 | | | | | | | | |
| 21/ | F | 2 | 584 | 397 | 7,0 | 46,0 | 29,0 | 0.218 | 9.41 | 0.0846 | 35.9 | 3.4 | 4.1 | 20 | 15 | 46 | 91 | 140 | 9.2 | 33 | 0.61 | 338 | 362 | | | | | | | | |
| 22/ | F | 3 | 419 | 351 | 8,0 | 51,0 | 40,0 | 1.51 | 13.1 | 0.879 | 30.00 | 4.8 | 4.2 | 17 | 10 | 37 | 130 | 260 | 13 | 110 | 0.53 | 563 | 587 | | | | | | | | |
| 23/ | M | 2 | 626 | 392 | 14,0 | 61,0 | 52,0 | 0.0874 | 8.86 | 0.0299 | 27.3 | 4.4 | 5.7 | 23 | 11 | 34 | 48 | 77 | 5.2 | 17 | 0.51 | 209 | 226 | | | | | | | | |
| 24/ | M | 2 | 510 | 382 | 13,6 | 64,0 | 45,0 | 0.134 | 6.14 | 0.101 | 21.5 | 2.6 | 4.5 | 24 | 23 | 39 | 81 | 110 | 10 | 19 | <0.5 | 280 | <314 | | | | | | | | |
| 25/ | F | 2 | 511 | 375 | 7,0 | 48,0 | 32,0 | 0.149 | 7.26 | 0.018 | 27.2 | 3.8 | 4.5 | 20 | 15 | 40 | 84 | 140 | 9.3 | 48 | 0.59 | 340 | 365 | | | | | | | | |
| Mean | | 3 | 772 | 429 | 16,4 | 54,8 | 40,9 | 0,37 | 9,75 | 0,10 | 28,3 | 3,3 | 7,2 | 21,3 | 16,4 | 46,7 | 103,5 | 164,2 | 10,4 | 43,3 | <<1.0 | 384 | <<411 | | | | | | | | |
| Minimum | | 2 | 415 | 351 | 7,0 | 35,0 | 12,0 | 0,07 | 2,76 | 0,02 | 17,0 | 0,9 | 1,6 | 3,4 | 4,1 | 13,0 | 26,0 | 45,0 | 2,6 | 10,0 | <0.5 | 100 | <108 | | | | | | | | |
| Maximum | | 5 | 1349 | 546 | 28,0 | 76,0 | 67,0 | 2,30 | 31,60 | 0,88 | 42,6 | 5,5 | 14,0 | 58,0 | 36,0 | 99,0 | 260,0 | 410,0 | 22,0 | 110,0 | <2.0 | 913 | <968 | | | | | | | | |
| St.Dev | | 1 | 266 | 53 | 6,2 | 11,0 | 15,4 | 0,50 | 6,11 | 0,18 | 7,6 | 1,1 | 3,9 | 12,0 | 8,1 | 22,4 | 56,4 | 86,7 | 5,2 | 27,1 | ~0.5 | 194 | ~206 | | | | | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 22 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 22 | 22 | | | | | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|--------|--------|--------|-------|--------|--------|--------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | BDE28 | BDE47 | BDE49 | BDE66 | BDE71 | BDE77 | BDE85 | BDE99 | BDE119 | BDE138 |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 2 | 684 | 405 | 51 | 20 | 221.0 | 1.1 | 1.6 | 2.7 | 4.0 | 2.6 | <0.5 | 0.27 | 6.1 | 0.89 | 0.23 | <0.04 | <0.07 | <0.05 | 0.33 | 0.06 | <0.08 | |
| 2/1 F | 3 | 1275 | 518 | 130 | 66 | 516.0 | <0.8 | <0.8 | <0.8 | 2.6 | 1.2 | <0.4 | 2.4 | 97 | 3.0 | 0.44 | <0.1 | <0.1 | <0.05 | 0.28 | 0.29 | <0.08 | |
| 3/1 F | 3 | 748 | 440 | 54 | 58 | 362.0 | <0.8 | <0.8 | <0.8 | 2.3 | 1.0 | <0.4 | 0.34 | 7.9 | 1.2 | 0.24 | <0.03 | 0.19 | <0.05 | 0.41 | <0.05 | <0.08 | |
| 4/1 M | 5 | 903 | 477 | 29 | 34 | 283.0 | <0.8 | <0.8 | <0.8 | 2.3 | 0.91 | <0.4 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | |
| 5/1 M | 4 | 1335 | 546 | 110 | 94 | 934.0 | <1.6 | <1.6 | <1.6 | 4.0 | 2.8 | <0.8 | 1.7 | 39 | 1.7 | 0.15 | 0.19 | 0.12 | <0.05 | 0.07 | 0.12 | <0.08 | |
| 6/1 M | 2 | 642 | 403 | 25 | 7.0 | 111.0 | <0.8 | <0.8 | <0.8 | 0.96 | 0.60 | <0.4 | 0.13 | 3.6 | 0.17 | 0.05 | <0.03 | <0.1 | <0.05 | 0.06 | <0.05 | <0.08 | |
| 7/1 F | 2 | 855 | 452 | 100 | 29 | 439.0 | <1.6 | <1.6 | <1.6 | 6.1 | 2.9 | <0.8 | 0.46 | 11 | 0.82 | 0.16 | <0.04 | <0.05 | <0.05 | 0.20 | <0.05 | <0.08 | |
| 8/1 F | 2 | 733 | 423 | 32 | 16 | 238.0 | <1.0 | <1.0 | <1.0 | 3.0 | 1.1 | <0.5 | 0.39 | 7.0 | 0.75 | 0.11 | <0.03 | <0.05 | <0.05 | <0.06 | <0.05 | <0.08 | |
| 9/1 F | 2 | 591 | 392 | 76 | 32 | 358.0 | <2.0 | <2.0 | <2.0 | 4.6 | 2.5 | <1.0 | 0.26 | 7.2 | 1.0 | 0.21 | <0.04 | 0.11 | <0.05 | 0.30 | 0.05 | <0.08 | |
| 10/ M | 3 | 1046 | 487 | 170 | 39 | 739.0 | <2.0 | <2.0 | <2.0 | 5.4 | 4.9 | <1.0 | 0.55 | 15 | 1.0 | 0.26 | <0.06 | <0.06 | <0.05 | 0.23 | 0.1 | <0.08 | |
| 11/ M | 2 | 796 | 399 | 42 | 17 | 289.0 | <1.2 | <1.2 | <1.2 | 4.1 | 1.6 | <0.6 | 0.50 | 10 | 0.46 | 0.11 | <0.03 | <0.05 | <0.05 | 0.09 | <0.05 | <0.08 | |
| 12/ F | 2 | 820 | 436 | 110 | 26 | 466.0 | <2.0 | <2.0 | <2.0 | 5.4 | 4.5 | <1.0 | 0.48 | 9.1 | 1.0 | 0.34 | <0.04 | <0.07 | 0.14 | 0.52 | 0.08 | <0.08 | |
| 13/ M | 2 | 1349 | 531 | 280 | 110 | 890.0 | 0.84 | 0.53 | 1.4 | 5.9 | 5.9 | 0.59 | 1.6 | 39 | 3.2 | 0.56 | <0.09 | <0.09 | <0.1 | <0.06 | 0.24 | <0.08 | |
| 14/ M | 4 | 803 | 418 | 61 | 37 | 368.0 | 0.86 | 0.60 | 1.5 | 3.9 | 2.4 | <0.5 | 0.34 | 9.4 | 0.92 | 0.23 | <0.05 | <0.08 | 0.08 | 0.62 | <0.05 | <0.08 | |
| 15/ F | 2 | 719 | 417 | 56 | 41 | 387.0 | 1.0 | 0.77 | 1.8 | 5.1 | 2.9 | <0.5 | 0.58 | 16 | 1.3 | 0.37 | <0.05 | <0.08 | <0.05 | 0.51 | 0.08 | <0.08 | |
| 16/ M | 4 | 1087 | 500 | 55 | 31 | 336.0 | 0.38 | <0.3 | <0.7 | 2.0 | 1.2 | 0.36 | 0.23 | 8.1 | 0.25 | 0.07 | <0.03 | <0.05 | <0.05 | <0.06 | <0.05 | <0.08 | |
| 17/ M | 3 | 710 | 421 | 28 | 24 | 192.0 | 0.69 | 0.54 | 1.2 | 3.4 | 2.5 | <0.5 | 0.34 | 8.2 | 0.56 | 0.30 | <0.04 | <0.05 | <0.05 | 0.37 | 0.06 | <0.08 | |
| 18/ M | 2 | 602 | 398 | 45 | 26 | 241.0 | 1.0 | 0.75 | 1.8 | 5.0 | 2.9 | <0.5 | 0.36 | 9.2 | 0.68 | 0.21 | <0.04 | <0.05 | <0.05 | 0.28 | 0.07 | <0.08 | |
| 19/ F | 2 | 415 | 378 | 40 | 29 | 239.0 | 0.76 | 0.52 | 1.3 | 3.4 | 2.2 | <0.4 | 0.41 | 15 | 1.5 | 0.35 | <0.04 | <0.05 | <0.05 | 0.85 | 0.05 | <0.08 | |
| 20/ M | 2 | 537 | 377 | 61 | 30 | 261.0 | 0.88 | 0.62 | 1.5 | 5.0 | 2.9 | <0.5 | 0.44 | 9.4 | 1.0 | 0.33 | <0.04 | <0.05 | <0.05 | 0.68 | 0.06 | <0.08 | |
| 21/ F | 2 | 584 | 397 | 35 | 42 | 277.0 | 0.57 | 0.38 | 1.0 | 2.6 | 1.5 | <0.3 | 0.41 | 11 | 0.87 | 0.28 | <0.04 | <0.08 | <0.05 | 0.24 | 0.06 | <0.08 | |
| 22/ F | 3 | 419 | 351 | 9.6 | 9.6 | 66.2 | 0.76 | <0.5 | <1.3 | 3.8 | 2.4 | <0.5 | 0.44 | 9.3 | 0.78 | 0.17 | <0.04 | <0.07 | <0.05 | 0.42 | <0.05 | <0.08 | |
| 23/ M | 2 | 626 | 392 | 52 | 26 | 298.0 | 1.0 | 0.71 | 1.7 | 3.3 | 3.1 | <0.5 | 0.47 | 10 | 1.1 | 0.33 | <0.03 | <0.05 | <0.05 | 0.24 | 0.09 | <0.08 | |
| 24/ M | 2 | 510 | 382 | 33 | 22 | 185.0 | 0.95 | 0.67 | 1.6 | 3.0 | 2.3 | <0.5 | 0.23 | 7.3 | 0.79 | 0.20 | <0.03 | <0.06 | <0.05 | 0.33 | 0.06 | <0.08 | |
| 25/ F | 2 | 511 | 375 | 37 | 27 | 224.0 | 0.67 | 0.47 | 1.1 | 4.0 | 1.9 | <0.4 | 1.2 | 42 | 1.6 | 0.37 | <0.04 | <0.05 | <0.05 | 0.52 | 0.08 | <0.08 | |
| Mean | 3 | 772 | 429 | 68,9 | 35,7 | 356,8 | <<1.0 | <<0.9 | <<1.4 | 3,8 | 2,4 | <<0.6 | 0,61 | 16,95 | 1,11 | 0,25 | <<0.05 | <<0.07 | <<0.06 | <0.32 | <<0.08 | <<0.08 | |
| Minimum | 2 | 415 | 351 | 9,6 | 7,0 | 66,2 | 0,4 | <0.3 | <0.7 | 1,0 | 0,6 | <0.3 | 0,13 | 3,60 | 0,17 | 0,05 | <0.03 | <0.05 | <0.05 | <0.06 | <0.05 | <0.08 | |
| Maximum | 5 | 1349 | 546 | 280,0 | 110,0 | 934,0 | <2.0 | <2.0 | 2,7 | 6,1 | 5,9 | <1.0 | 2,40 | 97,00 | 3,20 | 0,56 | 0,19 | 0,19 | 0,14 | 0,85 | 0,29 | <0.08 | |
| St.Dev | 1 | 266 | 53 | 57,7 | 23,9 | 215,7 | ~0.4 | ~0.5 | ~0.5 | 1,3 | 1,3 | ~0.2 | 0,55 | 20,11 | 0,72 | 0,12 | ~0.03 | ~0.03 | ~0.02 | ~0.21 | ~0.06 | ~0.00 | |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|--------|--------|---------|
| Analysis code => | | | | 730 | 730 | 730 | Calc | |
| Detection limit => | | | | | | | | |
| Sam. rep | Sex | Age | Wght | Lngr | BDE154 | BDE183 | BDE205 | BDESS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 684 | 405 | 0.44 | <0.1 | <0.2 | <10.58 |
| 2/1 | F | 3 | 1275 | 518 | 2.7 | <0.1 | <0.15 | <136.26 |
| 3/1 | F | 3 | 748 | 440 | 0.44 | <0.1 | <0.15 | <12.63 |
| 4/1 | M | 5 | 903 | 477 | miss | miss | miss | |
| 5/1 | M | 4 | 1335 | 546 | 1.8 | <0.1 | 0.45 | <56.40 |
| 6/1 | M | 2 | 642 | 403 | 0.14 | <0.1 | <0.15 | <4.92 |
| 7/1 | F | 2 | 855 | 452 | 0.69 | <0.1 | 0.23 | <16.95 |
| 8/1 | F | 2 | 733 | 423 | 0.28 | <0.1 | <0.15 | <9.98 |
| 9/1 | F | 2 | 591 | 392 | 0.70 | <0.1 | <0.15 | <12.46 |
| 10/ | M | 3 | 1046 | 487 | 0.80 | <0.1 | 0.20 | <22.24 |
| 11/ | M | 2 | 796 | 399 | 0.27 | <0.1 | <0.15 | <12.78 |
| 12/ | F | 2 | 820 | 436 | 0.74 | <0.1 | <0.15 | <15.01 |
| 13/ | M | 2 | 1349 | 531 | 1.8 | <0.1 | 0.27 | <56.77 |
| 14/ | M | 4 | 803 | 418 | 0.54 | <0.1 | <0.15 | <14.41 |
| 15/ | F | 2 | 719 | 417 | 0.82 | <0.1 | 0.30 | <23.84 |
| 16/ | M | 4 | 1087 | 500 | 0.22 | <0.1 | <0.15 | <10.12 |
| 17/ | M | 3 | 710 | 421 | 0.35 | <0.1 | <0.15 | <11.51 |
| 18/ | M | 2 | 602 | 398 | 0.55 | <0.1 | <0.15 | <13.77 |
| 19/ | F | 2 | 415 | 378 | 0.82 | <0.1 | <0.15 | <23.45 |
| 20/ | M | 2 | 537 | 377 | 0.54 | <0.1 | <0.15 | <14.32 |
| 21/ | F | 2 | 584 | 397 | 0.58 | <0.1 | <0.15 | <15.39 |
| 22/ | F | 3 | 419 | 351 | 0.32 | <0.1 | <0.15 | <13.58 |
| 23/ | M | 2 | 626 | 392 | 0.61 | <0.1 | <0.15 | <15.29 |
| 24/ | M | 2 | 510 | 382 | 0.50 | <0.1 | <0.15 | <11.66 |
| 25/ | F | 2 | 511 | 375 | 0.99 | <0.1 | <0.15 | <51.91 |
| Mean | | 3 | 772 | 429 | 0,74 | <<0.10 | <<0.18 | <<24.43 |
| Minimum | | 2 | 415 | 351 | 0,14 | <0.10 | <0.15 | <4.92 |
| Maximum | | 5 | 1349 | 546 | 2,70 | <0.10 | 0,45 | <136.26 |
| St.Dev | | 1 | 266 | 53 | 0,59 | ~0.00 | ~0.07 | ~27.83 |
| Count | | 25 | 25 | 25 | 24 | 24 | 24 | 24 |

miss(14) ! Missing value s/q(9) ! Suspect value

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Comments

Station: Inner Sørfjord

sample no.

- 1 Liver colour: grey yellow
- 2 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: grey
- 3 Age uncertain Liver colour: grey
- 4 Liver with necrotic areas and/or discolouration Age uncertain
Liver colour: grey
- 5 Age unceratin Liver colour: grey
- 6 Liver colour: grey
- 7 Liver colour: grey white
- 8 Liver colour: grey white
- 9 Liver colour: grey white
- 10 Age uncertain Liver colour: grey white
- 11 Age uncertain Liver colour: grey
- 12 Liver colour: grey
- 13 Liver colour: grey
- 14 Liver colour: yellow white
- 15 Liver colour: grey
- 16 Liver with necrotic areas and/or discolouration Age uncertain
Liver colour: grey
- 17 Age uncertain Liver colour: grey
- 18 Age uncertain Liver colour: grey
- 19 Liver colour: grey
- 20 Liver colour: grey
- 21 Liver colour: grey
- 22 Liver colour: grey
- 23 Liver colour: grey
- 24 Age uncertain Liver colour: grey
- 25 Liver colour: grey

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20030110** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 1 | 474 | 380 | 8,3 | 34,0 | 19,0 | 0.0493 | 14.6 | 0.0340 | 30.0 | <1.0 | miss | 4.4 | 3.8 | 10 | 19 | 30 | 2.2 | 8.3 | <1.0 | <73 | <79 | | | | |
| 2/1 | F | 1 | 608 | 380 | 13,8 | 49,5 | 40,0 | 0.0139 | 3.66 | 0.0131 | 18.1 | <1.5 | miss | 3.1 | 3.1 | 7.9 | 15 | 23 | 1.9 | 7.9 | <1.5 | <58 | <63 | | | | |
| 3/1 | M | 1 | 500 | 370 | 6,0 | 34,2 | 16,0 | 0.0608 | 9.50 | 0.0349 | 32.9 | <1.0 | miss | 5.4 | 4.7 | 14 | 27 | 37 | 3.5 | 12 | <1.0 | <96 | <105 | | | | |
| 4/1 | M | 2 | 1017 | 480 | 33,4 | 62,8 | 55,0 | 0.0213 | 20.8 | 0.0129 | 29.5 | <2.0 | miss | 8.2 | 6.1 | 14 | 24 | 31 | 3.7 | 11 | <2.0 | <90 | <100 | | | | |
| 5/1 | M | 1 | 1133 | 480 | 32,5 | 59,0 | 47,0 | 0.0196 | 5.19 | 0.0130 | 19.1 | <2.0 | miss | 16 | 11 | 26 | 37 | 53 | 4.7 | 25 | <2.0 | <159 | <175 | | | | |
| 6/1 | M | 1 | 500 | 370 | 14,0 | 55,3 | 42,0 | 0.0199 | 3.40 | 0.0149 | 18.7 | <2.0 | miss | miss | 5.0 | 15 | 21 | 38 | 2.8 | 9.3 | <2.0 | <85 | <93 | | | | |
| 7/1 | F | 1 | 571 | 370 | 22,3 | 72,2 | 62,0 | 0.0110 | 8.46 | 0.0061 | 20.4 | <3.0 | miss | 7.8 | 5.2 | 14 | 25 | 34 | 2.8 | 10 | <3.0 | <94 | <102 | | | | |
| 8/1 | F | 2 | 1030 | 450 | 32,2 | 53,9 | 41,0 | 0.0185 | 7.34 | 0.0117 | 20.5 | <2.0 | miss | 6.5 | 4.8 | 12 | 19 | 30 | 2.4 | 8.4 | <2.0 | <78 | <85 | | | | |
| 9/1 | F | 2 | 1268 | 510 | 32,4 | 56,6 | 46,0 | 0.0278 | 7.39 | 0.0203 | 24.2 | <2.0 | miss | 9.5 | 10 | 27 | 50 | 68 | 5.0 | 21 | <2.0 | <178 | <193 | | | | |
| 10/ | F | 2 | 1768 | 550 | 62,4 | 68,7 | 58,0 | 0.0139 | 8.56 | 0.0132 | 25.4 | 2.8 | miss | 19 | 12 | 32 | 52 | 72 | 4.7 | 20 | <2.0 | 198 | <217 | | | | |
| 11/ | M | 2 | 1216 | 520 | 16,9 | 42,3 | 27,0 | 0.0297 | 9.08 | 0.0198 | 30.4 | 1.5 | miss | 5.0 | 14 | 32 | 47 | 66 | 5.3 | 18 | <1.0 | 170 | <190 | | | | |
| 12/ | M | 2 | 1352 | 510 | 42,5 | 56,3 | 46,0 | 0.0196 | 8.23 | 0.0230 | 22.1 | <2.0 | miss | 15 | 9.7 | 21 | 38 | 50 | 4.6 | 17 | <2.0 | <143 | <157 | | | | |
| 13/ | M | 4 | 2189 | 600 | 79,5 | 63,0 | 49,0 | 0.0230 | 4.20 | 0.0150 | 20.4 | <2.0 | miss | 15 | 9.4 | 24 | 53 | 70 | 4.0 | 15 | <2.0 | <179 | <192 | | | | |
| 14/ | M | 2 | 1669 | 540 | 34,6 | 44,5 | 31,0 | 0.0663 | 3.35 | 0.0190 | 24.9 | <1.0 | miss | 8.7 | 8.1 | 21 | 45 | 66 | 4.0 | 18 | <1.0 | <160 | <172 | | | | |
| 15/ | F | 5 | 3320 | 640 | 112,7 | 80,4 | 71,0 | 0.0035 | 1.13 | 0.0029 | 14.2 | <2.5 | miss | 9.3 | 3.8 | 8.6 | 14 | 17 | <3.0 | 5.1 | <3.0 | <57 | <61 | | | | |
| 16/ | F | 3 | 2336 | 630 | 45,7 | 53,0 | 42,0 | 0.0347 | 32.1 | 0.0210 | 39.6 | 2.2 | miss | 29 | 16 | 41 | 85 | 120 | 8.6 | 33 | <2.0 | 310 | <337 | | | | |
| 17/ | M | 4 | 2607 | 610 | 156,6 | 61,4 | 48,0 | 0.0126 | 7.35 | 0.0073 | 16.2 | 2.8 | miss | 22 | 7.9 | 21 | 39 | 49 | 2.6 | 11 | <2.6 | 145 | <158 | | | | |
| 18/ | F | 4 | 2692 | 660 | 215,4 | 67,4 | 62,0 | 0.0091 | 8.12 | 0.0071 | 16.8 | 3.7 | miss | 24 | 9.4 | 24 | 46 | 55 | 3.0 | 13 | <2.6 | 166 | <181 | | | | |
| 19/ | F | 4 | 2887 | 680 | 90,3 | 64,6 | 56,0 | 0.0213 | 18.6 | 0.0359 | 25.6 | 3.0 | miss | 27 | 15 | 37 | 76 | 100 | 5.9 | 26 | <2.0 | 269 | <292 | | | | |
| 20/ | F | 8 | 5300 | 830 | 83,6 | 65,7 | 58,0 | 0.0841 | 7.50 | 0.0440 | 23.5 | 5.8 | miss | 29 | 18 | 40 | 78 | 98 | 6.5 | 30 | <2.6 | 281 | <308 | | | | |
| 21/ | M | 2 | 1791 | 540 | 53,5 | 68,0 | 60,0 | 0.0100 | 9.10 | 0.0096 | 24.1 | 3.0 | miss | 33 | 44 | 120 | 140 | 160 | 16 | 36 | <2.4 | 492 | <554 | | | | |
| 22/ | M | 1 | 698 | 410 | 23,1 | 58,8 | 48,0 | 0.0203 | 4.90 | 0.0226 | 17.2 | <2.0 | miss | 3.2 | 5.5 | 13 | 23 | 33 | 2.4 | 8.1 | <2.0 | <82 | <90 | | | | |
| 23/ | M | 1 | 414 | 350 | 9,6 | 50,3 | 37,0 | 0.0227 | 8.39 | 0.0144 | 23.9 | <2.0 | miss | 3.5 | 4.8 | 11 | 20 | 33 | 2.4 | 9.2 | <2.0 | <79 | <86 | | | | |
| 24/ | M | 1 | 489 | 360 | 18,5 | 53,8 | 44,0 | 0.0110 | 3.34 | 0.0089 | 15.4 | <2.0 | miss | 6.5 | 9.0 | 23 | 44 | 83 | 6.4 | 38 | <2.0 | <197 | <212 | | | | |
| 25/ | M | 1 | 353 | 340 | 5,8 | 38,0 | 22,0 | 0.0653 | 7.89 | 0.0696 | 29.8 | <0.80 | miss | 2.2 | 4.2 | 13 | 25 | 40 | 2.5 | 11 | <0.80 | <92 | <99 | | | | |
| Mean | | 2 | 1527 | 502 | 49,8 | 56,5 | 45,1 | 0,03 | 8,89 | 0,03 | 23,3 | <<2.2 | | 13,0 | 9,8 | 24,9 | 42,5 | 58,2 | <4.4 | 16,9 | <<1.9 | <<157 | <<172 | | | | |
| Minimum | | 1 | 353 | 340 | 5,8 | 34,0 | 16,0 | 0,00 | 1,13 | 0,00 | 14,2 | <0.8 | | 2,2 | 3,1 | 7,9 | 14,0 | 17,0 | 1,9 | 5,1 | <0.8 | <57 | <61 | | | | |
| Maximum | | 8 | 5300 | 830 | 215,4 | 80,4 | 71,0 | 0,08 | 32,10 | 0,19 | 39,6 | 5,8 | | 33,0 | 44,0 | 120,0 | 140,0 | 160,0 | 16,0 | 38,0 | <3.0 | 492 | <554 | | | | |
| St.Dev | | 2 | 1178 | 128 | 50,6 | 11,7 | 14,1 | 0,02 | 6,62 | 0,04 | 6,2 | ~1.0 | | 9,6 | 8,3 | 22,1 | 28,3 | 33,7 | ~2.9 | 9,5 | ~0.6 | ~99 | ~110 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | |
| Sam | Sex | Age | Wght | Lngr | DDTTP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 1 | 474 | 380 | | 13 | 81.0 | <1.0 | 1.0 | <2.0 | 1.8 | <0.50 | miss | |
| 2/1 | F | 1 | 608 | 380 | | 6.3 | 67.3 | <1.5 | 2.0 | <3.5 | 3.3 | <0.75 | miss | |
| 3/1 | M | 1 | 500 | 370 | | 19 | 96.0 | <1.0 | <1.0 | <1.0 | 1.7 | <0.5 | miss | |
| 4/1 | M | 2 | 1017 | 480 | | 15 | 135.0 | <2.0 | 2.8 | <4.8 | 5.7 | <1.0 | miss | |
| 5/1 | M | 1 | 1133 | 480 | | 8.7 | 103.7 | <2.0 | 2.3 | <4.3 | 3.3 | <1.0 | miss | |
| 6/1 | M | 1 | 500 | 370 | | 5.2 | 54.2 | <2.0 | 2.4 | <4.4 | 3.6 | <1.0 | miss | |
| 7/1 | F | 1 | 571 | 370 | | 8.8 | 68.8 | <3.0 | 3.7 | <6.7 | 4.4 | <1.5 | miss | |
| 8/1 | F | 2 | 1030 | 450 | | 8.5 | 82.5 | <2.0 | 2.0 | <4.0 | 3.3 | <1.0 | miss | |
| 9/1 | F | 2 | 1268 | 510 | | 17 | 207.0 | <2.0 | 2.6 | <4.6 | 4.8 | <1.0 | miss | |
| 10/ | F | 2 | 1768 | 550 | | 32 | 202.0 | <2.0 | 2.9 | <4.9 | 12 | <1.0 | miss | |
| 11/ | M | 2 | 1216 | 520 | | 64 | 304.0 | <1.0 | 1.4 | <2.4 | 4.6 | <0.50 | s2.5 | |
| 12/ | M | 2 | 1352 | 510 | | 22 | 222.0 | <2.0 | 2.3 | <4.3 | 6.0 | <1.0 | miss | |
| 13/ | M | 4 | 2189 | 600 | | 19 | 309.0 | <2.0 | 2.2 | <4.2 | 7.8 | <1.0 | <1.0 | |
| 14/ | M | 2 | 1669 | 540 | | 13 | 123.0 | <1.0 | 1.5 | <2.5 | 3.1 | <0.50 | s0.88 | |
| 15/ | F | 5 | 3320 | 640 | 15 | 9.4 | 63.4 | <3.0 | 3.3 | <6.3 | 14 | <1.5 | <1.5 | |
| 16/ | F | 3 | 2336 | 630 | 110 | 44 | 394.0 | <2.0 | 2.1 | <4.1 | 7.2 | <1.0 | <1.0 | |
| 17/ | M | 4 | 2607 | 610 | | 25 | 120.0 | <2.6 | <2.6 | <2.6 | 10 | <1.3 | <1.3 | |
| 18/ | F | 4 | 2692 | 660 | 46 | 29 | 195.0 | <2.6 | 2.8 | <5.4 | 15 | <1.6 | 1.7 | |
| 19/ | F | 4 | 2887 | 680 | 99 | 46 | 355.0 | <2.0 | 2.7 | <4.7 | 13 | 1.2 | 1.7 | |
| 20/ | F | 8 | 5300 | 830 | 190 | 58 | 568.0 | <2.6 | 2.6 | <5.2 | 17 | <1.3 | 1.8 | |
| 21/ | M | 2 | 1791 | 540 | | 25 | 145.0 | <2.4 | 2.9 | <5.3 | 11 | <1.2 | <1.2 | |
| 22/ | M | 1 | 698 | 410 | | 8.2 | 69.2 | <2.0 | 2.2 | <4.2 | 3.0 | <1.0 | miss | |
| 23/ | M | 1 | 414 | 350 | | 14 | 79.0 | <2.0 | <2.0 | <2.0 | 3.2 | <1.0 | miss | |
| 24/ | M | 1 | 489 | 360 | | 28 | 168.0 | <2.0 | 2.2 | <4.2 | 3.1 | <1.0 | <1.0 | |
| 25/ | M | 1 | 353 | 340 | | 11 | 60.0 | <0.80 | 1.1 | <1.9 | 2.0 | <0.40 | <0.40 | |
| Mean | | 2 | 1527 | 502 | | 92,0 | 22,0 | 170,9 | <<1.9 | <2.3 | <<4.0 | 6,6 | <<1.0 | <<1.3 |
| Minimum | | 1 | 353 | 340 | | 15,0 | 5,2 | 54,2 | <0.8 | <1.0 | <1.0 | 1,7 | <0.4 | <0.4 |
| Maximum | | 8 | 5300 | 830 | | 190,0 | 64,0 | 568,0 | <3.0 | 3,7 | <6.7 | 17,0 | <1.6 | 1,8 |
| St.Dev | | 2 | 1178 | 128 | | 67,1 | 16,0 | 128,1 | ~0.6 | ~0.7 | ~1.4 | 4,6 | ~0.3 | ~0.4 |
| Count | | 25 | 25 | 25 | | 5 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 10 |

miss(39) ! Missing value s/q(2) ! Suspect value

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Comments

Station: Strandebarm

sample no.

1 Age uncertain Liver colour: yellow brown
2 Age uncertain Liver colour: yellow
3 Age uncertain Liver colour: yellow brown
4 Age uncertain Liver colour: yellow
5 Age uncertain Liver colour: yellow
6 Liver colour: yellow
7 Liver colour: yellow white
8 Liver colour: yellow white
9 Liver colour: yellow
10 Liver colour: yellow white
11 Liver colour: yellow
12 Liver colour: yellow brown
13 Liver colour: yellow
14 Liver colour: yellow
15 Age uncertain Liver colour: yellow white
16 Liver colour: yellow
17 Liver colour: yellow
18 Age uncertain Liver colour: yellow
19 Liver colour: yellow brown
20 Age uncertain Liver colour: yellow
21 Age uncertain Liver colour: yellow
22 Liver colour: yellow brown
23 Liver colour: yellow
24 Liver colour: yellow
25 Liver colour: yellow

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20031101** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 1 | 457 | 335 | 21,6 | 67,3 | 65,0 | 0.0082 | 2.57 | <0.02 | 10.4 | 3.0 | 5.5 | 11 | 10 | 20 | 19 | 26 | <3 | 8.1 | <3 | 93 | <106 | | | | |
| 2/1 | F | 1 | 596 | 370 | 34,7 | 69,3 | 65,0 | 0.0048 | 6.00 | <0.02 | 15.0 | <3 | <3 | 5.5 | <3 | 4.5 | 9.0 | 12 | <3 | 3.5 | <3 | <38 | <38 | | | | |
| 3/1 | M | 1 | 553 | 375 | 18,2 | 68,6 | 57,0 | 0.014 | 3.12 | <0.02 | 15.3 | <3 | <3 | 4.7 | <3 | 7.1 | 13 | 20 | <3 | 5.1 | <3 | <53 | <53 | | | | |
| 4/1 | F | 1 | 536 | 380 | 15,1 | 56,2 | 46,0 | 0.0092 | 2.35 | <0.02 | 18.6 | <3 | <3 | 8.5 | 4.0 | 11 | 24 | 39 | <3 | 10 | <3 | <96 | <100 | | | | |
| 5/1 | M | 1 | 607 | 380 | 21,9 | 66,2 | 59,0 | 0.0076 | 2.71 | <0.02 | 14.2 | <3 | <3 | 8.4 | 3.4 | 9.0 | 17 | 25 | <3 | 6.4 | <3 | <69 | <72 | | | | |
| 6/1 | F | 1 | 624 | 390 | 51,8 | 74,4 | 68,0 | 0.0036 | 3.92 | <0.02 | 12.5 | <3 | <3 | 7.1 | 4.4 | 11 | 16 | 23 | <3 | 6.0 | <3 | <66 | <71 | | | | |
| 7/1 | M | 1 | 816 | 405 | 23,9 | 63,0 | 55,0 | 0.012 | 3.70 | <0.02 | 17.7 | <3 | <3 | 6.1 | 3.3 | 8.6 | 15 | 24 | <3 | 5.9 | <3 | <63 | <66 | | | | |
| 8/1 | F | 2 | 884 | 435 | 37,8 | 65,3 | 58,0 | 0.0082 | 3.22 | <0.02 | 16.6 | <3 | <3 | 4.2 | <3 | 5.1 | 9.5 | 17 | <3 | 5.5 | <3 | <44 | <44 | | | | |
| 9/1 | M | 2 | 1043 | 440 | 59,6 | 68,9 | 59,0 | 0.0067 | 5.08 | <0.02 | 15.0 | <3 | <3 | 4.9 | <3 | 5.9 | 11 | 19 | <3 | 5.4 | <3 | <49 | <49 | | | | |
| 10/ | M | 2 | 999 | 445 | 49,1 | 65,2 | 58,0 | 0.01 | 4.15 | <0.02 | 19.2 | <3 | <3 | 3.6 | <3 | 7.3 | 12 | 21 | <3 | 5.6 | <3 | <53 | <53 | | | | |
| 11/ | F | 2 | 1223 | 460 | 51,5 | 65,7 | 58,0 | 0.011 | 2.63 | <0.02 | 13.2 | <3 | <3 | 8.0 | 4.7 | 14 | 27 | 41 | <3 | 8.7 | <3 | <102 | <106 | | | | |
| 12/ | M | 2 | 1281 | 480 | 84,8 | 64,9 | 58,0 | 0.0303 | 5.73 | <0.02 | 16.5 | <3 | <3 | 7.8 | 4.4 | 13 | 26 | 40 | <3 | 8.7 | <3 | <99 | <103 | | | | |
| 13/ | M | 2 | 1334 | 470 | 93,9 | 68,3 | 61,0 | 0.0064 | 4.96 | <0.02 | 13.4 | <3 | <3 | 7.9 | 4.6 | 10 | 18 | 26 | <3 | 7.6 | <3 | <73 | <77 | | | | |
| 14/ | M | 3 | 1565 | 525 | 85,9 | 70,9 | 65,0 | 0.01 | 6.93 | <0.02 | 15.2 | <3 | 3.4 | 13 | 6.1 | 17 | 34 | 47 | 3.2 | 13 | <3 | <130 | <140 | | | | |
| 15/ | M | 2 | 1359 | 510 | 44,6 | 65,3 | 58,0 | 0.0192 | 4.37 | <0.02 | 14.5 | <3 | <3 | 6.1 | 3.5 | 9.6 | 19 | 37 | <3 | 12 | <3 | <87 | <90 | | | | |
| 16/ | F | 2 | 1537 | 530 | 36,5 | 58,4 | 49,0 | 0.0201 | 10.8 | <0.02 | 22.8 | 3.6 | 7.3 | 26 | 13 | 41 | 78 | 110 | 7.3 | 30 | <3 | 296 | <319 | | | | |
| 17/ | F | 2 | 818 | 440 | 21,3 | 64,5 | 56,0 | 0.0207 | 9.76 | 0.03 | 24.9 | 4.5 | 5.7 | 16 | 18 | 42 | 76 | 110 | 7.3 | 36 | <3 | 290 | <319 | | | | |
| 18/ | M | 2 | 936 | 440 | 25,2 | 53,3 | 43,0 | 0.0224 | 5.39 | 0.04 | 20.00 | <3 | <3 | 5.4 | 5.4 | 16 | 36 | 52 | <3 | 11 | <3 | <123 | <129 | | | | |
| 19/ | M | 2 | 1059 | 445 | 67,8 | 62,1 | 52,0 | 0.0051 | 4.11 | <0.02 | 10.8 | <3 | <3 | 14 | 8.0 | 28 | 48 | 69 | 4.8 | 19 | <3 | <181 | <194 | | | | |
| 20/ | M | 2 | 1100 | 480 | 42,0 | 61,8 | 54,0 | 0.011 | 4.20 | 0.02 | 20.6 | <3 | <3 | 13 | 6.9 | 19 | 42 | 54 | <3 | 11 | <3 | <142 | <149 | | | | |
| 21/ | M | 2 | 1113 | 470 | 50,4 | 65,4 | 58,0 | 0.014 | 6.04 | <0.02 | 17.0 | <3 | <3 | 5.7 | <3 | 7.5 | 15 | 23 | <3 | 6.6 | <3 | <61 | <61 | | | | |
| 22/ | M | 2 | 1303 | 475 | 82,9 | 72,9 | 67,0 | 0.011 | 7.50 | <0.02 | 16.1 | <3 | <3 | 7.5 | 3.6 | 9.0 | 16 | 22 | <3 | 6.4 | <3 | <64 | <68 | | | | |
| 23/ | M | 3 | 2110 | 550 | 150,2 | 64,0 | 54,0 | 0.0056 | 2.84 | <0.02 | 19.7 | <3 | 3.8 | 24 | 9.8 | 29 | 68 | 89 | 4.8 | 21 | <3 | <238 | <252 | | | | |
| 24/ | M | 3 | 2190 | 590 | 149,4 | 75,1 | 68,0 | 0.0067 | 6.30 | <0.02 | 18.7 | 3.0 | 4.9 | 14 | 5.7 | 15 | 31 | 39 | <3 | 9.8 | <3 | 117 | <125 | | | | |
| 25/ | F | 3 | 3581 | 700 | 136,8 | 68,4 | 59,0 | 0.014 | 13.4 | <0.02 | 23.5 | <3 | 5.5 | 22 | 9.5 | 25 | 52 | 69 | 4.3 | 17 | <3 | <194 | <207 | | | | |
| Mean | | 2 | 1185 | 461 | 58,3 | 65,8 | 58,0 | 0,01 | 5,27 | <<0.02 | 16,9 | <<3.1 | <<3.6 | 10,2 | <5.9 | 15,4 | 29,3 | 42,2 | <<3.5 | 11,2 | <<3.0 | <<113 | <<120 | | | | |
| Minimum | | 1 | 457 | 335 | 15,1 | 53,3 | 43,0 | 0,00 | 2,35 | <0.02 | 10,4 | <3.0 | <3.0 | 3,6 | <3.0 | 4,5 | 9,0 | 12,0 | <3.0 | 3,5 | <3.0 | <38 | <38 | | | | |
| Maximum | | 3 | 3581 | 700 | 150,2 | 75,1 | 68,0 | 0,03 | 13,40 | 0,04 | 24,9 | 4,5 | 7,3 | 26,0 | 18,0 | 42,0 | 78,0 | 110,0 | 7,3 | 36,0 | <3.0 | 296 | <319 | | | | |
| St.Dev | | 1 | 671 | 79 | 39,9 | 5,1 | 6,4 | 0,01 | 2,74 | ~0.00 | 3,7 | ~0.3 | ~1.2 | 6,2 | ~3.7 | 10,4 | 20,6 | 27,7 | ~1.3 | 8,0 | ~0.0 | ~73 | ~80 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | |
| Sam. rep | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 1 | 457 | 335 | | 13 | 63.0 | <3 | <3 | <3.0 | 4.3 | <1.5 | <1.5 | |
| 2/1 | F | 1 | 596 | 370 | | 10 | 47.0 | <3 | <3 | <3.0 | 4.5 | <1.5 | <1.5 | |
| 3/1 | M | 1 | 553 | 375 | | 10 | 67.0 | <3 | <3 | <3.0 | 3.0 | <1.5 | <1.5 | |
| 4/1 | F | 1 | 536 | 380 | | 13 | 108.0 | <3 | <3 | <3.0 | 3.5 | <1.5 | <1.5 | |
| 5/1 | M | 1 | 607 | 380 | | 16 | 116.0 | <3 | <3 | <3.0 | 5.1 | <1.5 | <1.5 | |
| 6/1 | F | 1 | 624 | 390 | | 11 | 55.0 | <3 | <3 | <3.0 | 5.0 | <1.5 | <1.5 | |
| 7/1 | M | 1 | 816 | 405 | | 17 | 109.0 | <3 | <3 | <3.0 | 5.3 | <1.5 | <1.5 | |
| 8/1 | F | 2 | 884 | 435 | | 8.8 | 45.8 | <3 | <3 | <3.0 | 3.9 | <1.5 | <1.5 | |
| 9/1 | M | 2 | 1043 | 440 | | 10 | 61.0 | <3 | <3 | <3.0 | 4.5 | <1.5 | <1.5 | |
| 10/ | M | 2 | 999 | 445 | | 8.0 | 55.0 | <3 | <3 | <3.0 | 4.3 | <1.5 | <1.5 | |
| 11/ | F | 2 | 1223 | 460 | | 15 | 104.0 | <3 | <3 | <3.0 | 4.9 | <1.5 | <1.5 | |
| 12/ | M | 2 | 1281 | 480 | | 15 | 99.0 | <3 | <3 | <3.0 | 5.4 | <1.5 | <1.5 | |
| 13/ | M | 2 | 1334 | 470 | | 12 | 73.0 | <3 | <3 | <3.0 | 5.4 | <1.5 | <1.5 | |
| 14/ | M | 3 | 1565 | 525 | 82 | 26 | 258.0 | <3 | <3 | <3.0 | 9.4 | <1.5 | <1.5 | |
| 15/ | M | 2 | 1359 | 510 | | 13 | 123.0 | <3 | <3 | <3.0 | 5.1 | <1.5 | <1.5 | |
| 16/ | F | 2 | 1537 | 530 | 140 | 40 | 430.0 | <3 | <3 | <3.0 | 12 | <1.5 | <1.5 | |
| 17/ | F | 2 | 818 | 440 | | 46 | 216.0 | <3 | <3 | <3.0 | 6.3 | <1.5 | <1.5 | |
| 18/ | M | 2 | 936 | 440 | | 14 | 114.0 | <3 | <3 | <3.0 | 4.6 | <1.5 | <1.5 | |
| 19/ | M | 2 | 1059 | 445 | | 11 | 65.0 | <3 | <3 | <3.0 | 4.7 | <1.5 | <1.5 | |
| 20/ | M | 2 | 1100 | 480 | | 27 | 167.0 | <3 | <3 | <3.0 | 6.3 | <1.5 | <1.5 | |
| 21/ | M | 2 | 1113 | 470 | | 11 | 78.0 | <3 | <3 | <3.0 | 5.4 | <1.5 | <1.5 | |
| 22/ | M | 2 | 1303 | 475 | | 14 | 76.0 | <3 | <3 | <3.0 | 6.7 | <1.5 | <1.5 | |
| 23/ | M | 3 | 2110 | 550 | 65 | 43 | 418.0 | <3 | <3 | <3.0 | 6.1 | <1.5 | <1.5 | |
| 24/ | M | 3 | 2190 | 590 | 37 | 27 | 184.0 | <3 | <3 | <3.0 | 7.8 | <1.5 | <1.5 | |
| 25/ | F | 3 | 3581 | 700 | 56 | 38 | 284.0 | <3 | <3 | <3.0 | 9.5 | 2.1 | <1.5 | |
| Mean | | 2 | 1185 | 461 | | 76,0 | 18,8 | 136,6 | <<3.0 | <<3.0 | <<3.0 | 5,7 | <<1.5 | <<1.5 |
| Minimum | | 1 | 457 | 335 | | 37,0 | 8,0 | 45,8 | <3.0 | <3.0 | <3.0 | 3,0 | <1.5 | <1.5 |
| Maximum | | 3 | 3581 | 700 | | 140,0 | 46,0 | 430,0 | <3.0 | <3.0 | <3.0 | 12,0 | 2,1 | <1.5 |
| St.Dev | | 1 | 671 | 79 | | 39,3 | 11,5 | 107,7 | ~0.0 | ~0.0 | ~0.0 | 2,0 | ~0.1 | ~0.0 |
| Count | | 25 | 25 | 25 | | 5 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

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Comments

Station: Strandebarrow Fish 17-25 sampled in oct.2003 before 17.oct
Fish 1-16 sampled between 17.oct and 14.nov 2003

sample no.

- 1 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour:yellow
- 2 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: yellow red
- 3 Liver colour: yellow
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 5 Liver colour: yellow
- 6 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour:yellow
- 7 Liver colour: yellow
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 9 Liver colour : yellow
- 10 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow
- 11 Liver colour: yellow
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow
- 13 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 15 Liver colour: yellow red
- 16 Liver colour: yellow red
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red
- 18 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
liver colour: red yellow
- 19 Liver colour: white red
- 20 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: red yellow
- 21 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: red white
- 22 Liver colour:white red
- 23 Age uncertain Liver colour: yellow red
- 24 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white red
- 25 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20041115** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 1 | 455 | 350 | 32,2 | 74,4 | 72,0 | 0.01 | 1.47 | <0.02 | 8.59 | <3 | 8.8 | 18 | 5.0 | 20 | 31 | 31 | <3 | 8.5 | <3 | <120 | <125 | | | | |
| 2/1 | F | 1 | 368 | 330 | 4,0 | 19,3 | 2,8 | 0.0453 | 6.46 | 0.03 | 40.4 | 0.50 | 0.55 | 2.7 | 3.7 | 12 | 19 | 29 | 1.6 | 7.7 | <0.5 | 71 | <77 | | | | |
| 3/1 | M | 1 | 495 | 350 | 7,8 | 48,1 | 38,0 | 0.017 | 4.34 | <0.02 | 21.7 | <2 | <2 | 6.9 | 5.2 | 16 | 35 | 51 | 2.7 | 13 | <2 | <124 | <132 | | | | |
| 4/1 | M | 1 | 544 | 390 | 14,8 | 56,4 | 50,0 | 0.0233 | 4.30 | 0.02 | 20.2 | <2 | miss | 5.8 | 3.4 | 9.9 | 15 | 24 | <2 | 6.4 | <2 | <63 | <67 | | | | |
| 5/1 | F | 1 | 460 | 365 | 12,2 | 53,1 | 46,0 | 0.012 | 1.88 | <0.02 | 18.8 | <2 | miss | 2.6 | 3.8 | 12 | 23 | 43 | 2.2 | 10 | <2 | <93 | <99 | | | | |
| 6/1 | F | 1 | 523 | 365 | 35,9 | 68,9 | 62,0 | 0.0062 | 5.26 | <0.02 | 11.6 | 2.2 | 5.5 | 14 | 3.7 | 12 | 24 | 27 | 2.2 | 6.9 | <2 | 92 | <100 | | | | |
| 7/1 | F | 1 | 540 | 380 | 10,6 | 49,5 | 44,0 | 0.0200 | 5.98 | <0.02 | 25.8 | <2 | 2.1 | 6.8 | 4.4 | 14 | 29 | 42 | 2.7 | 12 | <2 | <108 | <115 | | | | |
| 8/1 | M | 1 | 673 | 385 | 14,4 | 55,1 | 44,0 | 0.0187 | 6.12 | <0.02 | 26.6 | <2 | 3.6 | 15 | 7.8 | 25 | 53 | 71 | 5.4 | 22 | <2 | <192 | <205 | | | | |
| 9/1 | M | 1 | 613 | 390 | 26,0 | 69,1 | 65,0 | 0.0082 | 6.55 | <0.02 | 16.4 | <3 | <3 | 5.8 | <3 | 6.4 | 12 | 15 | <3 | 4.2 | <3 | <46 | <46 | | | | |
| 10/ | M | 1 | 692 | 410 | 20,2 | 65,5 | 62,0 | 0.013 | 4.39 | <0.02 | 19.2 | <2 | s3.1 | 6.3 | 5.6 | 16 | 34 | 48 | 3.0 | 13 | <2 | s<122 | s<131 | | | | |
| 11/ | M | 1 | 562 | 390 | 4,5 | 23,0 | 3,3 | 0.0453 | 9.24 | 0.23 | 42.2 | <0.5 | <0.5 | 1.5 | 1.4 | 4.0 | 10 | 15 | 1.0 | 5.9 | <0.5 | <37 | <39 | | | | |
| 12/ | M | 1 | 652 | 395 | 21,5 | 63,4 | 58,0 | 0.0062 | 3.50 | <0.02 | 15.4 | <2 | <2 | 4.8 | 2.6 | 7.7 | 16 | 23 | <2 | 6.3 | <2 | <60 | <62 | | | | |
| 13/ | F | 1 | 727 | 410 | 4,6 | 33,1 | 16,0 | 0.018 | 7.18 | 0.07 | 30.9 | 1.0 | <1 | 5.1 | 6.1 | 20 | 44 | 69 | 3.4 | 17 | <1 | <157 | <167 | | | | |
| 14/ | F | 1 | 758 | 420 | 7,5 | 26,0 | 6,4 | 0.0551 | 5.86 | 0.02 | 38.6 | <0.4 | 0.62 | 4.9 | 6.3 | 21 | 37 | 63 | 3.7 | 18 | <0.4 | <145 | <155 | | | | |
| 15/ | M | 1 | 756 | 410 | 22,9 | 53,8 | 44,0 | 0.01 | 3.32 | <0.02 | 17.1 | <2 | 2.9 | 5.2 | 2.5 | 7.8 | 15 | 24 | <2 | 6.4 | <2 | <63 | <66 | | | | |
| 16/ | M | 1 | 690 | 420 | 8,4 | 21,8 | 4,9 | 0.0347 | 6.67 | 0.05 | 29.2 | <0.4 | <0.4 | 2.3 | 5.4 | 14 | 19 | 42 | 2.1 | 9.0 | <0.4 | <87 | <94 | | | | |
| 17/ | M | 1 | 810 | 425 | 27,9 | 64,0 | 59,0 | 0.016 | 5.13 | <0.02 | 18.4 | <2 | 2.5 | 7.3 | 4.3 | 14 | 27 | 36 | 2.1 | 9.4 | <2 | <98 | <105 | | | | |
| 18/ | M | 1 | 1066 | 455 | 39,8 | 62,5 | 57,0 | 0.0056 | 10.5 | <0.02 | 22.3 | <2 | <2 | 3.6 | <2 | 4.1 | 8.5 | 12 | <2 | 3.3 | <2 | <34 | <34 | | | | |
| 19/ | M | 1 | 934 | 455 | 32,0 | 70,6 | 69,0 | 0.008 | 4.60 | <0.02 | 17.7 | 2.2 | 5.7 | 21 | 8.3 | 29 | 50 | 68 | 4.7 | 16 | <2 | 192 | <207 | | | | |
| 20/ | M | 1 | 1061 | 470 | 21,1 | 56,1 | 46,0 | 0.0286 | 5.30 | 0.04 | 23.5 | 2.4 | 3.5 | 20 | 9.1 | 25 | 63 | 85 | 4.5 | 20 | <2 | 219 | <235 | | | | |
| 21/ | M | 1 | 956 | 445 | 42,1 | 64,2 | 59,0 | 0.0044 | 4.94 | <0.02 | 14.6 | <2 | <2 | 5.7 | 2.3 | 6.3 | 13 | 19 | <2 | 4.6 | <2 | <51 | <53 | | | | |
| 22/ | F | 1 | 1090 | 475 | 26,6 | 60,0 | 50,0 | 0.0170 | 6.43 | <0.02 | 22.3 | <2 | 2.6 | 10 | 6.3 | 20 | 40 | 59 | 3.5 | 16 | <2 | <150 | <159 | | | | |
| 23/ | M | 2 | 1508 | 520 | 53,3 | 67,3 | 63,0 | 0.012 | 7.63 | <0.02 | 21.6 | <2 | 3.5 | 10 | 4.3 | 12 | 25 | 37 | 2.6 | 9.7 | <2 | <99 | <106 | | | | |
| 24/ | M | 2 | 1207 | 490 | 63,5 | 71,5 | 64,0 | 0.0063 | 6.15 | <0.02 | 14.1 | <2 | <2 | 5.5 | 2.0 | 6.6 | 13 | 18 | <2 | 4.6 | <2 | <50 | <52 | | | | |
| 25/ | F | 3 | 2817 | 655 | 37,7 | 38,7 | 27,0 | 0.0317 | 16.1 | 0.07 | 40.00 | 2.2 | 19 | 84 | 110 | 280 | 310 | 400 | 36 | 92 | <2 | 1187 | <1335 | | | | |
| Mean | 1 | 838 | 422 | 23,7 | 53,4 | 44,5 | 0,02 | 5,97 | <<0.03 | 23,1 | <<1.8 | <<3.4 | 11,0 | <8.7 | 24,6 | 38,6 | 54,0 | <<4.1 | 13,7 | <<1.8 | <<147 | <<160 | | | | | |
| Minimum | 1 | 368 | 330 | 4,0 | 19,3 | 2,8 | 0,00 | 1,47 | <0.02 | 8,6 | <0.4 | <0.4 | 1,5 | 1,4 | 4,0 | 8,5 | 12,0 | 1,0 | 3,3 | <0.4 | <34 | <34 | | | | | |
| Maximum | 3 | 2817 | 655 | 63,5 | 74,4 | 72,0 | 0,06 | 16,10 | 0,23 | 42,2 | <3.0 | 19,0 | 84,0 | 110,0 | 280,0 | 310,0 | 400,0 | 36,0 | 92,0 | <3.0 | 1187 | <1335 | | | | | |
| St.Dev | 0 | 494 | 67 | 15,7 | 16,9 | 21,9 | 0,01 | 2,90 | ~0.04 | 9,2 | ~0.7 | ~4.0 | 16,2 | ~21.2 | 53,6 | 58,4 | 74,9 | ~6.7 | 17,1 | ~0.7 | ~227 | ~256 | | | | | |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | 2 |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 1 | 455 | 350 | | 30 | 118.0 | <3 | <3 | <3.0 | 21 | miss | <1.5 |
| 2/1 | F | 1 | 368 | 330 | | 6.5 | 32.5 | <0.5 | <0.5 | <0.5 | 0.30 | <0.3 | <0.3 |
| 3/1 | M | 1 | 495 | 350 | | 37 | 207.0 | <2 | <2 | <2.0 | 3.7 | <1 | <1 |
| 4/1 | M | 1 | 544 | 390 | | 15 | 89.0 | <2 | <2 | <2.0 | 6.2 | <1 | <1 |
| 5/1 | F | 1 | 460 | 365 | | 8.9 | 61.9 | <2 | <2 | <2.0 | 2.9 | <1 | <1 |
| 6/1 | F | 1 | 523 | 365 | | 21 | 82.0 | <2 | <2 | <2.0 | 10 | miss | <1 |
| 7/1 | F | 1 | 540 | 380 | | 17 | 99.0 | <2 | <2 | <2.0 | 5.3 | <1 | <1 |
| 8/1 | M | 1 | 673 | 385 | | 23 | 163.0 | <2 | <2 | <2.0 | 5.4 | <1 | <1 |
| 9/1 | M | 1 | 613 | 390 | | 13 | 75.0 | <3 | <3 | <3.0 | 7.4 | <1.5 | <1.5 |
| 10/ | M | 1 | 692 | 410 | | 15 | 113.0 | <2 | <2 | <2.0 | 7.3 | 1.1 | <1 |
| 11/ | M | 1 | 562 | 390 | | 5.0 | 30.0 | <0.5 | <0.5 | <0.5 | 0.43 | <0.3 | <0.3 |
| 12/ | M | 1 | 652 | 395 | | 13 | 81.0 | <2 | <2 | <2.0 | 6.0 | <1 | <1 |
| 13/ | F | 1 | 727 | 410 | | 44 | 214.0 | <1 | <1 | <1.0 | 2.6 | <0.5 | <0.5 |
| 14/ | F | 1 | 758 | 420 | | 16 | 80.0 | <0.4 | <0.4 | <0.4 | 0.65 | <0.2 | <0.2 |
| 15/ | M | 1 | 756 | 410 | | 12 | 79.0 | <2 | <2 | <2.0 | 5.0 | <1 | <1 |
| 16/ | M | 1 | 690 | 420 | | 8.8 | 50.8 | <0.4 | <0.4 | <0.4 | 0.64 | <0.2 | <0.2 |
| 17/ | M | 1 | 810 | 425 | | 15 | 102.0 | <2 | <2 | <2.0 | 5.9 | <1 | <1 |
| 18/ | M | 1 | 1066 | 455 | | 8.3 | 43.3 | <2 | <2 | <2.0 | 4.7 | <1 | <1 |
| 19/ | M | 1 | 934 | 455 | | 28 | 158.0 | <2 | <2 | <2.0 | 7.9 | miss | <1 |
| 20/ | M | 1 | 1061 | 470 | 64 | 60 | 384.0 | <2 | <2 | <2.0 | 7.0 | <1 | <1 |
| 21/ | M | 1 | 956 | 445 | | 14 | 72.0 | <2 | <2 | <2.0 | 4.9 | <1 | <1 |
| 22/ | F | 1 | 1090 | 475 | 34 | 23 | 217.0 | <2 | <2 | <2.0 | 6.6 | <1 | <1 |
| 23/ | M | 2 | 1508 | 520 | 44 | 28 | 202.0 | <2 | <2 | <2.0 | 8.1 | miss | <1 |
| 24/ | M | 2 | 1207 | 490 | 22 | 13 | 101.0 | <2 | <2 | <2.0 | 5.2 | <1 | <1 |
| 25/ | F | 3 | 2817 | 655 | 65 | 73 | 468.0 | <2 | <2 | <2.0 | 4.2 | <1 | <1 |
| Mean | 1 | 838 | 422 | | 45,8 | 21,9 | 132,9 | <<1.8 | <<1.8 | <<1.8 | 5,6 | <<0.9 | <<0.9 |
| Minimum | 1 | 368 | 330 | | 22,0 | 5,0 | 30,0 | <0.4 | <0.4 | <0.4 | 0,3 | <0.2 | <0.2 |
| Maximum | 3 | 2817 | 655 | | 65,0 | 73,0 | 468,0 | <3.0 | <3.0 | <3.0 | 21,0 | <1.5 | <1.5 |
| St.Dev | 0 | 494 | 67 | | 18,8 | 16,5 | 105,1 | ~0.7 | ~0.7 | ~0.7 | 4,1 | ~0.3 | ~0.3 |
| Count | 25 | 25 | 25 | | 5 | 25 | 25 | 25 | 25 | 25 | 25 | 21 | 25 |

miss(6) ! Missing value s/q(3) ! Suspect value

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Comments

Station: Strandebarm

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow white
- 2 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red brown
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Skin with ulceration, lymphocytic areas and/or lesions
Liver colour: yellow brown
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow brown
- 5 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red. Liquied and fat liver
- 7 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow white
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow white
- 9 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow white
- 10 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red
- 11 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: brown red
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red
- 13 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red brown
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Only one eye
Liver colour: yellow red
- 18 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 24 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: yellow red
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20051030** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 3 | 431 | 355 | 7,3 | 48,0 | 37,0 | 0.0369 | 4.46 | 0.0097 | 19.9 | <3 | <3 | 5.1 | 8.2 | 18 | 27 | 50 | 5.2 | 24 | <3 | <127 | <141 | | |
| 2/1 | F | 3 | 561 | 355 | 73,8 | 78,0 | 76,0 | 0.0072 | 3.59 | 0.0028 | 11.0 | <3 | 5.0 | 11 | 4.0 | 12 | 18 | 23 | <3 | 6.3 | <3 | <78 | <82 | | |
| 3/1 | M | 3 | 622 | 360 | 71,0 | 73,0 | 68,0 | 0.0098 | 5.71 | 0.0051 | 10.1 | <3 | 4.4 | 10 | 3.4 | 9.8 | 16 | 19 | <3 | 5.1 | <3 | <67 | <71 | | |
| 4/1 | M | 3 | 602 | 360 | 35,7 | 69,0 | 65,0 | 0.0258 | 4.29 | 0.0047 | 13.2 | <3 | 4.9 | 10 | 3.2 | 10 | 15 | 18 | <3 | 5.1 | <3 | <66 | <69 | | |
| 5/1 | M | 2 | 836 | 395 | 105,7 | 80,0 | 80,0 | 0.003 | 1.23 | 0.0053 | 10.6 | 3.6 | 8.8 | 23 | 7.1 | 22 | 36 | 44 | 3.8 | 12 | <3 | 149 | <163 | | |
| 6/1 | F | 3 | 587 | 375 | 7,7 | 38,0 | 24,0 | 0.0386 | 6.39 | 0.016 | 24.9 | <1.5 | 1.6 | 4.8 | 7.6 | 17 | 28 | 50 | 4.5 | 20 | <1.5 | <123 | <135 | | |
| 7/1 | F | 3 | 515 | 370 | 7,7 | 42,0 | 29,0 | 0.0252 | 2.95 | 0.0071 | 17.3 | <1.5 | 2.4 | 7.7 | s7.3 | 17 | 28 | 53 | s4.7 | 21 | <1.5 | <131 | s<143 | | |
| 8/1 | F | 4 | 573 | 380 | 7,4 | 42,0 | 29,0 | 0.0528 | 6.61 | 0.0203 | 25.1 | s1.7 | 2.7 | 14 | 8.6 | 25 | 57 | 93 | 8.1 | 37 | <1.5 | s230 | s<249 | | |
| 9/1 | M | 3 | 614 | 390 | 12,0 | 52,0 | 43,0 | 0.0271 | 5.33 | 0.011 | 16.8 | s1.9 | 3.7 | 9.2 | 7.3 | 17 | 28 | 53 | 4.8 | 20 | <1.5 | s133 | s<146 | | |
| 10/ | F | 2 | 612 | 380 | 3,9 | 24,0 | 9,1 | 0.0435 | 3.50 | 0.0272 | 26.6 | <1.5 | <1.5 | 8.4 | 9.5 | 33 | 51 | 100 | 6.9 | 25 | <1.5 | <219 | <235 | | |
| 11/ | F | 2 | 703 | 378 | 44,3 | 65,0 | 63,0 | 0.0061 | 1.97 | 0.004 | 11.2 | <3 | miss | 3.5 | <3 | 5.2 | 8.8 | 17 | <3 | 4.8 | <3 | <42 | <42 | | |
| 12/ | F | 3 | 638 | 403 | 5,2 | 32,0 | 14,0 | 0.110 | 5.51 | 0.232 | 32.6 | <1.5 | <1.5 | 2.1 | 6.0 | 18 | 31 | 50 | 3.5 | 13 | <1.5 | <116 | <125 | | |
| 13/ | F | 3 | 607 | 385 | 11,0 | 50,0 | 38,0 | 0.0333 | 14.3 | 0.0065 | 22.5 | 1.8 | 2.4 | 5.4 | 5.6 | 17 | 31 | 70 | s3.6 | 19 | 0.19 | 147 | s156 | | |
| 14/ | F | 3 | 730 | 405 | 13,0 | 47,0 | 36,0 | 0.0314 | 5.21 | 0.0323 | 20.2 | 2.2 | 6.8 | 34 | 9.6 | 37 | 99 | 190 | s9.1 | 59 | 1.8 | 428 | s449 | | |
| 15/ | F | 2 | 748 | 420 | 12,6 | 49,0 | 38,0 | 0.0200 | 3.00 | 0.0188 | 16.0 | 1.0 | 1.7 | 5.9 | 3.9 | 11 | 28 | 64 | 3.2 | 20 | <0.5 | 132 | <139 | | |
| 16/ | M | 3 | 883 | 460 | 8,5 | 37,0 | 19,0 | 0.0339 | 4.69 | 0.0628 | 26.1 | 0.83 | 0.94 | 7.0 | 8.3 | 31 | 86 | 150 | s5.8 | 32 | 0.58 | 308 | s322 | | |
| 17/ | M | 2 | 862 | 460 | 13,1 | 44,0 | 31,0 | 0.0298 | 4.72 | 0.016 | 23.6 | 1.5 | 1.1 | 7.1 | 12 | 41 | 82 | 160 | s7.1 | 40 | 0.79 | 333 | s353 | | |
| 18/ | F | 3 | 1406 | 495 | 42,2 | 68,0 | 60,0 | 0.0136 | 7.77 | 0.0056 | 22.8 | 1.1 | 1.7 | 7.1 | 4.7 | 14 | 38 | 68 | s2.8 | 16 | <0.5 | 146 | s<154 | | |
| 19/ | F | 3 | 1317 | 510 | 30,5 | 58,0 | 49,0 | 0.0176 | 6.52 | 0.0713 | 21.8 | 1.1 | 2.2 | 13 | 8.3 | 30 | 60 | 110 | s5.0 | 26 | <0.5 | 242 | s<256 | | |
| 20/ | F | 3 | 1990 | 550 | 259,3 | 66,0 | 63,0 | 0.0017 | 1.72 | 0.0022 | 19.8 | 1.6 | 4.4 | 11 | 3.2 | 11 | 18 | 23 | s1.2 | 5.8 | <0.5 | 75 | s<80 | | |
| 21/ | F | 2 | 1542 | 550 | 27,5 | 57,0 | 47,0 | 0.0316 | 13.8 | 0.0075 | 26.7 | 1.0 | 2.3 | 7.7 | 6.0 | 18 | 34 | 90 | 4.3 | 25 | <0.6 | 178 | <189 | | |
| 22/ | M | 3 | 1759 | 560 | 56,5 | 65,0 | 56,0 | 0.0164 | 4.60 | 0.0057 | 19.5 | 1.4 | 2.4 | 7.9 | 5.0 | 15 | 34 | 66 | 2.4 | 13 | <0.5 | 140 | <148 | | |
| 23/ | F | 4 | 2125 | 580 | 245,7 | 74,0 | 72,0 | 0.0032 | 1.55 | 0.0089 | 11.7 | 2.2 | 6.1 | 15 | 4.6 | 15 | 26 | 36 | s1.8 | 8.3 | <0.6 | 109 | s<116 | | |
| 24/ | F | 4 | 1918 | 580 | 79,8 | 74,0 | 69,0 | 0.0206 | 12.8 | 0.0061 | 21.4 | 1.7 | 3.7 | 12 | 5.2 | 15 | 33 | 55 | s2.9 | 14 | 0.5 | 134 | s143 | | |
| 25/ | F | 4 | 2669 | 610 | 247,2 | 74,0 | 69,0 | 0.0021 | 1.47 | 0.002 | 12.7 | 2.7 | 7.3 | 20 | 5.7 | 19 | 35 | 49 | s2.3 | 11 | <0.6 | 144 | s<153 | | |
| Mean | | 3 | 1034 | 443 | 57,1 | 56,2 | 47,4 | 0,03 | 5,35 | 0,02 | 19,4 | <<1.9 | <3.4 | 10,5 | <6.3 | 19,1 | 37,9 | 68,0 | <<4.2 | 19,3 | <<1.4 | <<158 | <<128 | | |
| Minimum | | 2 | 431 | 355 | 3,9 | 24,0 | 9,1 | 0,00 | 1,23 | 0,00 | 10,1 | 0,8 | 0,9 | 2,1 | <3.0 | 5,2 | 8,8 | 17,0 | 2,4 | 4,8 | 0,2 | <42 | <42 | | |
| Maximum | | 4 | 2669 | 610 | 259,3 | 80,0 | 80,0 | 0,11 | 14,30 | 0,23 | 32,6 | 3,6 | 8,8 | 34,0 | 12,0 | 41,0 | 99,0 | 190,0 | 8,1 | 59,0 | <3.0 | 428 | <235 | | |
| St.Dev | | 1 | 621 | 85 | 78,0 | 15,8 | 20,6 | 0,02 | 3,59 | 0,05 | 6,1 | ~0.8 | ~2.1 | 6,9 | ~2.4 | 9,0 | 22,8 | 45,2 | ~1.6 | 12,8 | ~1.0 | ~93 | ~55 | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 23 | 24 | 25 | 24 | 25 | 25 | 25 | 14 | 25 | 25 | 23 | 12 | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | |
| Sam | Sex | Age | Wght | Lngr | DDTTP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 3 | 431 | 355 | 28 | 30 | 125.0 | miss | <3 | <3.0 | miss | miss | <1.5 | |
| 2/1 | F | 3 | 561 | 355 | 10 | 20 | 78.0 | 3.7 | <3 | <6.7 | 11 | <1.5 | <1.5 | |
| 3/1 | M | 3 | 622 | 360 | 8.9 | 17 | 67.9 | <3 | <3 | <3.0 | 9.3 | <1.5 | <1.5 | |
| 4/1 | M | 3 | 602 | 360 | 8.2 | 17 | 68.2 | 3.7 | <3 | <6.7 | 9.6 | <1.5 | <1.5 | |
| 5/1 | M | 2 | 836 | 395 | 18 | 39 | 149.0 | 3.8 | <3 | <6.8 | 17 | 2.3 | 1.8 | |
| 6/1 | F | 3 | 587 | 375 | 22 | 24 | 134.0 | <1.5 | <1.5 | <1.5 | 8.5 | <0.8 | <0.8 | |
| 7/1 | F | 3 | 515 | 370 | 29 | 28 | 177.0 | <1.5 | <1.5 | <1.5 | 7.8 | <0.8 | <0.8 | |
| 8/1 | F | 4 | 573 | 380 | 35 | 46 | 431.0 | 1.9 | <1.5 | <3.4 | 4.4 | <0.8 | <0.8 | |
| 9/1 | M | 3 | 614 | 390 | 33 | 22 | 146.0 | 2.1 | <1.5 | <3.6 | 13 | 1.1 | <0.8 | |
| 10/ | F | 2 | 612 | 380 | 11 | 19 | 170.0 | <1.5 | <1.5 | <1.5 | 1.5 | <0.8 | <0.8 | |
| 11/ | F | 2 | 703 | 378 | 12 | 7.3 | 52.3 | <3 | <3 | <3.0 | 4.6 | <1.5 | <1.5 | |
| 12/ | F | 3 | 638 | 403 | 7.7 | 22 | 101.7 | <1.5 | <1.5 | <1.5 | 2.7 | <0.8 | <0.8 | |
| 13/ | F | 3 | 607 | 385 | 49 | 30 | 209.0 | 1.1 | 1.3 | 2.4 | 8.4 | 0.43 | <0.5 | |
| 14/ | F | 3 | 730 | 405 | 72 | 85 | 597.0 | 0.99 | 1.2 | 2.2 | 4.9 | 0.41 | 0.62 | |
| 15/ | F | 2 | 748 | 420 | 35 | 27 | 172.0 | 1.0 | 1.1 | 2.1 | 4.6 | 0.30 | <0.5 | |
| 16/ | M | 3 | 883 | 460 | 30 | 28 | 248.0 | <0.5 | 0.51 | <1.0 | 2.4 | <0.5 | <0.5 | |
| 17/ | M | 2 | 862 | 460 | 37 | 39 | 286.0 | 1.0 | 0.84 | 1.8 | 4.6 | 0.38 | <0.5 | |
| 18/ | F | 3 | 1406 | 495 | 16 | 18 | 144.0 | 1.4 | 1.3 | 2.7 | 5.9 | 0.45 | 0.52 | |
| 19/ | F | 3 | 1317 | 510 | 60 | 32 | 252.0 | 1.3 | 1.3 | 2.6 | 6.5 | 0.41 | <0.5 | |
| 20/ | F | 3 | 1990 | 550 | 12 | 19 | 75.0 | 1.4 | 1.5 | 2.9 | 8.9 | 0.70 | 1.1 | |
| 21/ | F | 2 | 1542 | 550 | 77 | 31 | 268.0 | 1.2 | 1.1 | 2.3 | 7.6 | 0.45 | <0.6 | |
| 22/ | M | 3 | 1759 | 560 | 15 | 15 | 114.0 | 0.97 | 0.99 | 2.0 | 5.6 | 0.37 | 0.69 | |
| 23/ | F | 4 | 2125 | 580 | 15 | 26 | 104.0 | 1.8 | 1.8 | 3.6 | 11 | 1.0 | 1.5 | |
| 24/ | F | 4 | 1918 | 580 | 68 | 31 | 299.0 | 1.7 | 2.0 | 3.7 | 8.1 | 0.91 | <0.6 | |
| 25/ | F | 4 | 2669 | 610 | 23 | 41 | 174.0 | 1.6 | 1.6 | 3.2 | 12 | 1.3 | 1.6 | |
| Mean | | 3 | 1034 | 443 | 29,3 | 28,5 | 185,7 | <<1.8 | <<1.7 | <<3.0 | 7,5 | <<0.9 | <<1.0 | |
| Minimum | | 2 | 431 | 355 | 7,7 | 7,3 | 52,3 | <0.5 | | 0,5 | <1.0 | 1,5 | 0,3 | <0.5 |
| Maximum | | 4 | 2669 | 610 | 77,0 | 85,0 | 597,0 | 3,8 | <3.0 | <6.8 | 17,0 | 2,3 | 1,8 | |
| St.Dev | | 1 | 621 | 85 | 20,9 | 14,8 | 123,8 | ~0.9 | ~0.8 | ~1.6 | 3,7 | ~0.5 | ~0.4 | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 | 25 | 24 | 24 | 25 | 25 |

miss(4) ! Missing value s/q(29) ! Suspect value

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Comments

Station: Strandebarm Fish sampled in whole oct.2005

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour:yellow red
- 2 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red. Part sample = 50,3g
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Sex uncertain
Liver colour: yellow red. Part sample = 50,7g
- 4 Sex uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: red yellow
- 5 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow. Part sample =50,3g
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 7 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 9 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 10 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 11 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 13 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour:yellow red
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 18 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red. Part sample = 50,62g
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red. Part sample = 51,51g
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red. Part sample = 50,51g
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red. Part sample = 50,51g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20061106** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 2 | 418 | 300 | 5,8 | 44,0 | 35,0 | 0.016 | 4.31 | 0.184 | 20.8 | 5.6 | <1.0 | 4.7 | 3.7 | 13 | 29 | 45 | 2.0 | 13 | <1.0 | <111 | <117 | | | | |
| 2/1 | U | 1 | 428 | 325 | 7,5 | 49,0 | 38,0 | 0.0067 | 4.62 | <0.02 | 14.7 | <1.0 | <1.0 | 3.2 | 1.0 | 3.8 | 6.3 | 9.3 | <1.0 | 2.5 | <1.0 | <26 | <27 | | | | |
| 3/1 | M | 1 | 509 | 350 | 30,5 | 66,0 | 59,0 | 0.0038 | 6.25 | <0.02 | 12.0 | miss | miss | 4.1 | <2.0 | 3.8 | 6.3 | 9.0 | <2.0 | 2.3 | <2.0 | 26 | <28 | | | | |
| 4/1 | M | 2 | 439 | 350 | 7,1 | 44,0 | 32,0 | 0.011 | 2.54 | 0.107 | 19.7 | 1.5 | <2.0 | 4.6 | 3.1 | 9.7 | 17 | 31 | 2.0 | 9.8 | <1.0 | <76 | <81 | | | | |
| 5/1 | F | 2 | 655 | 375 | 21,1 | 41,0 | 36,0 | 0.011 | 2.37 | <0.02 | 12.7 | 1.2 | <2.0 | 2.4 | 1.1 | 4.1 | 6.7 | 11 | miss | 2.6 | <1.0 | <30 | <31 | | | | |
| 6/1 | F | 2 | 634 | 375 | 25,7 | 59,0 | 53,0 | 0.0062 | 7.27 | <0.02 | 11.6 | <2.0 | <4.0 | 6.1 | 2.8 | 10 | 20 | 30 | <2.0 | 9.0 | <2.0 | <79 | <82 | | | | |
| 7/1 | M | 1 | 746 | 380 | 49,1 | 70,0 | 63,0 | 0.0049 | 6.74 | <0.02 | 12.9 | <2.0 | <4.0 | miss | <2.0 | 4.4 | 6.9 | 11 | <2.0 | 2.9 | <2.0 | <29 | <29 | | | | |
| 8/1 | M | 2 | 934 | 410 | 55,2 | 59,0 | 55,0 | 0.0051 | 4.88 | <0.02 | 12.0 | <2.0 | <4.0 | 5.0 | <2.0 | 5.8 | 11 | 16 | <2.0 | 3.7 | <2.0 | <46 | <46 | | | | |
| 9/1 | M | 2 | 898 | 415 | 43,6 | 57,0 | 51,0 | 0.0089 | 6.83 | <0.02 | 14.6 | <2.0 | <4.0 | 2.8 | <2.0 | 4.0 | 7.1 | 15 | <2.0 | 4.7 | <2.0 | <38 | <38 | | | | |
| 10/ | M | 2 | 1007 | 415 | 73,6 | 64,0 | 59,0 | 0.0041 | 4.40 | <0.02 | 12.9 | <2.0 | <4.0 | 4.2 | <2.0 | 5.0 | 8.3 | 12 | <2.0 | 3.2 | <2.0 | <37 | <37 | | | | |
| 11/ | F | 2 | 936 | 430 | 36,7 | 61,0 | 55,0 | 0.013 | 6.80 | <0.02 | 15.0 | <2.0 | miss | 4.8 | <2.0 | 5.3 | 9.2 | 14 | <2.0 | 3.8 | <2.0 | <39 | <39 | | | | |
| 12/ | M | 2 | 982 | 430 | 44,5 | 60,0 | 55,0 | 0.0068 | 3.25 | <0.02 | 10.6 | <2.0 | <4 | 4.3 | <2.0 | 4.3 | 7.0 | 10 | <2.0 | 2.8 | <2.0 | <32 | <32 | | | | |
| 13/ | M | 2 | 1052 | 440 | 60,1 | 61,0 | 55,0 | 0.004 | 2.68 | <0.02 | 8.85 | <2.0 | <4.0 | 4.4 | 2.6 | 9.6 | 15 | 20 | <2.0 | 4.1 | <2.0 | <57 | <60 | | | | |
| 14/ | M | 2 | 1058 | 440 | 44,5 | 70,0 | 66,0 | 0.0035 | 4.07 | <0.02 | 8.24 | <2.0 | <4.0 | 4.0 | <2.0 | 4.6 | 10 | 16 | <2.0 | 3.5 | <2.0 | <42 | <42 | | | | |
| 15/ | M | 2 | 1191 | 460 | 54,7 | 62,0 | 57,0 | 0.0092 | 5.85 | <0.02 | 15.3 | <2.0 | <4.0 | 5.2 | <2.0 | 4.8 | 14 | 18 | <2.0 | 5.4 | <2.0 | <51 | <51 | | | | |
| 16/ | M | 2 | 1326 | 480 | 85,0 | 63,0 | 58,0 | 0.0058 | 4.94 | <0.02 | 12.4 | <2.0 | <2.0 | 3.1 | <2.0 | 4.1 | 8.9 | 14 | <2.0 | 2.9 | <2.0 | <35 | <35 | | | | |
| 17/ | M | 2 | 1484 | 490 | 38,1 | 57,0 | 52,0 | 0.0264 | 2.71 | <0.02 | 12.4 | <2.0 | <2.0 | 16 | 6.5 | 21 | 50 | 79 | 4.0 | 28 | <2.0 | <196 | <207 | | | | |
| 18/ | F | 2 | 1310 | 505 | 37,3 | 53,0 | 45,0 | 0.0331 | 8.89 | <0.02 | 23.1 | <2.0 | <4.0 | 3.6 | 2.5 | 9.4 | 14 | 32 | <2.0 | 13 | <2.0 | <76 | <79 | | | | |
| 19/ | M | 2 | 1550 | 510 | 86,2 | 64,0 | 60,0 | 0.0085 | 3.20 | <0.02 | 12.7 | <2.0 | miss | 9.3 | 3.5 | 14 | 18 | 25 | <2.0 | 5.7 | <2.0 | <74 | <78 | | | | |
| 20/ | M | 3 | 1497 | 545 | 28,0 | 43,0 | 38,0 | 0.055 | 6.65 | 0.02 | 32.0 | <1.0 | miss | 8.6 | 5.5 | 16 | 48 | 80 | 3.4 | 20 | <1.0 | <174 | <183 | | | | |
| 21/ | M | 3 | 1656 | 545 | 52,6 | 63,0 | 60,0 | 0.052 | 3.15 | 0.19 | 18.4 | 3.1 | <4.0 | 14 | 4.8 | 16 | 28 | 44 | 2.1 | 14 | <2.0 | <123 | <130 | | | | |
| 22/ | M | 2 | 1867 | 560 | 98,5 | 68,0 | 64,0 | 0.018 | 4.68 | 0.07 | 15.1 | <2.0 | <4.0 | 9.3 | 3.3 | 17 | 37 | 61 | 4.7 | 19 | <2.0 | <147 | <155 | | | | |
| 23/ | U | 3 | 1892 | 560 | 60,3 | 66,0 | 59,0 | 0.010 | 2.95 | 0.07 | 17.3 | 3.1 | miss | 10 | 4.0 | 15 | 24 | 41 | 2.1 | 14 | <2.0 | 107 | <115 | | | | |
| 24/ | F | 3 | 2463 | 570 | 140,9 | 59,0 | 50,0 | 0.020 | 8.84 | 0.05 | 23.3 | <2.0 | <4.0 | 14 | 3.3 | 14 | 21 | 30 | <2.0 | 6.7 | <2.0 | <90 | <93 | | | | |
| 25/ | F | 7 | 3415 | 680 | 359,2 | 68,0 | 61,0 | 0.015 | 12.5 | <0.02 | 11.8 | 2.2 | miss | 18 | 4.9 | 19 | 31 | 43 | <2.0 | 14 | <2.0 | 127 | <134 | | | | |
| Mean | | 2 | 1214 | 454 | 61,8 | 58,8 | 52,6 | 0,01 | 5,25 | <<0.04 | 15,2 | <<2.1 | <<3.3 | 6,9 | <<2.9 | 9,5 | 18,1 | 28,7 | <<2.2 | 8,4 | <<1.8 | <<75 | <<78 | | | | |
| Minimum | | 1 | 418 | 300 | 5,8 | 41,0 | 32,0 | 0,00 | 2,37 | <0.02 | 8,2 | <1.0 | <1.0 | 2,4 | 1,0 | 3,8 | 6,3 | 9,0 | <1.0 | 2,3 | <1.0 | <26 | <27 | | | | |
| Maximum | | 7 | 3415 | 680 | 359,2 | 70,0 | 66,0 | 0,06 | 12,50 | 0,19 | 32,0 | 5,6 | <4.0 | 18,0 | 6,5 | 21,0 | 50,0 | 80,0 | 4,7 | 28,0 | <2.0 | <196 | <207 | | | | |
| St.Dev | | 1 | 689 | 91 | 69,1 | 8,6 | 9,8 | 0,01 | 2,45 | ~0.05 | 5,3 | ~0.9 | ~1.1 | 4,5 | ~1.4 | 5,6 | 12,7 | 20,7 | ~0.8 | 6,8 | ~0.4 | ~49 | ~52 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 19 | 24 | 25 | 25 | 25 | 25 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 418 | 300 | 7.9 | 9.4 | 90.3 | <1.0 | <1.0 | <1.0 | 5.8 | 0.57 | <1.0 |
| 2/1 | U | 1 | 428 | 325 | 4.7 | 5.1 | 28.8 | <1.0 | <1.0 | <1.0 | 3.4 | <0.5 | <1.0 |
| 3/1 | M | 1 | 509 | 350 | 13 | 4.9 | 42.9 | <2.0 | <2.0 | <2.0 | 7.6 | <1.0 | <1.0 |
| 4/1 | M | 2 | 439 | 350 | 4.7 | 6.7 | 57.4 | <1.0 | <1.0 | <1.0 | 3.6 | 0.56 | <1.0 |
| 5/1 | F | 2 | 655 | 375 | 4.2 | 3.2 | 22.4 | <1.0 | <1.0 | <1.0 | 4.5 | <0.5 | <1.0 |
| 6/1 | F | 2 | 634 | 375 | 4.3 | 8.2 | 46.5 | <2.0 | <2.0 | <2.0 | 5.1 | <1.0 | <1.0 |
| 7/1 | M | 1 | 746 | 380 | 11 | 6.4 | 38.4 | <2.0 | <2.0 | <2.0 | 6.4 | <1.0 | <1.0 |
| 8/1 | M | 2 | 934 | 410 | 5.1 | 5.9 | 33.0 | <2.0 | <2.0 | <2.0 | 5.8 | <1.0 | <1.0 |
| 9/1 | M | 2 | 898 | 415 | 5.6 | 5.9 | 36.5 | <2.0 | <2.0 | <2.0 | 4.1 | 1.4 | <1.0 |
| 10/ | M | 2 | 1007 | 415 | 7.8 | 6.1 | 43.9 | <2.0 | <2.0 | <2.0 | 5.3 | <1.0 | <1.0 |
| 11/ | F | 2 | 936 | 430 | 7.9 | 5.8 | 43.7 | <2.0 | <2.0 | <2.0 | 5.1 | <1.0 | <1.0 |
| 12/ | M | 2 | 982 | 430 | 5.7 | 6.1 | 35.8 | <2.0 | <2.0 | <2.0 | 6.2 | <1.0 | <1.0 |
| 13/ | M | 2 | 1052 | 440 | 12 | 8.3 | 46.3 | <2.0 | <2.0 | <2.0 | 4.6 | <1.0 | <1.0 |
| 14/ | M | 2 | 1058 | 440 | 15 | 9.9 | 51.9 | <2.0 | <2.0 | <2.0 | 6.2 | <1.0 | <1.0 |
| 15/ | M | 2 | 1191 | 460 | 15 | 13 | 84.0 | <2.0 | <2.0 | <2.0 | 4.6 | <1.0 | <1.0 |
| 16/ | M | 2 | 1326 | 480 | 13 | 7.0 | 44.0 | <2.0 | <2.0 | <2.0 | 4.0 | <1.0 | <1.0 |
| 17/ | M | 2 | 1484 | 490 | 5.0 | 19 | 174.0 | <2.0 | <2.0 | <2.0 | 3.6 | <1.0 | <1.0 |
| 18/ | F | 2 | 1310 | 505 | 21 | 14 | 112.0 | <2.0 | <2.0 | <2.0 | 5.2 | <1.0 | <1.0 |
| 19/ | M | 2 | 1550 | 510 | 23 | 15 | 89.0 | <2.0 | <2.0 | <2.0 | 6.2 | <1.0 | <1.0 |
| 20/ | M | 3 | 1497 | 545 | <3.0 | 13 | <166.0 | <1.0 | <1.0 | <1.0 | 4.0 | <0.5 | <0.5 |
| 21/ | M | 3 | 1656 | 545 | 23 | 22 | 145.0 | <2.0 | <2.0 | <2.0 | 7.3 | 1.2 | <1.0 |
| 22/ | M | 2 | 1867 | 560 | 16 | 11 | 89.0 | <2.0 | <2.0 | <2.0 | 7.6 | <1.0 | <1.0 |
| 23/ | U | 3 | 1892 | 560 | 20 | 16 | 118.0 | <2.0 | <2.0 | <2.0 | 7.1 | <1.0 | <1.0 |
| 24/ | F | 3 | 2463 | 570 | 45 | 34 | 219.0 | <2.0 | <2.0 | <2.0 | 6.3 | <1.0 | <1.0 |
| 25/ | F | 7 | 3415 | 680 | 12 | 21 | 113.0 | <2.0 | <2.0 | <2.0 | 13 | 2.1 | <1.0 |
| Mean | | 2 | 1214 | 454 | <12.2 | 11,1 | <78.8 | <<1.8 | <<1.8 | <<1.8 | 5,7 | <<1.0 | <<1.0 |
| Minimum | | 1 | 418 | 300 | <3.0 | 3,2 | 22,4 | <1.0 | <1.0 | <1.0 | 3,4 | <0.5 | <0.5 |
| Maximum | | 7 | 3415 | 680 | 45,0 | 34,0 | 219,0 | <2.0 | <2.0 | <2.0 | 13,0 | 2,1 | <1.0 |
| St.Dev | | 1 | 689 | 91 | ~9.2 | 7,1 | ~52.5 | ~0.4 | ~0.4 | ~0.4 | 2,0 | ~0.3 | ~0.1 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(9) ! Missing value

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Comments

Station: Strandebarm area Sampled 6.-13.nov.2006

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Sex uncertain
Liver colour:red yellow
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
sex uncertain Liver colour: yellow red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour:brown yellow
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: red yellow
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: red yellow
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: red yellow
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red Part sample = 50,64g
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: yellow red
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
Part sample = 50,43g
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
Part sample = 50,47g
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
- 19 Liver colour: red yellow Part sample = 51,17g
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red yellow
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red white
Part sample = 50,17g
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red yellow
Part sample = 50,65g
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Liver colour: red yellow Part sample = 50,42g
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Crushed liver
Liver colour: yellow Part sample = 51,00g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20021019** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 3 | 2150 | 590 | 115,4 | 61,3 | 49,0 | 0.0105 | 6.89 | 0.0037 | 19.0 | 2.4 | miss | 8.1 | 6.5 | 13 | 23 | 39 | 2.6 | 12 | <2.0 | 98 | <109 | | | | |
| 2/1 | F | 5 | 3280 | 620 | 37,8 | 27,2 | 9,0 | 0.0501 | 27.0 | 0.009 | 44.1 | 1.5 | miss | 17 | 18 | 55 | 120 | 170 | 10 | 48 | 1.4 | 412 | 441 | | | | |
| 3/1 | M | 2 | 1300 | 510 | 42,6 | 65,7 | 56,0 | 0.0240 | 13.1 | 0.0065 | 32.5 | <2.0 | miss | 5.3 | 5.3 | 13 | 23 | 48 | 2.9 | 14 | <2.0 | <105 | <114 | | | | |
| 4/1 | M | 2 | 1680 | 545 | 76,0 | 62,2 | 52,0 | 0.0120 | 6.23 | 0.0031 | 21.1 | <2.0 | miss | s3.5 | 41 | 140 | 180 | 220 | 35 | 40 | <2.0 | s<586 | s<662 | | | | |
| 5/1 | F | 3 | 2180 | 580 | 77,0 | 66,7 | 59,0 | 0.0155 | 7.83 | 0.0037 | 23.9 | <2.0 | miss | 9.6 | 6.6 | 15 | 33 | 64 | 4.0 | 18 | <2.0 | <142 | <152 | | | | |
| 6/1 | M | 3 | 1750 | 560 | 61,0 | 61,0 | 51,0 | 0.0206 | 8.73 | 0.0032 | 23.5 | <2.0 | miss | 5.2 | 5.6 | 13 | 24 | 52 | 5.2 | 12 | <2.0 | <108 | <119 | | | | |
| 7/1 | F | 3 | 1790 | 560 | 60,4 | 59,5 | 49,0 | 0.0144 | 6.46 | 0.0418 | 18.9 | 2.2 | miss | 9.6 | 16 | 34 | 28 | 42 | 3.3 | 12 | <2.0 | 128 | <149 | | | | |
| 8/1 | F | 3 | 1455 | 500 | 37,8 | 56,9 | 44,0 | 0.0280 | 7.62 | 0.00978 | 22.5 | <2.0 | miss | 5.8 | 4.9 | 12 | 20 | 51 | 3.4 | 18 | <2.0 | <109 | <117 | | | | |
| 9/1 | F | 5 | 2800 | 670 | 106,0 | 53,5 | 40,0 | 0.0450 | 9.47 | 0.0201 | 29.1 | <1.5 | miss | 4.4 | 6.0 | 16 | 29 | 49 | 3.4 | 14 | 2.5 | <114 | <126 | | | | |
| 10/ | F | 2 | 701 | 410 | 14,4 | 59,2 | 48,0 | 0.0188 | 5.11 | 0.0068 | 20.4 | <2.0 | miss | miss | 2.0 | 6.3 | 9.9 | 20 | <2.0 | 3.6 | <2.0 | <42 | <44 | | | | |
| 11/ | M | 2 | 500 | 380 | 10,2 | 63,6 | 56,0 | 0.0432 | 9.00 | 0.0094 | 24.0 | 3.0 | miss | 14 | 7.5 | 22 | 35 | 55 | 3.0 | 13 | <2.0 | 142 | <155 | | | | |
| 12/ | M | 2 | 770 | 430 | 9,4 | 30,7 | 12,0 | 0.121 | 8.53 | 0.0098 | 34.2 | 0.65 | miss | 3.1 | 2.8 | 8.1 | 20 | 34 | 1.7 | 7.8 | <0.50 | 74 | <79 | | | | |
| 13/ | M | 2 | 1320 | 510 | 31,4 | 54,9 | 41,0 | 0.0182 | 7.44 | 0.0450 | 25.3 | <2.0 | 2.7 | 7.4 | 5.3 | 12 | 24 | 47 | 2.3 | 11 | <2.0 | <106 | <114 | | | | |
| 14/ | M | 1 | 461 | 350 | 10,0 | 60,5 | 51,0 | 0.0215 | 9.99 | 0.0088 | 25.2 | <3.0 | <3.0 | 3.6 | <3.0 | 7.1 | 12 | 24 | <3.0 | 4.4 | <3.0 | <54 | <54 | | | | |
| 15/ | M | 2 | 983 | 460 | 28,2 | 61,0 | 49,0 | 0.0238 | 10.7 | 0.0314 | 27.2 | <3.0 | <3.0 | 4.5 | 3.3 | 8.8 | 17 | 28 | <3.0 | 5.8 | <3.0 | <67 | <70 | | | | |
| 16/ | M | 3 | 1354 | 520 | 26,2 | 56,6 | 23,0 | 0.0481 | 20.6 | 0.006 | 35.0 | 1.2 | miss | 7.0 | 6.7 | 15 | 27 | 48 | 2.8 | 11 | <1.0 | 109 | <120 | | | | |
| 17/ | F | 4 | 2600 | 610 | 72,6 | 57,4 | 48,0 | 0.0208 | 22.2 | 0.0035 | 33.8 | <3.0 | miss | 23 | 14 | 35 | 67 | 110 | 8.5 | 19 | <3.0 | <257 | <280 | | | | |
| 18/ | F | 2 | 1610 | 540 | 82,0 | 71,6 | 64,0 | 0.0064 | 3.86 | 0.0024 | 24.2 | 6.7 | 14 | 26 | 30 | 61 | 51 | 76 | 5.1 | 19 | <3.0 | 254 | <292 | | | | |
| 19/ | F | 3 | 1900 | 580 | 58,6 | 61,9 | 50,0 | 0.0163 | 5.43 | 0.0029 | 19.7 | <3.0 | 6.8 | 18 | 9.2 | 22 | 34 | 68 | 3.6 | 16 | <3.0 | <168 | <181 | | | | |
| 20/ | F | 3 | 1917 | 580 | 33,0 | 42,6 | 28,0 | 0.0310 | 24.9 | 0.0067 | 39.1 | <2.0 | miss | miss | 6.0 | 17 | 38 | 70 | 3.4 | 14 | <2.0 | <141 | <150 | | | | |
| 21/ | F | 2 | 1050 | 480 | 44,2 | 61,7 | 50,0 | 0.011 | 3.20 | 0.0061 | 22.1 | <3.0 | miss | miss | 6.8 | 19 | 37 | 69 | 3.4 | 20 | <3.0 | <148 | <158 | | | | |
| 22/ | M | 3 | 1432 | 530 | 43,8 | 64,5 | 56,0 | 0.0145 | 13.4 | 0.0037 | 27.8 | <3.0 | miss | miss | 3.6 | 11 | 17 | 31 | <3.0 | 6.0 | <3.0 | <68 | <72 | | | | |
| 23/ | F | 3 | 2040 | 590 | 59,6 | 65,8 | 56,0 | 0.0174 | 14.3 | 0.0032 | 29.5 | <3.0 | miss | miss | 7.4 | 21 | 37 | 75 | 4.5 | 22 | <3.0 | <158 | <170 | | | | |
| 24/ | M | 3 | 1900 | 590 | 89,6 | 72,2 | 63,0 | 0.0075 | 6.06 | 0.0034 | 29.1 | <3.0 | miss | miss | <3.0 | 5.7 | 10 | 18 | <3.0 | 4.0 | <3.0 | <41 | <41 | | | | |
| 25/ | M | 3 | 1635 | 540 | 39,0 | 57,8 | 47,0 | 0.0312 | 10.3 | 0.004 | 22.2 | <3.0 | miss | miss | 12 | 36 | 70 | 110 | 6.0 | 24 | <3.0 | <243 | <261 | | | | |
| Mean | | 3 | 1622 | 529 | 50,6 | 58,2 | 46,0 | 0,03 | 10,73 | 0,01 | 26,9 | <<2.5 | <<5.9 | 10,1 | <9.3 | 24,7 | 39,4 | 64,7 | <5.1 | 15,5 | <<2.3 | <<137 | <<149 | | | | |
| Minimum | | 1 | 461 | 350 | 9,4 | 27,2 | 9,0 | 0,01 | 3,20 | 0,00 | 18,9 | 0,7 | 2,7 | 3,1 | 2,0 | 5,7 | 9,9 | 18,0 | 1,7 | 3,6 | <0.5 | <41 | <41 | | | | |
| Maximum | | 5 | 3280 | 670 | 115,4 | 72,2 | 64,0 | 0,12 | 27,00 | 0,05 | 44,1 | 6,7 | 14,0 | 26,0 | 41,0 | 140,0 | 180,0 | 220,0 | 35,0 | 48,0 | <3.0 | 412 | 441 | | | | |
| St.Dev | | 1 | 689 | 77 | 29,3 | 10,6 | 14,1 | 0,02 | 6,46 | 0,01 | 6,5 | ~1.1 | ~4.8 | 7,0 | ~9.0 | 27,9 | 37,6 | 46,4 | ~6.5 | 10,3 | ~0.7 | ~84 | ~92 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 5 | 17 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|--------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 3 | 2150 | 590 | 5.2 | 40.2 | <2.0 | 2.4 | <4.4 | 6.2 | <1.0 | miss |
| 2/1 | F | 5 | 3280 | 620 | 10 | 180.0 | <0.50 | 0.38 | <0.9 | 2.7 | <0.25 | 1.1 |
| 3/1 | M | 2 | 1300 | 510 | 3.0 | 30.0 | <2.0 | 2.6 | <4.6 | 6.2 | <1.0 | miss |
| 4/1 | M | 2 | 1680 | 545 | <3.0 | <16.0 | <2.0 | 3.0 | <5.0 | 6.8 | <1.0 | 3.5 |
| 5/1 | F | 3 | 2180 | 580 | 7.1 | 43.1 | <2.0 | 2.7 | <4.7 | 9.1 | <1.0 | 3.9 |
| 6/1 | M | 3 | 1750 | 560 | 3.3 | 25.3 | <2.0 | 2.5 | <4.5 | 5.2 | <1.0 | 3.7 |
| 7/1 | F | 3 | 1790 | 560 | <3.0 | <26.0 | <2.0 | 2.4 | <4.4 | 3.8 | <1.0 | miss |
| 8/1 | F | 3 | 1455 | 500 | <3.0 | <23.0 | <2.0 | 2.0 | <4.0 | 3.8 | <1.0 | miss |
| 9/1 | F | 5 | 2800 | 670 | 2.1 | 33.1 | <1.5 | 1.9 | <3.4 | 3.3 | <0.75 | 2.5 |
| 10/ | F | 2 | 701 | 410 | <3.0 | <15.0 | <2.0 | 2.3 | <4.3 | 4.0 | <1.0 | miss |
| 11/ | M | 2 | 500 | 380 | 8.5 | 54.5 | <2.0 | 2.5 | <4.5 | 8.5 | <1.0 | miss |
| 12/ | M | 2 | 770 | 430 | 1.9 | 21.9 | <0.50 | 0.53 | <1.0 | 1.7 | <0.25 | miss |
| 13/ | M | 2 | 1320 | 510 | 5.1 | 29.1 | <2.0 | <2.0 | <2.0 | 4.1 | <1.0 | <1.0 |
| 14/ | M | 1 | 461 | 350 | <4.0 | <13.6 | <3.0 | <3.0 | <3.0 | 3.3 | <1.5 | <1.5 |
| 15/ | M | 2 | 983 | 460 | <4.0 | <22.0 | <3.0 | <3.0 | <3.0 | 4.0 | <1.5 | <1.5 |
| 16/ | M | 3 | 1354 | 520 | 3.6 | 26.6 | <1.0 | 1.1 | <2.1 | 4.7 | <0.5 | <0.5 |
| 17/ | F | 4 | 2600 | 610 | 6.3 | 42.3 | <3.0 | <3.0 | <3.0 | 6.4 | <1.5 | <1.5 |
| 18/ | F | 2 | 1610 | 540 | 7.7 | 39.7 | <3.0 | <3.0 | <3.0 | 6.5 | <1.5 | <1.5 |
| 19/ | F | 3 | 1900 | 580 | 4.3 | 33.3 | <3.0 | <3.0 | <3.0 | 4.9 | <1.5 | <1.5 |
| 20/ | F | 3 | 1917 | 580 | 5.5 | 37.5 | <2.0 | <2.0 | <2.0 | 4.1 | <1.0 | miss |
| 21/ | F | 2 | 1050 | 480 | 7.3 | 42.3 | <3.0 | <3.0 | <3.0 | 3.7 | <1.5 | miss |
| 22/ | M | 3 | 1432 | 530 | 4.6 | 23.6 | <3.0 | <3.0 | <3.0 | 6.2 | <1.5 | miss |
| 23/ | F | 3 | 2040 | 590 | 4.4 | 28.4 | <3.0 | <3.0 | <3.0 | 8.9 | <1.5 | miss |
| 24/ | M | 3 | 1900 | 590 | <4.0 | <15.0 | <3.0 | <3.0 | <3.0 | 3.5 | <1.5 | miss |
| 25/ | M | 3 | 1635 | 540 | 7.4 | 80.4 | <3.0 | <3.0 | <3.0 | 5.4 | <1.5 | miss |
| Mean | | 3 | 1622 | 529 | <<4.9 | <<37.7 | <<2.2 | <<2.4 | <<3.3 | 5,1 | <<1.1 | <<2.0 |
| Minimum | | 1 | 461 | 350 | 1,9 | <13.6 | <0.5 | 0,4 | <0.9 | 1,7 | <0.3 | <0.5 |
| Maximum | | 5 | 3280 | 670 | 10,0 | 180,0 | <3.0 | 3,0 | <5.0 | 9,1 | <1.5 | 3,9 |
| St.Dev | | 1 | 689 | 77 | ~2.1 | ~33.0 | ~0.8 | ~0.8 | ~1.1 | 1,9 | ~0.4 | ~1.1 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 12 |

miss(40) ! Missing value s/q(3) ! Suspect value

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Comments

Station: Karihavet area

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: white
- 2 Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white
- 3 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: white
- 4 Liver colour: white
- 5 Liver colour: white
- 6 Liver colour: white
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 8 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: white
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin with ulceration, lymphocytic areas and/or lesions
Liver colour : white
- 10 Liver colour : white
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour : white
- 12 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: red white
- 13 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: white
- 15 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: white
- 16 Liver colour : white
- 17 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Age uncertain
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 19 Skin with ulceration, lymphocytic areas and/or lesions Liver colour: white
- 20 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: green white
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 22 Liver colour: white
- 23 Liver colour: white
- 24 Skin with ulceration, lymphocytic areas and/or lesions Liver colour : white
- 25 Liver colour : white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20031004** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|------|--------|--------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 5 | 1560 | 515 | 162,4 | 74,5 | 72,0 | 0.0065 | 2.88 | <0.02 | 10.9 | 5.4 | 11 | 25 | 6.5 | 19 | 36 | 44 | <3 | 9.6 | <3 | 150 | <160 | | |
| 2/1 | F | 6 | 1714 | 540 | 192,0 | 76,8 | 70,0 | 0.0094 | 0.663 | <0.02 | 13.6 | <3 | 6.2 | 16 | 5.6 | 16 | 35 | 47 | 3.1 | 14 | <3 | <137 | <146 | | |
| 3/1 | F | 6 | 1711 | 580 | 46,8 | 62,2 | 46,0 | 0.0350 | 16.7 | <0.02 | 35.0 | 3.1 | 6.4 | 18 | 11 | 30 | 56 | 82 | 5.3 | 21 | <3 | 217 | <236 | | |
| 4/1 | F | 6 | 2487 | 620 | 29,7 | 28,7 | 9,1 | 0.0389 | 5.70 | <0.02 | 43.2 | 2.1 | 5.1 | 21 | 13 | 36 | 73 | 120 | 7.1 | 34 | 2.1 | 291 | 313 | | |
| 5/1 | F | 3 | 632 | 415 | 6,4 | 37,0 | 9,5 | 0.0696 | 32.6 | 0.02 | 48.4 | <1 | <1 | 2.4 | 2.9 | 7.8 | 17 | 28 | 1.8 | 6.6 | <1 | <63 | <68 | | |
| 6/1 | F | 4 | 1305 | 520 | 46,2 | 66,5 | 57,0 | 0.0138 | 10.9 | <0.02 | 21.7 | <3 | 6.1 | 14 | 6.8 | 18 | 31 | 51 | 3.2 | 13 | <3 | <136 | <146 | | |
| 7/1 | F | 4 | 1710 | 530 | 197,0 | 73,1 | 63,0 | 0.0021 | 0.930 | <0.02 | 7.91 | 3.8 | 8.4 | 19 | 4.8 | 15 | 27 | 33 | <3 | 7.6 | <3 | 114 | <122 | | |
| 8/1 | F | 4 | 2921 | 650 | 104,0 | 70,6 | 61,0 | 0.012 | 17.2 | <0.02 | 26.8 | <3 | <3 | 7.9 | 4.5 | 12 | 25 | 42 | <3 | 9.8 | <3 | <100 | <104 | | |
| 9/1 | F | 6 | 3156 | 620 | 383,4 | 71,5 | 76,0 | 0.0037 | 0.741 | <0.02 | 7.70 | <3 | 6.3 | 14 | 3.5 | 12 | 20 | 25 | <3 | 8.3 | <3 | <89 | <92 | | |
| 10/ | M | 3 | 1388 | 520 | 51,6 | 69,2 | 61,0 | 0.011 | 10.4 | <0.02 | 23.6 | <3 | 5.2 | 13 | 7.5 | 21 | 34 | 54 | 3.5 | 14 | <3 | <144 | <155 | | |
| 11/ | M | 3 | 1385 | 525 | 41,4 | 57,5 | 46,0 | 0.014 | 10.2 | <0.02 | 24.1 | <2 | 2.9 | 7.6 | 3.7 | 10 | 18 | 35 | 2.3 | 9.3 | <2 | <85 | <91 | | |
| 12/ | F | 3 | 1949 | 590 | 74,5 | 68,4 | 60,0 | 0.012 | 14.7 | <0.02 | 20.9 | <3 | <3 | 7.4 | 4.1 | 12 | 28 | 44 | <3 | 9.2 | <3 | <104 | <108 | | |
| 13/ | F | 6 | 2237 | 600 | 102,8 | 75,0 | 69,0 | 0.01 | 5.81 | <0.02 | 15.4 | 3.4 | 10 | 24 | 18 | 39 | 65 | 100 | 7.5 | 26 | <3 | 267 | <296 | | |
| 14/ | M | 3 | 1208 | 495 | 39,2 | 58,4 | 49,0 | 0.0173 | 7.61 | <0.02 | 28.5 | <3 | 4.5 | 9.9 | 8.8 | 19 | 30 | 59 | 4.6 | 18 | <3 | <143 | <157 | | |
| 15/ | F | 4 | 1745 | 570 | 51,4 | 63,2 | 79,0 | 0.0252 | 7.24 | <0.02 | 25.5 | 3.8 | 6.6 | 15 | 11 | 27 | 46 | 73 | 5.5 | 21 | <3 | 192 | <212 | | |
| 16/ | F | 6 | 2305 | 630 | 75,8 | 69,5 | 25,0 | 0.0166 | 11.2 | <0.02 | 29.4 | 3.6 | 3.5 | 6.1 | 7.6 | 14 | 16 | 30 | 2.9 | 11 | <1.0 | 84 | <96 | | |
| 17/ | M | 3 | 980 | 480 | 41,2 | 66,3 | 54,0 | 0.0247 | 14.5 | <0.02 | 37.2 | <3 | <3 | 7.0 | 4.6 | 10 | 18 | 28 | <3 | 6.6 | <3 | <73 | <77 | | |
| 18/ | M | 3 | 1953 | 535 | 283,0 | 68,4 | 64,7 | 0.0026 | 0.996 | <0.02 | 9.06 | 3.1 | 5.8 | 14 | 3.9 | 10 | 22 | 25 | <3 | 5.6 | <3 | 86 | <92 | | |
| 19/ | M | 3 | 1372 | 520 | 27,8 | 65,6 | 57,0 | 0.0216 | 18.9 | <0.02 | 31.4 | <3 | 5.7 | 9.0 | 7.3 | 16 | 31 | 66 | 5.0 | 22 | <3 | <153 | <165 | | |
| 20/ | F | 5 | 3244 | 690 | 103,0 | 63,5 | 54,0 | 0.0163 | 15.8 | <0.02 | 34.8 | <3 | 4.1 | 11 | 8.3 | 21 | 39 | 72 | 4.6 | 19 | <3 | <169 | <182 | | |
| 21/ | F | 2 | 540 | 385 | 7,0 | 64,2 | 57,0 | 0.0448 | 6.19 | 0.02 | 25.8 | <3 | <3 | 7.9 | 8.4 | 20 | 32 | 50 | 3.3 | 12 | <3 | <125 | <137 | | |
| 22/ | F | 2 | 489 | 380 | 4,8 | 40,8 | 6,0 | 0.152 | 9.88 | 0.02 | 51.2 | <1 | <1 | <1 | 1.5 | 3.3 | 7.4 | 12 | <1 | 2.6 | <1 | <26 | <28 | | |
| 23/ | M | 2 | 572 | 375 | 40,2 | 33,9 | 19,0 | 0.0489 | 9.97 | 0.02 | 31.0 | 1.1 | <1 | 2.9 | 4.2 | 7.6 | 15 | 29 | 2.1 | 8.8 | <1 | <65 | <72 | | |
| 24/ | F | 2 | 614 | 390 | 6,6 | 76,4 | 68,0 | 0.0097 | 2.38 | <0.02 | 12.6 | <3 | 4.1 | 8.4 | 3.1 | 8.1 | 12 | 16 | <3 | 4.0 | <3 | <56 | <59 | | |
| 25/ | M | 2 | 635 | 410 | 16,8 | 32,6 | 13,0 | 0.0628 | 38.2 | 0.02 | 43.4 | 1.1 | 1.5 | 4.8 | 3.5 | 8.3 | 17 | 28 | 1.7 | 6.3 | <1 | 67 | <73 | | |
| Mean | 4 | 1592 | 523 | 85,4 | 61,4 | 49,8 | 0,03 | 10,89 | <<0.02 | | 26,4 | <<2.8 | <<4.7 | <11.5 | 6,6 | 16,5 | 30,0 | 47,7 | <<3.5 | 12,8 | <<2.5 | <<125 | <<135 | | |
| Minimum | 2 | 489 | 375 | 4,8 | 28,7 | 6,0 | 0,00 | 0,66 | <0.02 | | 7,7 | <1.0 | <1.0 | <1.0 | 1,5 | 3,3 | 7,4 | 12,0 | <1.0 | 2,6 | <1.0 | <26 | <28 | | |
| Maximum | 6 | 3244 | 690 | 383,4 | 76,8 | 79,0 | 0,15 | 38,20 | 0,02 | | 51,2 | 5,4 | 11,0 | 25,0 | 18,0 | 39,0 | 73,0 | 120,0 | 7,5 | 34,0 | <3.0 | 291 | 313 | | |
| St.Dev | 1 | 814 | 91 | 93,2 | 14,6 | 22,6 | 0,03 | 9,24 | ~0.00 | | 12,5 | ~1.0 | ~2.6 | ~6.5 | 3,7 | 8,9 | 16,1 | 26,2 | ~1.6 | 7,6 | ~0.8 | ~65 | ~71 | | |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | 2 |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 5 | 1560 | 515 | 16 | 85.0 | <3 | <3 | <3.0 | 11 | miss | <1.5 |
| 2/1 | F | 6 | 1714 | 540 | 8.9 | 55.9 | <3 | <3 | <3.0 | 5.8 | <1.5 | <1.5 |
| 3/1 | F | 6 | 1711 | 580 | 9.9 | 75.9 | <3 | <3 | <3.0 | 8.3 | <1.5 | <1.5 |
| 4/1 | F | 6 | 2487 | 620 | 17 | 157.0 | <0.5 | <0.5 | <0.5 | 3.4 | <0.25 | 0.83 |
| 5/1 | F | 3 | 632 | 415 | 1.6 | 16.6 | <1 | <1 | <1.0 | 1.6 | <0.5 | <0.5 |
| 6/1 | F | 4 | 1305 | 520 | 7.7 | 48.7 | <3 | <3 | <3.0 | 7.1 | <1.5 | <1.5 |
| 7/1 | F | 4 | 1710 | 530 | 11 | 57.0 | <3 | <3 | <3.0 | 8.1 | miss | <1.5 |
| 8/1 | F | 4 | 2921 | 650 | 4.0 | 28.0 | <3 | <3 | <3.0 | 8.3 | <1.5 | <1.5 |
| 9/1 | F | 6 | 3156 | 620 | 7.7 | 44.7 | <3 | <3 | <3.0 | 6.9 | <1.5 | <1.5 |
| 10/ | M | 3 | 1388 | 520 | 6.2 | 44.2 | <3 | <3 | <3.0 | 7.1 | <1.5 | <1.5 |
| 11/ | M | 3 | 1385 | 525 | 3.6 | 23.6 | <2 | <2 | <2.0 | 6.0 | <1 | <1 |
| 12/ | F | 3 | 1949 | 590 | 3.9 | 27.9 | <3 | <3 | <3.0 | 8.0 | <1.5 | <1.5 |
| 13/ | F | 6 | 2237 | 600 | 16 | 95.0 | <3 | <3 | <3.0 | 13 | <1.5 | <1.5 |
| 14/ | M | 3 | 1208 | 495 | 6.4 | 38.4 | <3 | <3 | <3.0 | 8.5 | <1.5 | <1.5 |
| 15/ | F | 4 | 1745 | 570 | 11 | 71.0 | <3 | <3 | <3.0 | 13 | <1.5 | <1.5 |
| 16/ | F | 6 | 2305 | 630 | 3.3 | 21.3 | <1.0 | <1.0 | <1.0 | 6.8 | <0.5 | <0.5 |
| 17/ | M | 3 | 980 | 480 | 3.9 | 27.9 | <3 | <3 | <3.0 | 7.3 | <1.5 | <1.5 |
| 18/ | M | 3 | 1953 | 535 | 12 | 53.0 | <3 | <3 | <3.0 | 7.9 | <1.5 | <1.5 |
| 19/ | M | 3 | 1372 | 520 | 4.8 | 34.8 | <3 | <3 | <3.0 | 12 | <1.5 | <1.5 |
| 20/ | F | 5 | 3244 | 690 | 6.2 | 52.2 | <3 | <3 | <3.0 | 8.8 | <1.5 | <1.5 |
| 21/ | F | 2 | 540 | 385 | 5.9 | 43.9 | <3 | <3 | <3.0 | 8.4 | <1.5 | <1.5 |
| 22/ | F | 2 | 489 | 380 | <1 | <6.7 | <1 | <1 | <1.0 | 0.97 | <0.5 | <0.5 |
| 23/ | M | 2 | 572 | 375 | 2.6 | 14.6 | <1 | <1 | <1.0 | 3.8 | <0.5 | <0.5 |
| 24/ | F | 2 | 614 | 390 | 3.9 | 20.9 | <3 | <3 | <3.0 | 8.0 | <1.5 | <1.5 |
| 25/ | M | 2 | 635 | 410 | 4.0 | 26.0 | <1 | <1 | <1.0 | 2.76 | <0.5 | <0.5 |
| Mean | | 4 | 1592 | 523 | <7.1 | <46.8 | <<2.5 | <<2.5 | <<2.5 | 7,3 | <<1.2 | <<1.3 |
| Minimum | | 2 | 489 | 375 | <1.0 | <6.7 | <0.5 | <0.5 | <0.5 | 1,0 | <0.3 | <0.5 |
| Maximum | | 6 | 3244 | 690 | 17,0 | 157,0 | <3.0 | <3.0 | <3.0 | 13,0 | <1.5 | <1.5 |
| St.Dev | | 1 | 814 | 91 | ~4.5 | ~32.1 | ~0.9 | ~0.9 | ~0.9 | 3,1 | ~0.5 | ~0.4 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 23 | 25 |

miss(2) ! Missing value

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Comments

Station: Karihavet area Fish sampled between 28.sep.and 4.oct 2003

sample no.

- 1 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Only one eye Liver colour: white
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
- 3 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Bacterial fin rot Liver colour: white
- 4 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Bacterial fin rot Liver colour : yellow brown
- 5 Age uncertain Bacterial fin rot
Liver colour: brown
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
- 7 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
liver colour: white
- 8 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white
- 9 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
- 10 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white
- 11 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white
- 12 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour : white
- 13 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Gills with Lernaecocera copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white
- 14 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour:white
- 15 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
- 16 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
- 17 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
- 18 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
- 20 Age uncertain Gills with Lernaecocera copepods
Liver colour: white
- 21 Age uncertain Liver colour: brown
- 22 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: brown
- 23 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Signs of mechanical damage (e.g., net wounds) Liver colour: white
- 24 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: brown
- 25 Liver colour: white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20040923** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | 0.01 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | % | % | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 1046 | 503 | 21,4 | 50,5 | 31,0 | 0.0422 | 8.91 | <0.02 | 25.6 | <2 | 2.9 | 21 | 11 | 29 | 45 | 74 | 3.2 | 16 | <2 | <190 | <204 | |
| 2/1 | F | 2 | 1915 | 543 | 136,5 | 74,3 | 65,0 | 0.0048 | 2.49 | <0.02 | 13.3 | <2 | 3.5 | 9.8 | 4.1 | 11 | 19 | 35 | 2.0 | 11 | <2 | <91 | <97 | |
| 3/1 | F | 4 | 1723 | 560 | 70,8 | 63,0 | 52,0 | 0.016 | 6.84 | <0.02 | 17.2 | <2 | 2.5 | 10 | 6.1 | 18 | 29 | 46 | 2.5 | 12 | <2 | <120 | <128 | |
| 4/1 | F | 4 | 1534 | 558 | 29,2 | 48,2 | 35,0 | 0.0325 | 7.84 | <0.02 | 34.5 | 3.9 | 6.5 | 27 | 29 | 77 | 110 | 260 | 19 | 94 | <2 | 578 | <628 | |
| 5/1 | F | 3 | 2455 | 641 | 56,2 | 56,9 | 47,0 | 0.019 | 6.10 | <0.02 | 28.0 | 6.9 | 6.9 | 25 | 30 | 57 | 65 | 110 | 6.7 | 35 | <2 | 306 | <345 | |
| 6/1 | M | 2 | 1394 | 535 | 26,2 | 48,4 | 38,0 | 0.016 | 14.0 | <0.02 | 33.9 | <2 | 2.9 | 19 | 12 | 31 | 49 | 88 | 4.6 | 23 | <2 | <215 | <232 | |
| 7/1 | M | 5 | 1484 | 562 | 11,8 | 23,4 | 6,6 | 0.175 | 20.8 | <0.02 | 39.9 | 0.77 | 0.69 | 8.9 | 13 | 38 | 64 | 110 | 7.0 | 26 | 0.61 | 248 | 269 | |
| 8/1 | M | 4 | 794 | 435 | 17,7 | 44,3 | 29,0 | 0.0537 | 6.35 | 0.02 | 26.8 | 7.6 | 6.7 | 31 | 13 | 35 | 67 | 100 | 5.4 | 26 | <2 | 273 | <294 | |
| 9/1 | F | 5 | 2628 | 650 | 38,2 | 27,3 | 9,5 | 0.0914 | 15.8 | 0.02 | 37.1 | <1 | <1 | 3.4 | 10 | 28 | 52 | 89 | 4.3 | 21 | <1 | <194 | <209 | |
| 10/ | M | 3 | 1410 | 520 | 32,1 | 53,6 | 41,0 | 0.0300 | 5.04 | <0.02 | 29.0 | <3 | 5.6 | 21 | 17 | 47 | 68 | 130 | 7.1 | 34 | <3 | <309 | <333 | |
| 11/ | M | 1 | 468 | 378 | 8,1 | 56,7 | 42,0 | 0.0296 | 4.20 | <0.02 | 21.4 | <3 | <3 | 8.3 | 6.5 | 19 | 27 | 48 | <3 | 12 | <3 | <117 | <124 | |
| 12/ | M | 3 | 1511 | 555 | 46,5 | 71,9 | 62,0 | 0.014 | 5.88 | <0.02 | 23.4 | 3.1 | 6.5 | 19 | 8.8 | 26 | 44 | 70 | 3.9 | 17 | <3 | 186 | <201 | |
| 13/ | M | 2 | 620 | 428 | 6,3 | 28,5 | 10,0 | miss | miss | miss | miss | 0.85 | 1.4 | 5.8 | 8.8 | 22 | 35 | 67 | 2.9 | 16 | 0.73 | 148 | 160 | |
| 14/ | M | 3 | 1286 | 515 | 30,8 | 47,1 | 33,0 | 0.0260 | 2.27 | <0.02 | 18.7 | 15 | 3.4 | 7.0 | 11 | 30 | 50 | 83 | 3.8 | 19 | 1.4 | 207 | 224 | |
| 15/ | F | 2 | 1033 | 490 | 27,5 | 56,6 | 47,0 | 0.0235 | 6.31 | <0.02 | 26.5 | 10 | 22 | 40 | 38 | 84 | 69 | 110 | 7.4 | 37 | 2.2 | 372 | 420 | |
| 16/ | F | 2 | 1184 | 480 | 31,8 | 59,2 | 49,0 | 0.0155 | 15.0 | <0.02 | 32.6 | 3.2 | 6.9 | 19 | 13 | 33 | 39 | 66 | 4.1 | 19 | 1.3 | 186 | 205 | |
| 17/ | M | 4 | 1154 | 510 | 29,1 | 50,4 | 38,0 | 0.0295 | 6.36 | <0.02 | 35.4 | 2.5 | 6.0 | 22 | 15 | 36 | 66 | 110 | 5.5 | 26 | 1.4 | 269 | 290 | |
| 18/ | F | 2 | 1238 | 500 | 49,1 | 68,0 | 61,0 | 0.012 | 4.37 | <0.02 | 17.3 | 1.8 | 3.5 | 13 | 6.9 | 21 | 37 | 64 | 3.4 | 19 | 2.0 | 159 | 172 | |
| 19/ | F | 2 | 1156 | 505 | 31,8 | 54,8 | 48,0 | 0.012 | 6.59 | <0.02 | 20.9 | 12 | 19 | 36 | 32 | 96 | 130 | 270 | 23 | 88 | 1.9 | 651 | 708 | |
| 20/ | M | 3 | 3019 | 660 | 26,0 | 82,5 | 76,0 | 0.0041 | 2.01 | <0.02 | 14.0 | 3.7 | 10 | 28 | 6.5 | 19 | 39 | 48 | 2.7 | 11 | 1.6 | 159 | 170 | |
| 21/ | M | 3 | 1410 | 545 | 26,0 | 45,9 | 68,0 | 0.0321 | 5.08 | <0.02 | 27.2 | 2.7 | 5.0 | 18 | 21 | 57 | 100 | 180 | 8.9 | 44 | 2.5 | 407 | 439 | |
| 22/ | M | 3 | 2098 | 590 | 75,9 | 64,0 | 52,0 | 0.0223 | 3.86 | <0.02 | 20.9 | 5.8 | 6.6 | 17 | 14 | 32 | 45 | 77 | 4.4 | 19 | 1.3 | 202 | 222 | |
| 23/ | F | 1 | 658 | 430 | 11,2 | 51,0 | 3,4 | 0.0214 | 1.40 | <0.02 | 19.3 | <0.20 | <0.20 | 0.54 | 0.73 | 1.9 | 2.8 | 4.8 | 0.29 | 1.3 | <0.20 | <12 | <13 | |
| 24/ | F | 3 | 3080 | 670 | 39,7 | 85,5 | 81,0 | 0.0043 | 1.09 | <0.02 | 9.83 | 2.9 | 4.7 | 17 | 5.1 | 17 | 35 | 40 | 4.4 | 8.3 | <2 | 125 | <136 | |
| 25/ | M | 5 | 3129 | 700 | 62,5 | 46,6 | 33,0 | 0.0234 | 10.6 | <0.02 | 39.3 | 3.8 | 7.5 | 26 | 30 | 83 | 110 | 210 | 11 | 50 | <2 | 490 | <533 | |
| Mean | 3 | 1577 | 539 | | 37,7 | 54,3 | 42,3 | 0,03 | 7,05 | <<0.02 | 25,5 | <<4.1 | <5.8 | 18,1 | 14,5 | 37,9 | 55,9 | 99,6 | <6.0 | | 27,4 | <<1.8 | <<249 | <<270 |
| Minimum | 1 | 468 | 378 | | 6,3 | 23,4 | 3,4 | 0,00 | 1,09 | <0.02 | 9,8 | <0.2 | <0.2 | 0,5 | 0,7 | 1,9 | 2,8 | 4,8 | 0,3 | 1,3 | <0.2 | <12 | <13 | |
| Maximum | 5 | 3129 | 700 | | 136,5 | 85,5 | 81,0 | 0,18 | 20,80 | 0,02 | 39,9 | 15,0 | 22,0 | 40,0 | 38,0 | 96,0 | 130,0 | 270,0 | 23,0 | 94,0 | <3.0 | | 651 | 708 |
| St.Dev | 1 | 764 | 81 | | 27,5 | 15,3 | 20,7 | 0,04 | 4,97 | ~0.00 | 8,5 | ~3.6 | ~5.1 | 10,1 | 9,9 | 24,6 | 30,3 | 66,4 | ~5.1 | | 22,2 | ~0.7 | ~152 | ~166 |
| Count | 25 | 25 | 25 | | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 1046 | 503 | 13 | 70.0 | <2 | <2 | <2.0 | 6.2 | <1 | <1 |
| 2/1 | F | 2 | 1915 | 543 | 1.9 | 21.9 | <2 | <2 | <2.0 | 4.8 | <1 | <1 |
| 3/1 | F | 4 | 1723 | 560 | 4.1 | 39.1 | <2 | <2 | <2.0 | 5.2 | <1 | <1 |
| 4/1 | F | 4 | 1534 | 558 | 15 | 91.0 | <2 | <2 | <2.0 | 7.8 | <1 | 1.3 |
| 5/1 | F | 3 | 2455 | 641 | 17 | 127.0 | <2 | <2 | <2.0 | 7.7 | <1 | 1.3 |
| 6/1 | M | 2 | 1394 | 535 | 11 | 65.0 | <2 | <2 | <2.0 | 5.7 | <1 | <1 |
| 7/1 | M | 5 | 1484 | 562 | 7.8 | 64.8 | <0.4 | <0.4 | <0.4 | 1.4 | <0.2 | 0.35 |
| 8/1 | M | 4 | 794 | 435 | 18 | 86.0 | <2 | <2 | <2.0 | 5.8 | <1 | <1 |
| 9/1 | F | 5 | 2628 | 650 | 6.5 | 47.5 | <1 | <1 | <1.0 | 1.3 | <0.5 | <0.5 |
| 10/ | M | 3 | 1410 | 520 | 16 | 109.0 | <3 | <3 | <3.0 | 9.8 | <1.5 | <1.5 |
| 11/ | M | 1 | 468 | 378 | 5.4 | 38.4 | <3 | <3 | <3.0 | 4.8 | <1.5 | <1.5 |
| 12/ | M | 3 | 1511 | 555 | 9.8 | 55.8 | <3 | <3 | <3.0 | 9.2 | <1.5 | <1.5 |
| 13/ | M | 2 | 620 | 428 | 4.3 | 38.3 | 0.23 | 0.28 | 0.5 | 1.4 | <0.10 | 0.25 |
| 14/ | M | 3 | 1286 | 515 | 6.7 | 40.7 | <1 | 1.2 | <2.2 | 4.6 | <0.5 | 0.59 |
| 15/ | F | 2 | 1033 | 490 | 9.9 | 68.9 | 1.2 | 1.6 | 2.8 | 5.5 | 0.77 | 1.1 |
| 16/ | F | 2 | 1184 | 480 | 9.2 | 57.2 | 1.2 | 1.6 | 2.8 | 5.5 | <0.5 | 0.58 |
| 17/ | M | 4 | 1154 | 510 | 18 | 98.0 | <1 | 1.4 | <2.4 | 7.4 | <0.5 | 0.83 |
| 18/ | F | 2 | 1238 | 500 | 5.6 | 40.6 | 1.4 | 2.0 | 3.4 | 5.9 | 1.0 | <0.5 |
| 19/ | F | 2 | 1156 | 505 | 10 | 54.0 | 1.2 | 1.6 | 2.8 | 6.7 | <0.5 | 2.0 |
| 20/ | M | 3 | 3019 | 660 | 18 | 80.0 | <2 | 2.4 | <4.4 | 6.5 | <1 | <1 |
| 21/ | M | 3 | 1410 | 545 | 16 | 90.0 | 1.8 | 2.5 | 4.3 | 9.3 | 0.76 | 1.1 |
| 22/ | M | 3 | 2098 | 590 | 9.5 | 52.5 | 1.2 | 1.8 | 3.0 | 5.9 | 0.51 | 0.68 |
| 23/ | F | 1 | 658 | 430 | 0.31 | 2.5 | <0.20 | <0.20 | <0.2 | 0.30 | <0.10 | <0.10 |
| 24/ | F | 3 | 3080 | 670 | 12 | 64.0 | 2.0 | 2.2 | 4.2 | 8.7 | miss | <1 |
| 25/ | M | 5 | 3129 | 700 | 20 | 130.0 | <2 | <2 | <2.0 | 2.8 | <1 | <1 |
| Mean | 3 | 1577 | 539 | | 10,6 | 65,3 | <<1.6 | <<1.8 | <<2.4 | 5,6 | <<0.8 | <<0.9 |
| Minimum | 1 | 468 | 378 | | 0,3 | 2,5 | <0.2 | <0.2 | <0.2 | 0,3 | <0.1 | <0.1 |
| Maximum | 5 | 3129 | 700 | | 20,0 | 130,0 | <3.0 | <3.0 | <4.4 | 9,8 | <1.5 | 2,0 |
| St.Dev | 1 | 764 | 81 | | 5,5 | 30,9 | ~0.8 | ~0.8 | ~1.1 | 2,6 | ~0.4 | ~0.4 |
| Count | 25 | 25 | 25 | | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 |

miss(5) ! Missing value

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Comments

Station: Karihavet area Fished at depth 2-10m

sample no.

- 1 Signs of mechanical damage (e.g., net wounds) Skin with ulceration, lymphocytic areas and/or lesions
Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow
- 2 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: white
- 3 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: white
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: brown
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: White
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: brown
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red white
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: white
- 14 Gills with *Lernaeocera* copepods Liver colour: white
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white brown
- 18 Liver colour: white
- 19 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: white
- 20 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: white
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Gills with *Lernaeocera* copepods
Liver colour: white
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white
- 24 Gills with *Lernaeocera* copepods Liver colour: white
- 25 Liver colour: white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20051027** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 2 | 1360 | 500 | 54,5 | 66,0 | 55,0 | 0.0075 | 10.5 | <0.02 | 18.4 | 2.1 | 3.3 | 9.9 | 5.0 | 13 | 28 | 40 | 3.2 | 13 | <2 | 109 | <120 | | | | |
| 2/1 | F | 2 | 912 | 425 | 19,0 | 45,0 | 28,0 | 0.0271 | 3.96 | <0.02 | 20.2 | 1.3 | 1.5 | 6.0 | 6.5 | 17 | 33 | 60 | 3.4 | 15 | <1 | 134 | <145 | | | | |
| 3/1 | F | 2 | 704 | 430 | 8,6 | 43,0 | 25,0 | 0.0321 | 9.01 | <0.02 | 33.2 | 1.8 | 1.8 | 8.4 | 11 | 32 | 60 | 120 | 5.8 | 31 | <0.8 | 255 | <273 | | | | |
| 4/1 | M | 2 | 1033 | 495 | 20,1 | 54,0 | 41,0 | 0.015 | 8.61 | <0.02 | 33.8 | 2.4 | 4.5 | 24 | 14 | 42 | 86 | 160 | s8.5 | 39 | <1 | 358 | s<381 | | | | |
| 5/1 | F | 2 | 1386 | 525 | 42,4 | 65,0 | 56,0 | 0.015 | 8.18 | <0.02 | 23.8 | 2.7 | 4.6 | 15 | 11 | 28 | 55 | 100 | s5.7 | 29 | <2 | 234 | s<253 | | | | |
| 6/1 | F | 5 | 4000 | 730 | 155,1 | 67,0 | 57,0 | 0.015 | 13.0 | <0.02 | 18.8 | 5.0 | 10 | 40 | 19 | 54 | 110 | 150 | s8.9 | 41 | <2 | 410 | s<440 | | | | |
| 7/1 | M | 4 | 3595 | 680 | 181,1 | 70,0 | 61,0 | 0.019 | 10.1 | <0.02 | 20.8 | 2.7 | 2.4 | 10 | 6.4 | 17 | 41 | 68 | s3.5 | 14 | <2 | 155 | s<167 | | | | |
| 8/1 | M | 2 | 585 | 390 | 7,0 | 44,0 | 23,0 | 0.035 | 11.0 | <0.02 | 29.2 | 3.3 | 3.9 | 15 | 22 | 36 | 41 | 84 | s6.4 | 27 | 0.92 | 210 | s240 | | | | |
| 9/1 | F | 3 | 2828 | 650 | 66,5 | 54,0 | 42,0 | 0.014 | 7.39 | <0.02 | 24.7 | 3.3 | 4.2 | 19 | 11 | 35 | 74 | 130 | s5.9 | 27 | 2.1 | 293 | s312 | | | | |
| 10/ | F | 2 | 1317 | 505 | 11,8 | 38,0 | 18,0 | 0.076 | 23.5 | <0.02 | 49.4 | 3.4 | 4.0 | 16 | 11 | 31 | 64 | 130 | s5.7 | 30 | 1.3 | 278 | s296 | | | | |
| 11/ | F | 4 | 3512 | 755 | 91,6 | 64,0 | 55,0 | 0.018 | 14.3 | <0.02 | 27.8 | 3.4 | 6.1 | 17 | 9.9 | 26 | 58 | 93 | s3.9 | 18 | <1.5 | 222 | s<237 | | | | |
| 12/ | F | 3 | 2021 | 600 | 53,9 | 65,0 | 58,0 | 0.0471 | 7.23 | 0.0049 | 25.5 | 2.6 | 4.2 | 14 | 8.0 | 26 | 53 | 79 | 4.0 | 14 | 1.3 | 193 | 206 | | | | |
| 13/ | F | 3 | 3077 | 680 | 99,2 | 55,0 | 39,0 | 0.013 | 6.04 | <0.02 | 20.8 | 1.5 | 1.9 | 7.2 | 5.9 | 20 | 40 | 68 | 3.7 | 17 | 1.1 | 156 | 166 | | | | |
| 14/ | M | 5 | 1450 | 530 | 41,2 | 55,0 | 38,0 | 0.0665 | 14.9 | <0.02 | 33.5 | 2.2 | <1.0 | 3.5 | 12 | 34 | 65 | 120 | 6.0 | 31 | 2.6 | <257 | <277 | | | | |
| 15/ | M | 3 | 3338 | 680 | 115,7 | 71,0 | 65,0 | 0.012 | 11.6 | <0.02 | 20.7 | 3.2 | 9.1 | 26 | 10 | 32 | 64 | 100 | 5.9 | 21 | 2.2 | 255 | 273 | | | | |
| 16/ | M | 2 | 940 | 460 | 14,3 | 47,0 | 31,0 | 0.0270 | 11.5 | 0.011 | 30.1 | 1.4 | <1.0 | 4.0 | 8.2 | 31 | 53 | 110 | 5.0 | 31 | 1.4 | <231 | <246 | | | | |
| 17/ | M | 2 | 618 | 455 | 11,4 | 52,0 | 36,0 | 0.0263 | 1.47 | <0.02 | 18.6 | 1.1 | 1.9 | 9.9 | 8.7 | 24 | 37 | 63 | 3.8 | 15 | <1.0 | 152 | <165 | | | | |
| 18/ | F | 4 | 3788 | 740 | 155,8 | 71,0 | 62,0 | 0.011 | 3.67 | <0.02 | 15.4 | 5.4 | 12 | 25 | 12 | 32 | 49 | 70 | s5.5 | 17 | 0.37 | 210 | s228 | | | | |
| 19/ | F | 5 | 2192 | 600 | 70,4 | 60,0 | 48,0 | 0.0315 | 16.1 | <0.02 | 29.2 | 1.4 | 1.5 | 7.5 | 7.1 | 22 | 39 | 79 | 4.4 | 26 | 1.5 | 176 | 189 | | | | |
| 20/ | F | 3 | 614 | 405 | 10,9 | 53,0 | 36,0 | 0.0280 | 2.35 | <0.02 | 23.0 | <1.5 | <1.5 | 5.4 | 6.8 | 25 | 38 | 77 | 3.4 | 16 | 2.0 | <163 | <175 | | | | |
| 21/ | M | 4 | 3747 | 730 | 75,0 | 53,0 | 41,0 | 0.0292 | 26.1 | <0.02 | 37.5 | 2.4 | 3.4 | 20 | 13 | 43 | 96 | 180 | 7.4 | 48 | 1.6 | 393 | 415 | | | | |
| 22/ | M | 2 | 596 | 390 | 16,1 | 63,0 | 48,0 | 0.0240 | 4.17 | <0.02 | 16.8 | 1.5 | 2.2 | 6.7 | 3.5 | 10 | 26 | 44 | 2.5 | 11 | <1.5 | 101 | <109 | | | | |
| 23/ | F | 2 | 1153 | 480 | 27,2 | 57,0 | 45,0 | 0.0314 | 9.40 | <0.02 | 25.6 | 1.1 | 2.7 | 4.2 | 5.3 | 14 | 26 | 54 | s3.4 | 14 | 0.63 | 116 | s125 | | | | |
| 24/ | F | 2 | 672 | 425 | 10,6 | 54,0 | 42,0 | 0.0199 | 7.05 | <0.02 | 26.9 | <2.0 | 3.2 | 10 | 5.8 | 20 | 32 | 52 | 3.0 | 9.9 | 1.1 | <129 | <139 | | | | |
| 25/ | M | 2 | 632 | 415 | 20,0 | 70,0 | 66,0 | 0.0071 | 5.17 | <0.02 | 16.2 | 18 | 7.4 | 13 | 62 | 120 | 68 | 100 | s10 | 35 | 0.69 | 361 | s434 | | | | |
| Mean | | 3 | 1843 | 547 | 55,2 | 57,4 | 44,6 | 0,03 | 9,85 | <<0.02 | 25,6 | <3.1 | <4.0 | 13,5 | 11,8 | 31,4 | 53,4 | 93,2 | 4,4 | 23,6 | <<1.4 | <222 | <<207 | | | | |
| Minimum | | 2 | 585 | 390 | 7,0 | 38,0 | 18,0 | 0,01 | 1,47 | 0,00 | 15,4 | 1,1 | <1.0 | 3,5 | 3,5 | 10,0 | 26,0 | 40,0 | 2,5 | 9,9 | 0,4 | 101 | <109 | | | | |
| Maximum | | 5 | 4000 | 755 | 181,1 | 71,0 | 66,0 | 0,08 | 26,10 | <0.02 | 49,4 | 18,0 | 12,0 | 40,0 | 62,0 | 120,0 | 110,0 | 180,0 | 7,4 | 48,0 | 2,6 | 410 | 415 | | | | |
| St.Dev | | 1 | 1238 | 125 | 51,6 | 9,6 | 13,6 | 0,02 | 5,94 | ~0.00 | 7,8 | ~3.3 | ~2.9 | 8,6 | 11,3 | 21,1 | 21,8 | 37,0 | 1,4 | 10,4 | ~0.6 | ~89 | ~83 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 14 | 25 | 25 | 25 | 14 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|--------|--------|--------|--------|-------|--------|--------|--------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | BDE28 | BDE47 | BDE49 | BDE66 | BDE71 | BDE77 | BDE85 | BDE99 | BDE119 | BDE138 |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 2 | 1360 | 500 | 9.2 | 4.2 | 49.4 | 2.1 | <2 | <4.1 | 6.7 | <2 | <2 | 0.19 | 2.9 | 0.71 | <0.1 | <0.08 | <0.08 | 0.17 | 0.67 | <0.04 | <0.15 | |
| 2/1 F | 2 | 912 | 425 | 4.6 | 3.1 | 41.7 | 1.0 | <1 | <2.0 | 6.5 | <0.5 | <1 | 0.13 | 2.9 | 0.29 | 0.06 | <0.02 | <0.03 | <0.04 | 0.31 | <0.04 | <0.05 | |
| 3/1 F | 2 | 704 | 430 | 13 | 7.0 | 69.0 | 1.1 | 0.98 | 2.1 | 6.1 | 0.42 | <0.8 | 0.33 | 7.6 | 0.35 | 0.10 | <0.02 | 0.05 | <0.02 | 0.78 | 0.08 | <0.03 | |
| 4/1 M | 2 | 1033 | 495 | 9.9 | 7.5 | 97.4 | 1.7 | 1.4 | 3.1 | 6.6 | 0.57 | 1.0 | 0.93 | 67 | 6.1 | 0.72 | <0.03 | 0.06 | <0.03 | 1.2 | 0.21 | <0.05 | |
| 5/1 F | 2 | 1386 | 525 | 13 | 7.5 | 71.5 | 2.4 | 2.1 | 4.5 | 12 | <1 | <2 | 0.25 | 5.7 | 0.51 | 0.11 | <0.04 | <0.04 | <0.05 | 0.30 | <0.05 | <0.1 | |
| 6/1 F | 5 | 4000 | 730 | 45 | 27 | 182.0 | 2.2 | 1.8 | 4.0 | 18 | 2.2 | <2 | 0.72 | 14 | 2.7 | 0.49 | <0.05 | 0.24 | <0.05 | 1.1 | 0.08 | <0.1 | |
| 7/1 M | 4 | 3595 | 680 | 7.7 | 5.2 | 55.9 | 1.9 | 1.5 | 3.4 | 9.9 | <1 | <2 | 0.16 | 3.4 | 0.41 | <0.1 | <0.1 | <0.1 | <0.1 | 0.08 | <0.1 | <0.2 | |
| 8/1 M | 2 | 585 | 390 | 6.2 | 5.2 | 41.4 | 0.83 | <0.8 | <1.6 | 5.6 | <0.4 | 1.0 | 0.17 | 3.5 | 0.48 | <0.05 | <0.05 | <0.05 | <0.05 | 0.23 | <0.05 | <0.1 | |
| 9/1 F | 3 | 2828 | 650 | 6.0 | 13 | 98.0 | 1.5 | <1.5 | <3.0 | 8.1 | <0.7 | <1.5 | 0.30 | 5.5 | 0.73 | 0.09 | <0.04 | <0.05 | <0.06 | 0.15 | 0.06 | <0.1 | |
| 10/ F | 2 | 1317 | 505 | 9.1 | 14 | 95.1 | 0.79 | 0.60 | 1.4 | 5.0 | 0.32 | 0.79 | 0.66 | 14 | 1.7 | 0.20 | <0.03 | <0.03 | <0.03 | 0.14 | 0.08 | <0.05 | |
| 11/ F | 4 | 3512 | 755 | 16 | 9.4 | 85.4 | 1.8 | 1.5 | 3.3 | 13 | <0.7 | <1.5 | 0.34 | 5.8 | 1.0 | 0.05 | <0.04 | 0.07 | <0.04 | 0.19 | 0.06 | <0.08 | |
| 12/ F | 3 | 2021 | 600 | 13 | 9.6 | 85.6 | 1.6 | 1.6 | 3.2 | 9.1 | 0.85 | 1.1 | 0.39 | 8.8 | 0.99 | 0.14 | <0.02 | <0.04 | <0.03 | 0.17 | 0.08 | <0.08 | |
| 13/ F | 3 | 3077 | 680 | 5.1 | 6.7 | 57.8 | 1.0 | 1.1 | 2.1 | 4.9 | 0.57 | <1.0 | 0.30 | 5.0 | 0.41 | <0.03 | <0.02 | <0.03 | <0.03 | 0.49 | 0.04 | <0.05 | |
| 14/ M | 5 | 1450 | 530 | 2.2 | 3.2 | 67.4 | 1.0 | 1.1 | 2.1 | 7.5 | 0.75 | <1.0 | 0.17 | 6.0 | 0.18 | 0.05 | <0.03 | <0.03 | <0.03 | 0.14 | 0.06 | <0.06 | |
| 15/ M | 3 | 3338 | 680 | 25 | 17 | 134.0 | 2.3 | 2.1 | 4.4 | 13 | 2.4 | <1.5 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | |
| 16/ M | 2 | 940 | 460 | 5.5 | 4.1 | 53.6 | 1.0 | <1.0 | <2.0 | 6.6 | 1.1 | <1.0 | 0.14 | 4.6 | 0.18 | 0.06 | <0.02 | <0.02 | <0.03 | 0.13 | <0.04 | <0.04 | |
| 17/ M | 2 | 618 | 455 | 4.3 | 5.2 | 34.5 | 1.2 | 1.3 | 2.5 | 6.4 | 0.65 | <1.0 | 0.16 | 5.2 | 0.88 | 0.15 | <0.02 | 0.08 | <0.02 | 0.56 | 0.07 | <0.04 | |
| 18/ F | 4 | 3788 | 740 | 11 | 22 | 100.0 | 2.0 | 1.7 | 3.7 | 12 | <1.6 | <1 | 0.35 | 5.4 | 1.9 | 0.11 | <0.03 | 0.07 | <0.04 | 0.21 | 0.06 | <0.08 | |
| 19/ F | 5 | 2192 | 600 | 10 | 8.2 | 60.2 | <2.0 | 1.5 | <3.5 | 7.1 | 1.3 | <1.0 | 0.18 | 3.4 | 0.25 | <0.04 | <0.03 | <0.04 | <0.04 | 0.12 | <0.04 | <0.06 | |
| 20/ F | 3 | 614 | 405 | 3.0 | 4.1 | 42.1 | <1.5 | <1.5 | <1.5 | 4.6 | <0.7 | <1.5 | 0.13 | 4.5 | 0.29 | 0.08 | <0.03 | 0.07 | <0.04 | 0.91 | <0.04 | <0.06 | |
| 21/ M | 4 | 3747 | 730 | 5.8 | 16 | 100.8 | <1.5 | <1.5 | <1.5 | 6.9 | 1.4 | <1.5 | 0.61 | 13 | 0.99 | <0.04 | <0.03 | <0.04 | <0.05 | 0.39 | 0.11 | <0.08 | |
| 22/ M | 2 | 596 | 390 | 4.6 | 4.8 | 25.4 | <1.5 | <1.5 | <1.5 | 7.0 | <0.7 | <1.0 | 0.13 | 2.3 | 0.35 | 0.04 | <0.03 | 0.05 | <0.05 | 0.1 | <0.04 | <0.08 | |
| 23/ F | 2 | 1153 | 480 | 2.5 | 3.6 | 33.1 | 1.5 | 1.3 | 2.8 | 5.9 | <0.6 | <1 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | |
| 24/ F | 2 | 672 | 425 | 4.7 | 7.1 | 44.8 | <2.0 | <2.0 | <2.0 | 6.9 | 1.1 | <2.0 | 0.34 | 6.1 | 0.97 | 0.1 | <0.04 | 0.09 | <0.04 | 0.55 | 0.06 | <0.08 | |
| 25/ M | 2 | 632 | 415 | 3.7 | 5.0 | 39.7 | 2.4 | 2.0 | 4.4 | 7.2 | <1 | <1 | 0.14 | 2.3 | 0.31 | 0.08 | <0.05 | 0.10 | <0.05 | 1.2 | <0.05 | <0.1 | |
| Mean | 3 | 1843 | 547 | 9,6 | 8,8 | 70,6 | <1.6 | <<1.5 | <<2.8 | 8,1 | <<1.0 | <<1.3 | 0,31 | 8,65 | 0,99 | <<0.13 | <<0.04 | <<0.06 | <<0.05 | 0,44 | <<0.07 | <<0.08 | |
| Minimum | 2 | 585 | 390 | 2,2 | 3,1 | 25,4 | 0,8 | 0,6 | 1,4 | 4,6 | 0,3 | 0,8 | 0,13 | 2,30 | 0,18 | <0.03 | <0.02 | <0.02 | <0.02 | 0,08 | <0.04 | <0.03 | |
| Maximum | 5 | 4000 | 755 | 45,0 | 27,0 | 182,0 | 2,4 | 2,1 | 4,5 | 18,0 | 2,4 | <2.0 | 0,93 | 67,00 | 6,10 | 0,72 | <0.10 | 0,24 | 0,17 | 1,20 | 0,21 | <0.20 | |
| St.Dev | 1 | 1238 | 125 | 9,0 | 6,2 | 35,8 | ~0.5 | ~0.4 | ~1.0 | 3,2 | ~0.6 | ~0.4 | 0,22 | 13,18 | 1,28 | ~0.16 | ~0.02 | ~0.04 | ~0.03 | 0,37 | ~0.04 | ~0.04 | |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|--------|--------|---------|
| Analysis code => | | | | 730 | 730 | 730 | Calc | |
| Detection limit => | | | | | | | | |
| Sam. rep | Sex | Age | Wght | Lngr | BDE154 | BDE183 | BDE205 | BDESS |
| no. | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| | | | | | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 1360 | 500 | 0.30 | <0.5 | <2 | <8.40 |
| 2/1 | F | 2 | 912 | 425 | 0.15 | <0.2 | <1 | <5.72 |
| 3/1 | F | 2 | 704 | 430 | 0.19 | <0.2 | <1 | <11.58 |
| 4/1 | M | 2 | 1033 | 495 | 4.6 | <0.2 | <1 | <140.89 |
| 5/1 | F | 2 | 1386 | 525 | 0.30 | <0.2 | <1 | <9.37 |
| 6/1 | F | 5 | 4000 | 730 | 1.2 | <0.3 | <1.5 | <25.28 |
| 7/1 | M | 4 | 3595 | 680 | 0.23 | <0.4 | <2 | <7.18 |
| 8/1 | M | 2 | 585 | 390 | 0.18 | <0.3 | <1.5 | <7.06 |
| 9/1 | F | 3 | 2828 | 650 | 0.28 | <0.3 | <1.5 | <10.01 |
| 10/ | F | 2 | 1317 | 505 | 0.39 | <0.2 | <1 | <21.77 |
| 11/ | F | 4 | 3512 | 755 | 0.42 | <0.3 | <1.5 | <10.93 |
| 12/ | F | 3 | 2021 | 600 | 0.47 | <0.2 | <1 | <14.54 |
| 13/ | F | 3 | 3077 | 680 | 0.29 | <0.2 | <1 | <8.57 |
| 14/ | M | 5 | 1450 | 530 | 0.26 | <0.3 | <1 | <9.00 |
| 15/ | M | 3 | 3338 | 680 | miss | miss | miss | |
| 16/ | M | 2 | 940 | 460 | 0.15 | <0.2 | <1 | <7.22 |
| 17/ | M | 2 | 618 | 455 | 0.28 | <0.1 | <0.5 | <9.62 |
| 18/ | F | 4 | 3788 | 740 | 0.38 | <0.2 | <1.5 | <11.54 |
| 19/ | F | 5 | 2192 | 600 | 0.20 | <0.2 | <1 | <6.06 |
| 20/ | F | 3 | 614 | 405 | 0.23 | <0.2 | <1 | <8.91 |
| 21/ | M | 4 | 3747 | 730 | 0.43 | <0.2 | <1 | <18.98 |
| 22/ | M | 2 | 596 | 390 | 0.20 | <0.2 | <1 | <4.94 |
| 23/ | F | 2 | 1153 | 480 | miss | miss | miss | |
| 24/ | F | 2 | 672 | 425 | 0.36 | <0.2 | <1 | <11.97 |
| 25/ | M | 2 | 632 | 415 | 0.15 | <0.2 | <1 | <5.84 |
| Mean | | 3 | 1843 | 547 | 0,51 | <<0.24 | <<1.17 | <<16.32 |
| Minimum | | 2 | 585 | 390 | 0,15 | <0.10 | <0.50 | <4.94 |
| Maximum | | 5 | 4000 | 755 | 4,60 | <0.50 | <2.00 | <140.89 |
| St.Dev | | 1 | 1238 | 125 | 0,92 | ~0.08 | ~0.36 | ~27.64 |
| Count | | 25 | 25 | 25 | 23 | 23 | 23 | 23 |

miss(28) ! Missing value s/q(22) ! Suspect value

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Comments

Station: Karihavet area

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red
- 2 Liver colour: white red
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red
- 4 Liver colour: white red
- 5 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour:white red
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white red. Part sample = 98,97g Extra part sample = 53,26g
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red. Part sample = 121,33g
Extra part sample = 55,89g
- 8 Liver colour: white red
- 9 Liver colour: white red
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red . Part sample = 48,07g
Extra part sample = 41,69g
- 12 Skin with ulceration, lymphocytic areas and/or lesions Liver colour: white red
- 13 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red. Part sample = 52,61g
Extra part sample : 43,97g
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: white red.
- 15 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red. Part sample = 71,15g
Extra part sample = 41,18g
- 16 Liver colour: white red
- 17 Liver colour: white red
- 18 Liver and/or intestinal guts with larvae of Anisakis simplex Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: white red. Part sanple = 100,59g
Extra part sample = 52,48g
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: white red
- 20 Liver colour : white red
- 21 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 22 Liver colour: white red
- 23 Liver colour: white red
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Age uncertain Liver colour: white red
- 25 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20060916** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | | | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 5 | 3812 | 730 | 79,2 | 54,0 | 40,0 | 0.0293 | 21.7 | <0.02 | 35.3 | 2.6 | 3.9 | 24 | 15 | 44 | 82 | 140 | 10 | 41 | <2.0 | 338 | <365 | | | | | | | |
| 2/1 | M | 3 | 1618 | 575 | 26,0 | 34,0 | 17,0 | 0.0357 | 9.79 | <0.02 | 34.6 | <1.0 | 2.1 | 14 | 11 | 36 | 79 | 140 | 6.0 | 37 | <1.0 | <309 | <326 | | | | | | | |
| 3/1 | M | 2 | 1052 | 495 | 16,0 | 50,0 | 37,0 | 0.0214 | 10.00 | <0.02 | 33.2 | <2.0 | 6.8 | 7.4 | 15 | 25 | 55 | <2.0 | 15 | <2.0 | <119 | <126 | | | | | | | | |
| 4/1 | F | 2 | 1133 | 495 | 21,8 | 48,0 | 33,0 | 0.0236 | 15.5 | <0.02 | 32.3 | 4.3 | 7.5 | 32 | 18 | 58 | 110 | 220 | 12 | 64 | 1.7 | 496 | 528 | | | | | | | |
| 5/1 | M | 4 | 2573 | 580 | 18,2 | 24,0 | 7,4 | 0.175 | 14.1 | <0.02 | 52.9 | 0.47 | <0.40 | 4.6 | 6.9 | 21 | 48 | 84 | 3.9 | 23 | 1.7 | <181 | <194 | | | | | | | |
| 6/1 | F | 2 | 1428 | 515 | 25,0 | 49,0 | 33,0 | 0.0333 | 17.5 | <0.02 | 35.6 | <1.0 | <1.0 | 7.0 | 3.5 | 11 | 20 | 34 | 1.7 | 10 | <1.0 | <83 | <88 | | | | | | | |
| 7/1 | F | 5 | 1326 | 548 | 10,2 | 19,0 | 2,5 | 0.331 | 27.0 | 0.0527 | 60.00 | <0.40 | <0.40 | 0.48 | 1.3 | 2.2 | 4.4 | 7.1 | 0.51 | 2.7 | <0.40 | <17 | <19 | | | | | | | |
| 8/1 | F | 2 | 893 | 443 | 13,0 | 43,0 | 26,0 | 0.0389 | 18.2 | <0.02 | 33.7 | <1.0 | <1.0 | 4.2 | 4.2 | 11 | 23 | 40 | 1.9 | 10 | <1.0 | <89 | <95 | | | | | | | |
| 9/1 | M | 3 | 1608 | 558 | 23,0 | 37,0 | 22,0 | 0.0490 | 11.4 | <0.02 | 40.1 | <1.0 | 4.0 | 11 | 9.5 | 25 | 45 | 96 | 7.2 | 30 | 1.2 | <212 | <230 | | | | | | | |
| 10/ | M | 3 | 868 | 473 | 20,8 | 44,0 | 32,0 | 0.0441 | 1.17 | <0.02 | 20.8 | <1.0 | 1.9 | 9.1 | 6.2 | 14 | 34 | 61 | 3.7 | 20 | <1.0 | <141 | <151 | | | | | | | |
| 11/ | F | 2 | 1484 | 418 | 38,2 | 53,0 | 42,0 | 0.015 | 9.73 | <0.02 | 19.0 | 5.1 | <2.0 | 4.6 | 3.1 | 12 | 19 | 32 | <2.0 | 11 | <2.0 | <86 | <89 | | | | | | | |
| 12/ | F | 3 | 3934 | 700 | 108,8 | 64,0 | 55,0 | 0.015 | 10.2 | 0.188 | 21.8 | <2.0 | 3.5 | 14 | 5.3 | 19 | 34 | 61 | 2.6 | 16 | <2.0 | <150 | <157 | | | | | | | |
| 13/ | F | 3 | 809 | 432 | 14,2 | 37,0 | 20,0 | 0.0621 | 6.31 | 0.0945 | 36.0 | <1.0 | 1.3 | 5.7 | 5.5 | 13 | 27 | 54 | 2.8 | 15 | <1.0 | <117 | <125 | | | | | | | |
| 14/ | M | 3 | 688 | 428 | 7,8 | 31,0 | 11,0 | 0.0700 | 9.82 | 0.0731 | 32.4 | <1.0 | <1.0 | 4.3 | 7.7 | 24 | 25 | 38 | 4.3 | 7.5 | <1.0 | <100 | <112 | | | | | | | |
| 15/ | F | 2 | 497 | 472 | 14,8 | 37,0 | 19,0 | 0.0379 | 13.5 | 0.0360 | 33.2 | <1.0 | <1.0 | 3.2 | 5.2 | 12 | 22 | 43 | 3.0 | 13 | <1.0 | <94 | <102 | | | | | | | |
| 16/ | M | 2 | 672 | 445 | 8,2 | 44,0 | 30,0 | 0.0519 | 12.5 | 0.0627 | 30.5 | 1.0 | <2.0 | 3.0 | 13 | 33 | 32 | 63 | 4.3 | 21 | <1.0 | <155 | <172 | | | | | | | |
| 17/ | M | 3 | 2484 | 660 | 38,8 | 55,0 | 40,0 | 0.0305 | 9.51 | 0.0960 | 25.3 | 2.2 | 6.8 | 18 | 9.8 | 26 | 50 | 94 | 4.6 | 25 | <2.0 | 222 | <238 | | | | | | | |
| 18/ | F | 3 | 2779 | 640 | 50,9 | 62,0 | 51,0 | 0.018 | 17.9 | 0.0423 | 39.5 | <2.0 | 3.4 | 9.9 | 9.2 | 21 | 42 | 82 | 3.9 | 24 | <2.0 | <184 | <197 | | | | | | | |
| 19/ | M | 2 | 689 | 408 | 7,4 | 27,0 | 10,0 | 0.0486 | 14.6 | 0.124 | 33.3 | <1.0 | <1.0 | 3.1 | 2.2 | 6.2 | 13 | 23 | 1.0 | 5.5 | <1.0 | <52 | <55 | | | | | | | |
| 20/ | F | 2 | 1543 | 545 | 34,2 | 61,0 | 52,0 | 0.018 | 7.86 | 0.127 | 22.4 | <2.0 | <2.0 | 2.6 | 3.7 | 12 | 21 | 41 | <2.0 | 12 | <2.0 | <91 | <94 | | | | | | | |
| 21/ | M | 2 | 728 | 435 | 7,2 | 27,0 | 11,0 | 0.0303 | 11.7 | 0.0435 | 45.9 | 3.3 | 5.8 | 32 | 20 | 70 | 110 | 230 | 9.0 | 69 | 1.2 | 520 | 550 | | | | | | | |
| 22/ | F | 2 | 1150 | 505 | 11,4 | 24,0 | 13,0 | 0.0343 | 17.0 | 0.150 | 54.6 | 2.5 | 3.4 | 17 | 12 | 37 | 70 | 130 | 5.5 | 32 | <1.0 | 292 | <310 | | | | | | | |
| 23/ | M | 2 | 823 | 432 | 10,8 | 39,0 | 24,0 | 0.0429 | 18.7 | 0.0949 | 36.7 | <1.0 | <1.0 | 2.3 | 3.8 | 8.8 | 19 | 40 | 1.9 | 12 | <1.0 | <83 | <89 | | | | | | | |
| 24/ | F | 4 | 2029 | 595 | 41,2 | 48,0 | 36,0 | 0.0650 | 20.2 | 0.0892 | 31.8 | 2.0 | 3.4 | 13 | 11 | 29 | 63 | 98 | 4.9 | 27 | <1.0 | 235 | <252 | | | | | | | |
| 25/ | M | 2 | 1114 | 485 | 15,0 | 43,0 | 25,0 | 0.0472 | 41.8 | 0.0328 | 36.7 | <1.0 | <1.0 | 1.9 | 2.7 | 8.7 | 18 | 33 | 1.6 | 10 | <1.0 | <73 | <77 | | | | | | | |
| Mean | | 3 | 1509 | 520 | 26,5 | 42,2 | 27,6 | 0,05 | 14,71 | <<0.06 | 35,1 | <<1.7 | <<2.5 | 9,9 | 7,9 | 22,8 | 41,4 | 77,6 | <4.1 | 22,1 | <<1.3 | <<178 | <<190 | | | | | | | |
| Minimum | | 2 | 497 | 408 | 7,2 | 19,0 | 2,5 | 0,02 | 1,17 | <0.02 | 19,0 | <0.4 | <0.4 | 0,5 | 1,3 | 2,2 | 4,4 | 7,1 | 0,5 | 2,7 | <0.4 | <17 | <19 | | | | | | | |
| Maximum | | 5 | 3934 | 730 | 108,8 | 64,0 | 55,0 | 0,33 | 41,80 | 0,19 | 60,0 | 5,1 | 7,5 | 32,0 | 20,0 | 70,0 | 110,0 | 230,0 | 12,0 | 69,0 | <2.0 | 520 | 550 | | | | | | | |
| St.Dev | | 1 | 942 | 91 | 23,9 | 12,5 | 14,5 | 0,07 | 7,87 | ~0.05 | 10,1 | ~1.2 | ~1.9 | 8,9 | 4,9 | 16,4 | 29,0 | 56,9 | ~2.9 | 16,6 | ~0.5 | ~129 | ~137 | | | | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | 730 | | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | | | | | | | | | |
| Sam. no. | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | BDE28 | BDE47 | BDE49 | BDE66 | BDE71 | BDE77 | BDE85 | BDE99 | BDE119 | BDE138 |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 M | | 5 | 3812 | 730 | 41 | 13 | 143.0 | <2.0 | <2.0 | <2.0 | 13 | 1.0 | <2.0 | 0.54 | 8.5 | 1.2 | 0.20 | <0.03 | <0.05 | <0.05 | 0.21 | 0.18 | <0.08 |
| 2/1 M | | 3 | 1618 | 575 | 19 | 7.5 | 101.5 | <1.0 | <1.0 | <1.0 | 4.3 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 3/1 M | | 2 | 1052 | 495 | 25 | <3.0 | <62.0 | <2.0 | <2.0 | <2.0 | 9.2 | <1.0 | <2.0 | 0.27 | 4.5 | 0.20 | 0.12 | <0.03 | 0.06 | 0.33 | 0.78 | 0.12 | <0.08 |
| 4/1 F | | 2 | 1133 | 495 | 44 | 16 | 190.0 | 1.1 | <1.0 | <2.1 | 10 | 0.85 | <1.0 | 1.4 | 36 | 9.6 | 1.1 | <0.03 | 0.07 | <0.05 | 1.5 | 0.31 | <0.08 |
| 5/1 M | | 4 | 2573 | 580 | 7.1 | 1.7 | 43.8 | <0.40 | <0.40 | <0.4 | 1.5 | <0.20 | <0.40 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 6/1 F | | 2 | 1428 | 515 | 6.4 | 2.2 | 29.6 | <1.0 | <1.0 | <1.0 | 5.8 | 0.77 | <1.0 | 0.20 | 3.2 | 0.30 | 0.10 | <0.03 | 0.05 | <0.05 | 0.08 | 0.08 | <0.07 |
| 7/1 F | | 5 | 1326 | 548 | 1.5 | <0.60 | <5.5 | <0.40 | <0.40 | <0.4 | 0.37 | <0.20 | <0.40 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 8/1 F | | 2 | 893 | 443 | 8.3 | <2.0 | <32.3 | <1.0 | 5.2 | <6.2 | 4.5 | 27 | <1.0 | 0.20 | 2.8 | 0.25 | 0.08 | <0.03 | <0.05 | <0.05 | <0.06 | 0.09 | <0.06 |
| 9/1 M | | 3 | 1608 | 558 | 23 | 6.9 | 71.9 | <1.0 | <1.0 | <1.0 | 7.3 | 0.53 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 10/ M | | 3 | 868 | 473 | 12 | 2.3 | 55.3 | <1.0 | <1.0 | <1.0 | 5.7 | 1.0 | <1.0 | 0.15 | 3.6 | 0.28 | 0.07 | <0.03 | 0.09 | <0.05 | 0.35 | 0.08 | <0.05 |
| 11/ F | | 2 | 1484 | 418 | 5.9 | <3.0 | <24.9 | <2.0 | <2.0 | <2.0 | 9.3 | 1.3 | <2.0 | 0.13 | 1.7 | 0.26 | 0.06 | <0.03 | <0.05 | <0.05 | <0.06 | 0.07 | <0.06 |
| 12/ F | | 3 | 3934 | 700 | 10 | 4.9 | 47.9 | <2.0 | <2.0 | <2.0 | 12 | 1.5 | <2.0 | 0.31 | 5.1 | 0.97 | 0.16 | <0.03 | 0.13 | <0.05 | 0.09 | 0.12 | <0.1 |
| 13/ F | | 3 | 809 | 432 | <4.0 | 3.4 | <33.4 | <1.0 | <1.0 | <1.0 | 3.0 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 14/ M | | 3 | 688 | 428 | <4.0 | <2.0 | <19.0 | <1.0 | <1.0 | <1.0 | 2.0 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 15/ F | | 2 | 497 | 472 | <4.0 | <2.0 | <21.0 | <1.0 | <1.0 | <1.0 | 4.3 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 16/ M | | 2 | 672 | 445 | 7.6 | 4.3 | 40.9 | <1.0 | <1.0 | <1.0 | 5.5 | 0.51 | <1.0 | 0.21 | 6.4 | 0.13 | 0.05 | <0.03 | <0.05 | <0.05 | 0.18 | 0.08 | <0.06 |
| 17/ M | | 3 | 2484 | 660 | 12 | 13 | 93.0 | <2.0 | <2.0 | <2.0 | 15 | 1.5 | <2.0 | 0.44 | 6.8 | 1.2 | 0.19 | <0.03 | 0.10 | <0.05 | 0.14 | 0.10 | <0.06 |
| 18/ F | | 3 | 2779 | 640 | 12 | 4.2 | 59.2 | <2.0 | <2.0 | <2.0 | 7.4 | <1.0 | <2.0 | 0.19 | 4.1 | 0.25 | <0.04 | <0.03 | <0.05 | <0.05 | <0.06 | 0.09 | <0.08 |
| 19/ M | | 2 | 689 | 408 | <4.0 | 2.4 | <20.4 | <1.0 | <1.0 | <1.0 | 2.2 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 20/ F | | 2 | 1543 | 545 | <6.0 | <3.0 | <29.0 | <2.0 | <2.0 | <2.0 | 11 | 1.1 | <2.0 | 0.14 | 2.3 | 0.14 | 0.05 | <0.03 | <0.05 | <0.05 | <0.06 | 0.05 | <0.06 |
| 21/ M | | 2 | 728 | 435 | 15 | 15 | 150.0 | <1.0 | <1.0 | <1.0 | 3.8 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 22/ F | | 2 | 1150 | 505 | 9.4 | 12 | 115.4 | <1.0 | <1.0 | <1.0 | 4.1 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 23/ M | | 2 | 823 | 432 | 4.7 | <2.0 | <24.7 | <1.0 | <1.0 | <1.0 | 5.1 | <0.5 | <1.0 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| 24/ F | | 4 | 2029 | 595 | 13 | 9.8 | 96.8 | <1.0 | <1.0 | <1.0 | 11 | 1.2 | <1.0 | 0.76 | 14 | 0.80 | 0.29 | <0.03 | <0.05 | <0.05 | 0.13 | 0.18 | <0.07 |
| 25/ M | | 2 | 1114 | 485 | <4.0 | <2.0 | <21.0 | <1.0 | <1.0 | <1.0 | 4.0 | <0.5 | <1.0 | | | | | | | | | | |
| Mean | | 3 | 1509 | 520 | <12.1 | <<5.5 | <<61.3 | <<1.2 | <<1.4 | <<1.5 | 6,5 | <<1.8 | <<1.2 | 0,38 | 7,62 | 1,20 | <0.19 | <<0.03 | <<0.07 | <<0.07 | <<0.28 | 0,12 | <<0.07 |
| Minimum | | 2 | 497 | 408 | 1,5 | <0.6 | <5.5 | <0.4 | <0.4 | <0.4 | 0,4 | <0.2 | <0.4 | 0,13 | 1,70 | 0,13 | <0.04 | <0.03 | <0.05 | <0.05 | <0.06 | 0,05 | <0.05 |
| Maximum | | 5 | 3934 | 730 | 44,0 | 16,0 | 190,0 | <2.0 | 5,2 | <6.2 | 15,0 | 27,0 | <2.0 | 1,40 | 36,00 | 9,60 | 1,10 | <0.03 | 0,13 | 0,33 | 1,50 | 0,31 | <0.10 |
| St.Dev | | 1 | 942 | 91 | ~10.9 | ~4.7 | ~47.9 | ~0.5 | ~0.9 | ~1.1 | 3,9 | ~5.3 | ~0.5 | 0,36 | 9,13 | 2,56 | ~0.28 | ~0.00 | ~0.03 | ~0.08 | ~0.42 | 0,07 | ~0.01 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|--------|--------|---------|
| Analysis code => | | | | 730 | 730 | 730 | Calc | |
| Detection limit => | | | | | | | | |
| Sam. rep. | Sex | Age | Wght | Lngr | BDE154 | BDE183 | BDE205 | BDESS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 5 | 3812 | 730 | 0.85 | <0.1 | <0.15 | <14.93 |
| 2/1 | M | 3 | 1618 | 575 | miss | miss | miss | |
| 3/1 | M | 2 | 1052 | 495 | 0.50 | <0.1 | <0.15 | <8.20 |
| 4/1 | F | 2 | 1133 | 495 | 4.2 | <0.1 | <0.15 | <81.58 |
| 5/1 | M | 4 | 2573 | 580 | miss | miss | miss | |
| 6/1 | F | 2 | 1428 | 515 | 0.43 | <0.1 | <0.15 | <5.69 |
| 7/1 | F | 5 | 1326 | 548 | miss | miss | miss | |
| 8/1 | F | 2 | 893 | 443 | 0.28 | <0.1 | <0.15 | <4.83 |
| 9/1 | M | 3 | 1608 | 558 | miss | miss | miss | |
| 10/ | M | 3 | 868 | 473 | 0.22 | <0.1 | <0.15 | <6.47 |
| 11/ | F | 2 | 1484 | 418 | 0.28 | <0.1 | <0.15 | <3.12 |
| 12/ | F | 3 | 3934 | 700 | 0.52 | <0.1 | <0.15 | <8.92 |
| 13/ | F | 3 | 809 | 432 | miss | miss | miss | |
| 14/ | M | 3 | 688 | 428 | miss | miss | miss | |
| 15/ | F | 2 | 497 | 472 | miss | miss | miss | |
| 16/ | M | 2 | 672 | 445 | 0.11 | <0.1 | <0.15 | <8.41 |
| 17/ | M | 3 | 2484 | 660 | 0.61 | <0.1 | <0.15 | <11.63 |
| 18/ | F | 3 | 2779 | 640 | 0.47 | <0.1 | <0.15 | <6.20 |
| 19/ | M | 2 | 689 | 408 | miss | miss | miss | |
| 20/ | F | 2 | 1543 | 545 | 0.24 | <0.1 | <0.15 | <3.48 |
| 21/ | M | 2 | 728 | 435 | miss | miss | miss | |
| 22/ | F | 2 | 1150 | 505 | miss | miss | miss | |
| 23/ | M | 2 | 823 | 432 | miss | miss | miss | |
| 24/ | F | 4 | 2029 | 595 | 0.63 | <0.1 | <0.15 | <20.14 |
| 25/ | M | 2 | 1114 | 485 | | | | |
| Mean | | 3 | 1509 | 520 | 0,72 | <<0.10 | <<0.15 | <<14.12 |
| Minimum | | 2 | 497 | 408 | 0,11 | <0.10 | <0.15 | <3.12 |
| Maximum | | 5 | 3934 | 730 | 4,20 | <0.10 | <0.15 | <81.58 |
| St.Dev | | 1 | 942 | 91 | 1,07 | ~0.00 | ~0.00 | ~20.82 |
| Count | | 25 | 25 | 25 | 13 | 13 | 13 | 13 |

miss(154) ! Missing value

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Comments

Station: Karihavet area

sample no.

- 1 Liver colour: grey white
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: grey white
- 3 Liver colour: grey white
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: grey
- 5 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: grey yellow
- 6 Liver colour: grey white
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: brown red
- 8 Liver colour: brown red
- 9 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: grey white
- 10 Liver colour: grey white
- 11 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: grey white
- 12 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: grey white
- 13 Liver colour: grey white
- 14 Liver colour: grey white
- 15 Liver colour: grey white
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: grey white
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: grey white
- 18 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: grey white
- 19 Liver colour: grey white
- 20 Liver colour: grey white
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red white
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour:red white
- 23 Liver colour: grey white
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: grey white
- 25 Liver colour: grey white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **92B Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20041004** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 2 | 1473 | 510 | 57,1 | 67,2 | 59,0 | 0.0392 | 6.77 | <0.02 | 19.8 | <2 | <2 | 5.6 | 2.4 | 7.5 | 13 | 18 | <2 | 4.5 | <2 | <51 | <53 | | | | |
| 2/1 | M | 3 | 1905 | 600 | 25,9 | 41,4 | 27,0 | 0.123 | 7.38 | <0.02 | 34.3 | <2 | <2 | 4.4 | 2.4 | 8.2 | 18 | 30 | <2 | 6.8 | <2 | <69 | <72 | | | | |
| 3/1 | F | 3 | 1765 | 580 | 87,5 | 75,6 | 74,0 | 0.0178 | 2.61 | <0.02 | 15.1 | 2.9 | 6.8 | 17 | 5.0 | 16 | 27 | 30 | 2.5 | 6.7 | <2 | 106 | <116 | | | | |
| 4/1 | F | 3 | 1677 | 570 | 55,3 | 58,0 | 50,0 | 0.0229 | 1.91 | <0.02 | 12.7 | 3.6 | 9.2 | 28 | 7.2 | 24 | 46 | 49 | 4.4 | 11 | <2 | 171 | <184 | | | | |
| 5/1 | F | 4 | 2040 | 615 | 75,8 | 67,6 | 61,0 | 0.0414 | 5.29 | <0.02 | 19.1 | 5.6 | 14 | 37 | 9.4 | 35 | 56 | 59 | 4.3 | 12 | <2 | 219 | <234 | | | | |
| 6/1 | M | 3 | 1845 | 550 | 91,6 | 68,3 | 61,0 | 0.013 | 3.81 | <0.02 | 14.2 | <2 | 2.1 | 6.7 | 2.8 | 8.6 | 15 | 19 | <2 | 4.0 | <2 | <57 | <60 | | | | |
| 7/1 | M | 4 | 2603 | 660 | 118,5 | 70,9 | 61,0 | 0.017 | 2.19 | <0.02 | 15.5 | 4.9 | 12 | 26 | 6.8 | 24 | 36 | 38 | 3.2 | 7.3 | <2 | 148 | <160 | | | | |
| 8/1 | M | 2 | 1813 | 550 | 73,4 | 66,5 | 61,0 | 0.0534 | 5.49 | <0.02 | 17.8 | <2 | 3.9 | 10 | 3.6 | 11 | 19 | 25 | <2 | 5.7 | <2 | <77 | <80 | | | | |
| 9/1 | F | 4 | 2392 | 620 | 137,8 | 75,4 | 71,0 | 0.016 | 3.82 | <0.02 | 15.6 | <2 | 2.6 | 7.7 | 2.9 | 9.1 | 15 | 21 | <2 | 4.9 | <2 | <62 | <65 | | | | |
| 10/ | F | 4 | 2019 | 620 | 172,4 | 81,4 | 76,0 | 0.0034 | 1.10 | <0.02 | 10.4 | 2.4 | 4.3 | 11 | 2.9 | 9.9 | 16 | 17 | <2 | 3.7 | <2 | 64 | <69 | | | | |
| 11/ | M | 2 | 1611 | 510 | 80,4 | 74,1 | 65,0 | 0.015 | 6.65 | <0.02 | 17.3 | <2 | 2.3 | 6.4 | 2.2 | 6.4 | 13 | 16 | <2 | 3.6 | <2 | <50 | <52 | | | | |
| 12/ | M | 4 | 1852 | 575 | 63,5 | 60,2 | 49,0 | 0.02 | 2.11 | <0.02 | 21.6 | <2 | <2 | 3.2 | 5.9 | 20 | 31 | 50 | 2.9 | 14 | <2 | <120 | <129 | | | | |
| 13/ | F | 5 | 2040 | 610 | 49,1 | 62,6 | 54,0 | 0.0295 | 5.15 | <0.02 | 22.4 | 2.9 | 7.5 | 33 | 12 | 38 | 68 | 110 | 4.6 | 23 | <2 | 282 | <301 | | | | |
| 14/ | M | 5 | 2259 | 580 | 83,5 | 56,5 | 50,0 | 0.0425 | 1.33 | <0.02 | 21.9 | <2 | <2 | 3.1 | 6.0 | 19 | 32 | 52 | 2.8 | 14 | <2 | <122 | <131 | | | | |
| 15/ | F | 6 | 3197 | 695 | 167,7 | 78,1 | 71,0 | 0.0215 | 2.88 | <0.02 | 11.3 | 4.1 | 9.3 | 25 | 6.9 | 26 | 38 | 41 | 4.0 | 9.1 | <2 | 153 | <165 | | | | |
| 16/ | M | 3 | 1578 | 530 | 62,8 | 62,3 | 55,0 | 0.0207 | 4.05 | <0.02 | 19.2 | <2 | 3.0 | 8.5 | 3.0 | 9.8 | 17 | 23 | <2 | 4.8 | <2 | <68 | <71 | | | | |
| 17/ | M | 4 | 1643 | 545 | 28,9 | 49,4 | 38,0 | 0.0926 | 2.46 | <0.02 | 22.3 | <2 | <2 | 11 | 11 | 34 | 58 | 100 | 5.7 | 29 | <2 | <234 | <251 | | | | |
| 18/ | F | 4 | 2473 | 650 | 182,2 | 79,9 | 76,0 | 0.014 | 2.19 | <0.02 | 11.9 | 3.7 | 33 | 23 | 6.2 | 21 | 38 | 42 | 5.1 | 9.0 | <2 | 170 | <183 | | | | |
| 19/ | M | 4 | 1977 | 620 | 54,3 | 69,7 | 65,0 | 0.118 | 3.25 | <0.02 | 18.5 | 2.2 | 4.3 | 12 | 5.6 | 19 | 35 | 54 | 3.2 | 15 | <2 | 142 | <152 | | | | |
| 20/ | F | 6 | 2622 | 670 | 122,2 | 74,5 | 70,0 | 0.0208 | 4.12 | <0.02 | 17.4 | 2.2 | 5.8 | 17 | 5.3 | 17 | 34 | 41 | 3.4 | 9.3 | <2 | 126 | <137 | | | | |
| 21/ | M | 4 | 3197 | 660 | 153,4 | 70,3 | 64,0 | 0.0242 | 2.93 | <0.02 | 16.1 | 3.2 | 8.9 | 21 | 5.1 | 20 | 29 | 30 | 2.7 | 6.4 | <2 | 119 | <128 | | | | |
| 22/ | F | 7 | 3445 | 690 | 140,5 | 68,7 | 61,0 | 0.0834 | 3.67 | <0.02 | 18.0 | 3.1 | 6.2 | 15 | 5.2 | 17 | 26 | 28 | 2.0 | 6.5 | <2 | 102 | <111 | | | | |
| 23/ | F | 5 | 3224 | 670 | 134,2 | 67,2 | 61,0 | 0.0344 | 5.95 | <0.02 | 17.9 | 2.6 | 5.5 | 16 | 5.6 | 18 | 32 | 36 | 2.7 | 8.5 | <2 | 119 | <129 | | | | |
| 24/ | U | 3 | 3671 | 720 | 230,8 | 78,7 | 72,0 | 0.012 | 4.64 | <0.02 | 17.1 | 2.7 | 6.3 | 18 | 5.1 | 16 | 29 | 32 | 2.7 | 7.2 | <2 | 111 | <121 | | | | |
| 25/ | F | 5 | 3091 | 700 | 80,1 | 62,9 | 56,0 | 0.645 | 7.93 | <0.02 | 25.8 | 4.2 | 9.8 | 34 | 12 | 38 | 66 | 88 | 6.4 | 20 | <2 | 260 | <280 | | | | |
| Mean | | 4 | 2296 | 612 | 101,2 | 67,5 | 60,3 | 0,06 | 3,99 | <<0.02 | 18,1 | <<2.8 | <6.7 | 16,0 | 5,7 | 18,9 | 32,3 | 42,0 | <<3.1 | 9,8 | <<2.0 | <<128 | <<137 | | | | |
| Minimum | | 2 | 1473 | 510 | 25,9 | 41,4 | 27,0 | 0,00 | 1,10 | <0.02 | 10,4 | <2.0 | <2.0 | 3,1 | 2,2 | 6,4 | 13,0 | 16,0 | <2.0 | 3,6 | <2.0 | <50 | <52 | | | | |
| Maximum | | 7 | 3671 | 720 | 230,8 | 81,4 | 76,0 | 0,65 | 7,93 | <0.02 | 34,3 | 5,6 | 33,0 | 37,0 | 12,0 | 38,0 | 68,0 | 110,0 | 6,4 | 29,0 | <2.0 | 282 | <301 | | | | |
| St.Dev | | 1 | 659 | 61 | 52,4 | 9,5 | 11,6 | 0,13 | 1,92 | ~0.00 | 5,0 | ~1.0 | ~6.5 | 10,1 | 2,9 | 9,5 | 16,1 | 25,0 | ~1.3 | 6,4 | ~0.0 | ~65 | ~70 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | 2 |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 1473 | 510 | 3.6 | 22.6 | <2 | <2 | <2.0 | 8.0 | miss | <1 |
| 2/1 | M | 3 | 1905 | 600 | 3.2 | 25.2 | <2 | <2 | <2.0 | 5.2 | <1 | <1 |
| 3/1 | F | 3 | 1765 | 580 | 11 | 55.0 | 2.1 | <2 | <4.1 | 12 | <1 | <1 |
| 4/1 | F | 3 | 1677 | 570 | 18 | 88.0 | <2 | <2 | <2.0 | 13 | <1 | <1 |
| 5/1 | F | 4 | 2040 | 615 | 32 | 120.0 | <2 | <2 | <2.0 | 21 | miss | <1 |
| 6/1 | M | 3 | 1845 | 550 | 4.1 | 26.1 | <2 | <2 | <2.0 | 6.1 | miss | <1 |
| 7/1 | M | 4 | 2603 | 660 | 21 | 93.0 | <2 | <2 | <2.0 | 18 | miss | <1 |
| 8/1 | M | 2 | 1813 | 550 | 5.7 | 35.7 | <2 | <2 | <2.0 | 9.7 | <1 | <1 |
| 9/1 | F | 4 | 2392 | 620 | 5.3 | 32.3 | <2 | <2 | <2.0 | 7.7 | miss | <1 |
| 10/ | F | 4 | 2019 | 620 | 6.6 | 31.6 | <2 | <2 | <2.0 | 10 | <1 | <1 |
| 11/ | M | 2 | 1611 | 510 | 3.6 | 19.6 | <2 | <2 | <2.0 | 7.6 | miss | <1 |
| 12/ | M | 4 | 1852 | 575 | 3.3 | 59.3 | <2 | <2 | <2.0 | 12 | miss | <1 |
| 13/ | F | 5 | 2040 | 610 | 14 | 92.0 | <2 | <2 | <2.0 | 11 | miss | <1 |
| 14/ | M | 5 | 2259 | 580 | 4.0 | 53.0 | <2 | <2 | <2.0 | 8.0 | miss | <1 |
| 15/ | F | 6 | 3197 | 695 | 23 | 87.0 | <2 | <2 | <2.0 | 14 | miss | <1 |
| 16/ | M | 3 | 1578 | 530 | 5.0 | 30.0 | <2 | <2 | <2.0 | 6.1 | <1 | <1 |
| 17/ | M | 4 | 1643 | 545 | 7.3 | 103.3 | <2 | <2 | <2.0 | 7.3 | miss | 1.0 |
| 18/ | F | 4 | 2473 | 650 | 18 | 77.0 | <2 | <2 | <2.0 | 13 | miss | <1 |
| 19/ | M | 4 | 1977 | 620 | 8.6 | 50.6 | <2 | <2 | <2.0 | 9.8 | miss | <1 |
| 20/ | F | 6 | 2622 | 670 | 10 | 58.0 | <2 | <2 | <2.0 | 9.1 | miss | <1 |
| 21/ | M | 4 | 3197 | 660 | 17 | 74.0 | <2 | <2 | <2.0 | 13 | miss | <1 |
| 22/ | F | 7 | 3445 | 690 | 15 | 68.0 | <2 | <2 | <2.0 | 12 | miss | <1 |
| 23/ | F | 5 | 3224 | 670 | 13 | 69.0 | <2 | <2 | <2.0 | 7.8 | miss | <1 |
| 24/ | U | 3 | 3671 | 720 | 13 | 63.0 | <2 | <2 | <2.0 | 9.7 | miss | <1 |
| 25/ | F | 5 | 3091 | 700 | 22 | 142.0 | <2 | <2 | <2.0 | 13 | miss | 1.2 |
| Mean | | 4 | 2296 | 612 | 11,5 | 63,0 | <<2.0 | <<2.0 | <<2.1 | 10,6 | <<1.0 | <<1.0 |
| Minimum | | 2 | 1473 | 510 | 3,2 | 19,6 | <2.0 | <2.0 | <2.0 | 5,2 | <1.0 | <1.0 |
| Maximum | | 7 | 3671 | 720 | 32,0 | 142,0 | 2,1 | <2.0 | <4.1 | 21,0 | <1.0 | 1,2 |
| St.Dev | | 1 | 659 | 61 | 7,7 | 32,2 | ~0.0 | ~0.0 | ~0.4 | 3,7 | ~0.0 | ~0.0 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 6 | 25 |

miss(19) ! Missing value

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Comments

Station: Stokken area Fish no 1-8 and 16-21 sampled 04-10-2004 at 30m

Fish no 9-15 sampled 06-10-2004 L. 64.10.60 9.54.03 at 45m Fish no 22-25 sampled 11-10-2004 L.64.11.10 9.54.90 at 60m

sample no.

- 1 Muscle with signs of inner bleeding Age uncertain
Liver colour: yellow red
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red yellow
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 4 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 5 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: red yellow
- 6 Age uncertain Liver colour: red yellow
- 7 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: yellow red
- 8 Age uncertain Liver colour: yellow red
- 9 Age uncertain Liver colour: yellow
- 10 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: white red yellow
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 12 Age uncertain Liver colour: red yellow
- 13 Age uncertain Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Liver and/or intestinal guts with larvae of Anisakis simplex
Skin a/o oral cavity w.caligiform a/o Lernaeop. copepods Liver colour: yellow red
- 14 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red yellow
- 15 Liver colour: red yellow
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: red yellow
- 17 Liver colour: red yellow
- 18 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow grey
- 22 Age uncertain Liver colour: red grey
- 23 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 24 Liver colour: red yellow
- 25 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: yellow grey

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **92B Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20051008** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 4 | 4250 | 700 | 194,3 | 67,0 | 34,8 | 0.017 | 3.39 | <0.02 | 14.4 | 1.9 | 4.0 | 9.5 | 3.1 | 10 | 15 | 17 | s1.1 | 2.9 | <0.8 | 60 | s<65 | | | | |
| 2/1 | F | 3 | 3550 | 675 | 264,0 | 69,0 | 62,3 | 0.005 | 2.70 | <0.02 | 11.8 | 1.4 | 2.1 | 3.8 | 1.1 | 4.3 | 6.3 | 7.2 | <1 | 1.2 | <1 | 26 | <28 | | | | |
| 3/1 | F | 3 | 2700 | 630 | 92,0 | 52,0 | 42,3 | 0.032 | 2.02 | <0.02 | 11.4 | 1.4 | 3.5 | 8.6 | 3.5 | 12 | 22 | 31 | s1.2 | 5.3 | <0.6 | 84 | s<89 | | | | |
| 4/1 | M | 3 | 2500 | 650 | 129,9 | 74,0 | 69,0 | 0.016 | 2.62 | <0.02 | 10.3 | 4.4 | 10 | 27 | 7.6 | 25 | 46 | 57 | s3.2 | 9.5 | <0.6 | 179 | s<190 | | | | |
| 5/1 | M | 4 | 2200 | 600 | 78,2 | 57,0 | 50,3 | 0.019 | 2.20 | <0.02 | 14.7 | 1.5 | 3.5 | 6.4 | 1.9 | 6.7 | 9.6 | 11 | <0.6 | 1.8 | <0.6 | 41 | <43 | | | | |
| 6/1 | M | 4 | 2400 | 575 | 101,4 | 65,0 | 59,6 | 0.017 | 5.13 | <0.02 | 15.0 | 1.8 | 3.9 | 8.3 | 2.8 | 10 | 15 | 19 | s1.0 | 3.1 | <0.6 | 61 | s<66 | | | | |
| 7/1 | M | 3 | 2600 | 580 | 154,0 | 66,0 | 64,3 | 0.007 | 4.25 | <0.02 | 14.1 | 1.6 | 3.0 | 5.6 | 1.6 | 6.5 | 9.4 | 11 | <1 | 2.1 | <1 | 39 | <42 | | | | |
| 8/1 | M | 3 | 2400 | 585 | 94,6 | 54,0 | 50,9 | 0.024 | 4.60 | <0.02 | 14.8 | 1.7 | 3.5 | 7.6 | 2.6 | 9.6 | 14 | 21 | s0.97 | 3.9 | <0.6 | 61 | s<65 | | | | |
| 9/1 | M | 3 | 1850 | 545 | 82,8 | 65,0 | 58,6 | 0.015 | 4.34 | <0.02 | 16.2 | 0.84 | 1.8 | 3.9 | 1.2 | 4.4 | 7.5 | 9.7 | <0.6 | 2.0 | <0.6 | 30 | <32 | | | | |
| 10/ | M | 2 | 1250 | 485 | 27,6 | 54,0 | 47,9 | 0.024 | 7.47 | <0.02 | 21.8 | 1.2 | 2.3 | 6.6 | 2.6 | 9.3 | 17 | 26 | s1.4 | 4.9 | <0.8 | 67 | s<72 | | | | |
| 11/ | F | 3 | 1350 | 500 | 19,2 | 33,0 | 20,6 | 0.108 | 3.77 | <0.02 | 26.1 | 0.99 | 2.6 | 7.9 | 3.4 | 12 | 21 | 34 | s1.4 | 7.4 | <0.4 | 86 | s<91 | | | | |
| 12/ | F | 2 | 1200 | 475 | 18,4 | 41,0 | 30,5 | 0.041 | 13.8 | <0.02 | 25.3 | <0.6 | 1.0 | 2.2 | 1.7 | 6.4 | 11 | 18 | s0.76 | 3.9 | <0.6 | <43 | s<46 | | | | |
| 13/ | F | 2 | 1100 | 460 | 15,4 | 53,0 | 43,1 | 0.036 | 3.29 | <0.02 | 19.3 | 0.74 | 1.3 | 2.6 | 1.5 | 6.0 | 8.8 | 18 | s0.82 | 3.8 | <0.6 | 41 | s<44 | | | | |
| 14/ | M | 3 | 1050 | 430 | 18,6 | 53,0 | 46,0 | 0.026 | 5.32 | <0.02 | 19.0 | 1.1 | 2.0 | 4.5 | 1.7 | 5.4 | 10 | 15 | s0.88 | 2.9 | <0.6 | 41 | s<44 | | | | |
| 15/ | F | 3 | 1750 | 520 | 52,1 | 58,0 | 53,0 | 0.026 | 6.12 | <0.02 | 19.9 | 0.89 | 1.6 | 3.4 | 1.5 | 5.5 | 8.3 | 15 | s0.83 | 3.1 | <0.6 | 38 | s<41 | | | | |
| 16/ | F | 3 | 1450 | 500 | 23,3 | 41,0 | 29,0 | 0.039 | 8.48 | <0.02 | 26.1 | 0.81 | 1.3 | 4.0 | 1.9 | 6.2 | 12 | 22 | 1.0 | 4.8 | <0.6 | 51 | <55 | | | | |
| 17/ | F | 4 | 1800 | 575 | 38,5 | 55,0 | 49,0 | 0.040 | 4.42 | <0.02 | 16.3 | 3.1 | 8.7 | 17 | 5.0 | 18 | 28 | 38 | s1.9 | 6.9 | <0.6 | 120 | s<127 | | | | |
| 18/ | F | 2 | 2050 | 540 | 84,7 | 59,0 | 52,0 | 0.015 | 8.20 | <0.02 | 17.9 | 0.75 | 1.4 | 3.8 | 1.4 | 4.4 | 8.6 | 12 | s0.72 | 2.5 | <0.6 | 33 | s<36 | | | | |
| 19/ | F | 4 | 2500 | 605 | 115,3 | 64,0 | 59,0 | 0.020 | 4.16 | <0.02 | 12.2 | 2.6 | 5.3 | 11 | 2.9 | 12 | 17 | 21 | 1.7 | 3.5 | <0.6 | 72 | <78 | | | | |
| 20/ | F | 4 | 3000 | 655 | 87,3 | 60,0 | 56,0 | 0.039 | 5.16 | <0.02 | 19.8 | 3.5 | 9.8 | 17 | 4.6 | 18 | 26 | 33 | s2.1 | 5.5 | <0.8 | 113 | s<120 | | | | |
| 21/ | F | 4 | 1150 | 495 | 11,1 | 19,0 | 5,8 | 0.086 | 6.32 | <0.02 | 38.5 | 0.34 | 0.32 | 1.6 | 1.6 | 5.3 | 8.7 | 18 | s0.72 | 3.8 | 0.10 | 38 | s40 | | | | |
| 22/ | F | 3 | 1400 | 485 | 40,1 | 63,0 | 59,0 | 0.009 | 4.21 | <0.02 | 17.8 | 1.0 | 1.8 | 3.2 | 0.98 | 3.6 | 4.8 | 6.4 | <0.8 | 1.2 | <0.8 | 22 | <24 | | | | |
| 23/ | M | 3 | 1350 | 505 | 45,4 | 57,0 | 52,0 | 0.018 | 5.67 | <0.02 | 18.4 | 1.0 | 2.0 | 4.5 | 1.5 | 5.8 | 8.8 | 13 | 0.73 | 2.2 | <0.6 | 37 | <40 | | | | |
| 24/ | F | 4 | 3800 | 680 | 241,9 | 59,0 | 54,0 | 0.025 | 5.18 | <0.02 | 19.4 | 1.6 | 3.5 | 7.0 | 1.9 | 7.3 | 10 | 13 | 0.89 | 2.5 | <0.6 | 45 | <48 | | | | |
| 25/ | F | 5 | 3800 | 615 | 278,7 | 80,0 | 61,0 | 0.012 | 4.78 | <0.02 | 15.3 | 1.4 | 3.3 | 6.3 | 1.9 | 6.4 | 9.5 | 12 | <1 | 2.3 | <1 | 41 | <44 | | | | |
| Mean | | 3 | 2178 | 563 | 92,3 | 56,7 | 48,4 | 0,03 | 5,10 | <<0.02 | 18,2 | <1.5 | 3,3 | 7,3 | 2,5 | 8,8 | 14,2 | 19,9 | <<0.9 | 3,7 | <<0.7 | <59 | <<43 | | | | |
| Minimum | | 2 | 1050 | 430 | 11,1 | 19,0 | 5,8 | 0,01 | 2,02 | <0.02 | 10,3 | 0,3 | 0,3 | 1,6 | 1,0 | 3,6 | 4,8 | 6,4 | <0.6 | 1,2 | 0,1 | 22 | <24 | | | | |
| Maximum | | 5 | 4250 | 700 | 278,7 | 80,0 | 69,0 | 0,11 | 13,80 | <0.02 | 38,5 | 4,4 | 10,0 | 27,0 | 7,6 | 25,0 | 46,0 | 57,0 | 1,7 | 9,5 | <1.0 | 179 | <78 | | | | |
| St.Dev | | 1 | 938 | 76 | 79,1 | 12,9 | 14,7 | 0,02 | 2,47 | ~0.00 | 6,0 | ~1.0 | 2,6 | 5,7 | 1,5 | 5,1 | 9,0 | 11,4 | ~0.3 | 2,0 | ~0.2 | ~35 | ~15 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 10 | 25 | 25 | 25 | 10 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|--------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam. rep | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 4 | 4250 | 700 | 5.8 | 9.1 | 48.9 | 1.6 | 0.96 | 2.6 | 8.8 | <0.4 | 0.63 |
| 2/1 | F | 3 | 3550 | 675 | <3 | 3.2 | <17.2 | <1 | <1 | <1.0 | 5.2 | <0.5 | <0.6 |
| 3/1 | F | 3 | 2700 | 630 | 6.2 | 8.3 | 57.5 | 0.97 | <0.6 | <1.6 | 5.3 | <0.3 | 0.66 |
| 4/1 | M | 3 | 2500 | 650 | 25 | 28 | 153.0 | 2.0 | 1.2 | 3.2 | 17 | <0.3 | 1.4 |
| 5/1 | M | 4 | 2200 | 600 | 5.2 | 6.3 | 35.5 | 1.2 | 0.72 | 1.9 | 7.2 | <0.3 | <0.6 |
| 6/1 | M | 4 | 2400 | 575 | 7.4 | 10 | 51.4 | 1.5 | 0.88 | 2.4 | 7.3 | <0.3 | <0.6 |
| 7/1 | M | 3 | 2600 | 580 | 3.8 | 4.8 | 23.6 | 1.7 | 1.1 | 2.8 | 6.2 | <0.5 | <0.6 |
| 8/1 | M | 3 | 2400 | 585 | 6.0 | 7.6 | 42.6 | 1.4 | 1.0 | 2.4 | 7.4 | <0.3 | 0.61 |
| 9/1 | M | 3 | 1850 | 545 | 2.4 | 3.0 | 15.4 | 1.4 | 0.92 | 2.3 | 4.7 | <0.3 | <0.6 |
| 10/ | M | 2 | 1250 | 485 | 2.9 | 4.2 | 30.1 | 1.3 | 0.79 | 2.1 | 5.3 | <0.4 | <0.6 |
| 11/ | F | 3 | 1350 | 500 | 3.5 | 7.3 | 49.8 | 0.54 | <0.4 | <0.9 | 4.0 | <0.2 | <0.6 |
| 12/ | F | 2 | 1200 | 475 | <2 | 2.0 | <15.0 | 0.94 | <0.6 | <1.5 | 4.7 | <0.3 | <0.6 |
| 13/ | F | 2 | 1100 | 460 | <2 | 2.3 | <15.3 | 1.2 | 0.77 | 2.0 | 6.4 | <0.3 | <0.6 |
| 14/ | M | 3 | 1050 | 430 | <2.5 | 2.9 | <18.4 | 1.2 | 0.84 | 2.0 | 5.2 | <0.3 | <0.6 |
| 15/ | F | 3 | 1750 | 520 | <2.5 | 2.2 | <16.7 | 1.2 | 0.82 | 2.0 | 6.3 | <0.3 | <0.6 |
| 16/ | F | 3 | 1450 | 500 | <2.5 | 3.3 | <24.8 | 0.65 | <0.6 | <1.3 | 4.8 | <0.3 | <0.6 |
| 17/ | F | 4 | 1800 | 575 | 9.7 | 16 | 102.7 | 0.99 | 0.67 | 1.7 | 15 | <0.3 | 1.1 |
| 18/ | F | 2 | 2050 | 540 | <2.5 | 2.5 | <17.0 | 1.1 | 0.78 | 1.9 | 4.4 | <0.3 | <0.6 |
| 19/ | F | 4 | 2500 | 605 | 5.9 | 10 | 53.9 | 1.3 | 0.87 | 2.2 | 9.5 | <0.3 | <0.6 |
| 20/ | F | 4 | 3000 | 655 | 10 | 15 | 97.0 | 1.1 | <0.8 | <1.9 | 18 | <0.4 | 1.2 |
| 21/ | F | 4 | 1150 | 495 | <0.3 | 2.0 | <17.3 | 0.11 | 0.08 | 0.2 | 1.3 | <0.05 | 0.19 |
| 22/ | F | 3 | 1400 | 485 | <3.2 | 2.5 | <14.6 | 1.3 | 0.85 | 2.2 | 5.2 | <0.4 | <0.8 |
| 23/ | M | 3 | 1350 | 505 | <2.5 | 3.1 | <20.6 | 1.1 | 0.72 | 1.8 | 6.0 | <0.3 | <0.6 |
| 24/ | F | 4 | 3800 | 680 | 4.5 | 7.5 | 36.0 | 1.1 | 0.77 | 1.9 | 8.2 | <0.3 | <0.6 |
| 25/ | F | 5 | 3800 | 615 | 3.4 | 5.6 | 31.0 | 1.4 | <1 | <2.4 | 5.8 | <0.5 | <1 |
| Mean | | 3 | 2178 | 563 | <<5.0 | 6,7 | <<40.2 | <1.2 | <<0.8 | <<1.9 | 7,2 | <<0.3 | <<0.7 |
| Minimum | | 2 | 1050 | 430 | <0.3 | 2,0 | <14.6 | 0,1 | 0,1 | 0,2 | 1,3 | <0.1 | 0,2 |
| Maximum | | 5 | 4250 | 700 | 25,0 | 28,0 | 153,0 | 2,0 | 1,2 | 3,2 | 18,0 | <0.5 | 1,4 |
| St.Dev | | 1 | 938 | 76 | ~4.8 | 5,9 | ~33.5 | ~0.4 | ~0.2 | ~0.6 | 4,0 | ~0.1 | ~0.2 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

s/q(30) ! Suspect value

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Comments

Station: Stokken area Fish no 1-20 sampled 27.09.2005 36m
Fish no 21-25 sampled 8.10.2005 28m water temp.10.3 C

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow red. Part sample = 52,43g
- 2 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red. Part sample = 58,99g
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow red
- 5 Liver colour: yellow red
- 6 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 7 Liver colour: yellow red. Part sample = 54,4g
- 8 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 9 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 10 Liver colour = yellow
- 11 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow
- 12 Liver colour: Yellow
- 13 Liver colour: yellow red
- 14 Signs of mechanical damage (e.g., net wounds) Liver colour: yellow
- 15 Liver colour: red yellow
- 16 Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 17 Liver colour: yellow red
- 18 Liver colour: yellow
- 19 Liver colour: yellow
- 20 Liver colour: yellow red green
- 21 Liver colour: red brown
- 22 Liver colour: yellow red
- 23 Liver colour: red brown
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: Yellow red. Part sample = 51,75g
- 25 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red. Part sample = 50,84g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch, date : **20021222** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | 0.01 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 1756 | 560 | 54,5 | 75,0 | 64,5 | 0.109 | 11.1 | <0.01 | 24.5 | <2.0 | 3.4 | 13 | 5.6 | 13 | 20 | 32 | <2.0 | 8.5 | <2.0 | <92 | <98 | |
| 2/1 | M | 6 | 3416 | 720 | 64,7 | 75,1 | 65,0 | 0.112 | 9.25 | <0.01 | 22.9 | 3.9 | 11 | 23 | 8.4 | 20 | 35 | 55 | <2.0 | 10 | <2.0 | 158 | <168 | |
| 3/1 | F | 6 | 3663 | 690 | 55,8 | 82,0 | 72,8 | 0.0313 | 4.91 | 0.01 | 15.0 | <2.0 | 3.2 | 11 | 2.8 | 6.3 | 9.8 | 14 | <2.0 | 3.8 | <2.0 | <50 | <53 | |
| 4/1 | M | 6 | 3049 | 640 | 63,2 | 69,3 | 56,7 | 0.0291 | 6.04 | <0.01 | 19.4 | <2.0 | 2.2 | 8.7 | 3.7 | 8.9 | 15 | 27 | <2.0 | 8.0 | <2.0 | <72 | <76 | |
| 5/1 | M | 4 | 2067 | 590 | 64,0 | 80,6 | 70,1 | 0.0341 | 10.9 | <0.01 | 20.3 | <2.0 | 3.8 | 11 | 3.2 | 7.1 | 12 | 15 | <2.0 | 3.6 | <2.0 | <55 | <58 | |
| 6/1 | F | 6 | 3036 | 640 | 69,1 | 70,0 | 56,3 | 0.0216 | 3.73 | <0.01 | 13.3 | 2.3 | s12 | 13 | 4.0 | 7.4 | 11 | 14 | <2.0 | 3.3 | <2.0 | s63 | s<69 | |
| 7/1 | M | 5 | 2262 | 580 | 65,5 | 72,1 | 59,9 | 0.0464 | 15.0 | <0.01 | 27.2 | <2.0 | 3.2 | 7.4 | 3.4 | 7.7 | 10 | 20 | <2.0 | 4.3 | <2.0 | <55 | <58 | |
| 8/1 | M | 5 | 3483 | 680 | 92,6 | 80,4 | 68,7 | 0.0274 | 3.97 | <0.01 | 12.2 | 2.7 | 8.1 | 18 | 5.7 | 12 | 17 | 20 | <2.0 | 5.0 | <2.0 | 83 | <91 | |
| 9/1 | M | 7 | 4219 | 700 | 87,1 | 86,7 | 77,4 | 0.0381 | 1.42 | <0.01 | 6.30 | 3.0 | 7.9 | 19 | 6.4 | 13 | 16 | 18 | <2.0 | 4.3 | <2.0 | 81 | <90 | |
| 10/ | M | 4 | 2051 | 570 | 75,4 | 79,8 | 69,3 | 0.0446 | 7.96 | <0.01 | 17.3 | <2.0 | 5.5 | 12 | 3.4 | 7.5 | 10 | 14 | <2.0 | 3.3 | <2.0 | <54 | <58 | |
| 11/ | F | 5 | 2150 | 640 | 101,4 | 77,9 | 66,3 | 0.0175 | 4.70 | <0.01 | 14.2 | <2.0 | 3.9 | 10 | 2.1 | 4.4 | 6.4 | 8.2 | <2.0 | 2.2 | <2.0 | <37 | <39 | |
| 12/ | M | 6 | 3245 | 670 | 84,3 | 79,6 | 63,6 | 0.0269 | 3.98 | <0.01 | 16.8 | 3.2 | 8.6 | 21 | 6.7 | 16 | 27 | 39 | <2.0 | 7.1 | <2.0 | 122 | <131 | |
| 13/ | F | 5 | 3055 | 650 | 109,3 | 81,6 | 72,7 | 0.019 | 6.12 | <0.01 | 18.5 | <2.0 | 3.7 | 11 | 2.0 | 4.4 | 6.2 | 8.6 | <2.0 | 2.0 | <2.0 | <38 | <40 | |
| 14/ | F | 6 | 3354 | 670 | 94,2 | 69,4 | 59,8 | 0.0409 | 11.5 | <0.01 | 26.4 | 3.4 | 4.4 | 12 | 3.7 | 7.7 | 11 | 14 | <2.0 | 3.8 | <2.0 | 56 | <62 | |
| 15/ | F | 6 | 3681 | 640 | 113,1 | 80,1 | 76,4 | 0.0214 | 4.66 | <0.01 | 10.9 | <2.0 | 4.8 | 12 | 2.9 | 5.7 | 8.3 | 9.9 | <2.0 | 2.3 | <2.0 | <45 | <48 | |
| 16/ | F | 8 | 4596 | 720 | 120,3 | 80,6 | 68,9 | 0.144 | 2.30 | <0.01 | 12.6 | 2.5 | 6.8 | 18 | 5.6 | 11 | 15 | 17 | <2.0 | 3.8 | <2.0 | 74 | <82 | |
| 17/ | M | 3 | 1127 | 520 | 70,4 | 74,3 | 65,0 | 0.0172 | 3.66 | <0.01 | 14.4 | 2.1 | 5.0 | 12 | 2.8 | 5.8 | 9.3 | 12 | <2.0 | 2.1 | <2.0 | 48 | <53 | |
| 18/ | F | 4 | 2211 | 600 | 74,0 | 82,6 | 77,6 | 0.0464 | 5.04 | <0.01 | 16.1 | <2.0 | 6.5 | 12 | 2.6 | 5.4 | 8.3 | 11 | <2.0 | 2.4 | <2.0 | <48 | <50 | |
| 19/ | M | 4 | 2934 | 610 | 59,6 | 90,7 | 77,7 | 0.012 | 6.06 | <0.01 | 7.73 | 2.4 | 7.1 | 15 | 3.7 | 6.9 | 9.4 | 12 | <2.0 | 2.4 | <2.0 | 55 | <61 | |
| 20/ | F | 6 | 3303 | 660 | 73,6 | 74,1 | 61,5 | 0.0186 | 0.703 | <0.01 | 18.1 | 4.1 | 9.6 | 29 | 16 | 42 | 72 | 96 | 4.6 | 20 | <2.0 | 273 | <295 | |
| 21/ | M | 6 | 3654 | 710 | 65,6 | 77,5 | 71,9 | 0.0221 | 4.09 | <0.01 | 11.4 | 3.8 | 10 | 27 | 8.0 | 18 | 30 | 39 | <2.0 | 8.2 | <2.0 | 136 | <146 | |
| 22/ | M | 5 | 3429 | 680 | 74,5 | 83,9 | 75,7 | 0.0220 | 5.86 | <0.01 | 12.1 | 3.6 | 7.3 | 17 | 4.4 | 9.3 | 13 | 16 | <2.0 | 3.5 | <2.0 | 70 | <76 | |
| 23/ | M | 6 | 3716 | 660 | 73,5 | 84,7 | 25,7 | 0.0172 | 6.55 | <0.01 | 13.0 | <1.0 | 2.1 | 5.7 | 1.6 | 3.6 | 5.6 | 7.3 | <1.0 | 1.6 | <1.0 | <27 | <29 | |
| 24/ | M | 5 | 2862 | 640 | 58,5 | 64,9 | 57,7 | 0.0761 | 3.39 | 0.01 | 19.5 | 7.1 | 20 | 64 | 42 | 100 | 100 | 130 | 10 | 25 | <2.0 | 446 | <500 | |
| 25/ | F | 10 | 5110 | 780 | 80,2 | 80,7 | 71,1 | 0.0330 | 0.693 | <0.01 | 7.87 | 2.5 | 7.0 | 17 | 5.9 | 11 | 14 | 15 | <2.0 | 3.4 | <2.0 | 70 | <78 | |
| Mean | | 6 | 3097 | 649 | 77,8 | 78,1 | 66,1 | 0,04 | 5,74 | <<0.01 | 15,9 | <<2.7 | 6,5 | 16,8 | 6,3 | 14,2 | 19,7 | 26,6 | <<2.4 | 5,8 | <<2.0 | <<94 | <<102 | |
| Minimum | | 3 | 1127 | 520 | 54,5 | 64,9 | 25,7 | 0,01 | 0,69 | <0.01 | 6,3 | <1.0 | 2,1 | 5,7 | 1,6 | 3,6 | 5,6 | 7,3 | <1.0 | 1,6 | <1.0 | <27 | <29 | |
| Maximum | | 10 | 5110 | 780 | 120,3 | 90,7 | 77,7 | 0,14 | 15,00 | 0,01 | 27,2 | 7,1 | 20,0 | 64,0 | 42,0 | 100,0 | 100,0 | 130,0 | 10,0 | 25,0 | <2.0 | 446 | <500 | |
| St.Dev | | 1 | 906 | 58 | 18,3 | 6,0 | 10,8 | 0,03 | 3,54 | ~0.00 | 5,6 | ~1.2 | 3,8 | 11,4 | 8,0 | 19,5 | 21,6 | 28,8 | ~1.7 | 5,6 | ~0.2 | ~91 | ~102 | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Sam. No. | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 1756 | 560 | 6.5 | 35.5 | 2.7 | 2.4 | 5.1 | 13 | 1.0 | <1.0 |
| 2/1 | M | 6 | 3416 | 720 | 22 | 106.0 | 3.1 | 2.7 | 5.8 | 14 | 1.6 | <1.0 |
| 3/1 | F | 6 | 3663 | 690 | 5.2 | 24.2 | 2.9 | 2.5 | 5.4 | 10 | <1.0 | <1.0 |
| 4/1 | M | 6 | 3049 | 640 | 3.9 | 28.9 | 2.2 | 2.0 | 4.2 | 9.4 | <1.0 | <1.0 |
| 5/1 | M | 4 | 2067 | 590 | 6.6 | 32.6 | <2.0 | <2.0 | <2.0 | 8.6 | <1.0 | <1.0 |
| 6/1 | F | 6 | 3036 | 640 | 13 | 48.0 | 2.4 | 2.2 | 4.6 | 9.8 | 1.1 | <1.0 |
| 7/1 | M | 5 | 2262 | 580 | 3.4 | 24.4 | 2.5 | 2.2 | 4.7 | 11 | 1.1 | <1.0 |
| 8/1 | M | 5 | 3483 | 680 | 16 | 72.0 | 2.5 | 2.2 | 4.7 | 11 | 1.3 | <1.0 |
| 9/1 | M | 7 | 4219 | 700 | 17 | 65.0 | 3.1 | <2.0 | <5.1 | 15 | 1.6 | <1.0 |
| 10/ | M | 4 | 2051 | 570 | 9.2 | 36.2 | 2.7 | 2.3 | 5.0 | 9.4 | 1.1 | <1.0 |
| 11/ | F | 5 | 2150 | 640 | 7.0 | 24.0 | 2.7 | 2.2 | 4.9 | 7.2 | <1.0 | <1.0 |
| 12/ | M | 6 | 3245 | 670 | 13 | 74.0 | 2.6 | <2.0 | <4.6 | 13 | 1.1 | <1.0 |
| 13/ | F | 5 | 3055 | 650 | 4.9 | 18.9 | 3.0 | 2.3 | 5.3 | 6.9 | <1.0 | <1.0 |
| 14/ | F | 6 | 3354 | 670 | 7.1 | 30.1 | 2.6 | 2.4 | 5.0 | 9.6 | <1.0 | <1.0 |
| 15/ | F | 6 | 3681 | 640 | 8.0 | 32.0 | 3.0 | 2.8 | 5.8 | 7.6 | <1.0 | <1.0 |
| 16/ | F | 8 | 4596 | 720 | 13 | 51.0 | 2.8 | <2.0 | <4.8 | 16 | 1.3 | <1.0 |
| 17/ | M | 3 | 1127 | 520 | 4.5 | 21.5 | 2.5 | 2.3 | 4.8 | 7.8 | <1.0 | <1.0 |
| 18/ | F | 4 | 2211 | 600 | 5.6 | 23.6 | 3.3 | 2.9 | 6.2 | 9.6 | <1.0 | <1.0 |
| 19/ | M | 4 | 2934 | 610 | 11 | 43.0 | 3.1 | 2.8 | 5.9 | 9.7 | 1.1 | <1.0 |
| 20/ | F | 6 | 3303 | 660 | 29 | 139.0 | 2.1 | <2.0 | <4.1 | 13 | <1.0 | 1.8 |
| 21/ | M | 6 | 3654 | 710 | 20 | 88.0 | 2.9 | 2.3 | 5.2 | 15 | 1.2 | 1.1 |
| 22/ | M | 5 | 3429 | 680 | 12 | 49.0 | 3.3 | 3.1 | 6.4 | 12 | 1.1 | <1.0 |
| 23/ | M | 6 | 3716 | 660 | 3.3 | 16.3 | 1.0 | <1.0 | <2.0 | 3.8 | <0.50 | <0.50 |
| 24/ | M | 5 | 2862 | 640 | 31 | 123.0 | 2.0 | <2.0 | <4.0 | 39 | 1.3 | 3.2 |
| 25/ | F | 10 | 5110 | 780 | 14 | 52.0 | 2.9 | <2.0 | <4.9 | 12 | 1.2 | <1.0 |
| Mean | 6 | 3097 | 649 | | 11,4 | 50,3 | <2.6 | <<2.3 | <<4.8 | 11,7 | <<1.1 | <<1.1 |
| Minimum | 3 | 1127 | 520 | | 3,3 | 16,3 | 1,0 | <1.0 | <2.0 | 3,8 | <0.5 | <0.5 |
| Maximum | 10 | 5110 | 780 | | 31,0 | 139,0 | 3,3 | 3,1 | 6,4 | 39,0 | 1,6 | 3,2 |
| St.Dev | 1 | 906 | 58 | | 7,6 | 33,3 | ~0.5 | ~0.4 | ~1.0 | 6,4 | ~0.2 | ~0.5 |
| Count | 25 | 25 | 25 | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

s/q(3) ! Suspect value

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Comments

Station: Lille Molla Fished between 15.-22. des 2002

sample no.

1 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
2 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
3 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
4 Liver colour: white
5 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
6 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white
7 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
8 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
9 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
10 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
11 Liver colour: yellow/white
12 Liver colour: white
13 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white
14 Liver colour: white
15 Liver colour: white
16 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
17 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
18 Liver colour: white
19 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
20 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
21 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
22 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: white
23 Liver colour: white
24 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white
25 Liver colour: white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20031231** Count: 21 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | 0.01 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 3 | 1338 | 505 | 65,3 | 69,5 | 66,0 | 0.0206 | 3.77 | <0.02 | 16.5 | <3 | 5.6 | 13 | 4.3 | 11 | 17 | 23 | <3 | 4.8 | <3 | <77 | <82 | |
| 2/1 | M | 3 | 1651 | 530 | 44,6 | 61,0 | 55,0 | 0.0906 | 16.9 | <0.02 | 26.0 | <3 | 6.7 | 20 | 11 | 32 | 58 | 88 | 4.1 | 20 | <3 | <228 | <243 | |
| 3/1 | F | 3 | 2929 | 610 | 161,1 | 54,8 | 51,0 | 0.0245 | 2.45 | <0.02 | 12.9 | <3 | 3.1 | 8.0 | 3.0 | 7.7 | 13 | 18 | <3 | 4.1 | <3 | <57 | <60 | |
| 4/1 | F | 4 | 2488 | 590 | 170,5 | 60,1 | 55,0 | 0.0098 | 3.85 | <0.02 | 19.0 | 3.0 | 7.2 | 17 | 5.9 | 14 | 23 | 29 | <3 | 5.8 | <3 | 99 | <108 | |
| 5/1 | M | 5 | 3023 | 680 | 190,8 | 73,6 | 67,0 | 0.012 | 4.65 | <0.02 | 13.0 | <3 | 6.9 | 16 | 6.2 | 15 | 23 | 30 | <3 | 6.4 | <3 | <100 | <107 | |
| 6/1 | F | 5 | 2747 | 615 | 142,8 | 60,6 | 53,0 | 0.0483 | 4.97 | <0.02 | 22.9 | <3 | 5.9 | 14 | 4.0 | 9.6 | 18 | 22 | <3 | 4.5 | <3 | <77 | <81 | |
| 7/1 | M | 4 | 3307 | 680 | 232,2 | 76,7 | 79,0 | 0.0648 | 1.01 | <0.02 | 9.91 | 4.9 | 13 | 29 | 8.3 | 18 | 23 | 26 | <3 | 6.1 | <3 | 120 | <131 | |
| 8/1 | M | 4 | 3024 | 655 | 77,2 | 68,2 | 64,0 | 0.119 | 12.9 | <0.02 | 33.3 | 5.9 | 12 | 32 | 26 | 72 | 99 | 160 | 7.7 | 45 | <3 | 426 | <463 | |
| 9/1 | F | 5 | 3715 | 720 | 357,6 | 82,9 | 80,0 | 0.0135 | 2.58 | <0.02 | 11.5 | 4.5 | 13 | 28 | 8.7 | 21 | 29 | 33 | <3 | 7.4 | <3 | 136 | <148 | |
| 10/ | M | 5 | 2286 | 610 | 121,4 | 76,6 | 72,0 | 0.0413 | 3.72 | <0.02 | 19.4 | 3.0 | 7.9 | 17 | 9.8 | 26 | 34 | 56 | <3 | 15 | <3 | 159 | <172 | |
| 11/ | M | 4 | 3017 | 640 | 230,9 | 84,6 | 88,0 | 0.0079 | 1.42 | <0.02 | 5.63 | 3.8 | 11 | 23 | 7.2 | 17 | 22 | 25 | <3 | 5.7 | <3 | 108 | <118 | |
| 12/ | M | 4 | 3004 | 670 | 85,8 | 65,3 | 61,0 | 0.103 | 13.2 | <0.02 | 34.9 | 3.7 | 8.4 | 21 | 7.7 | 20 | 34 | 50 | <3 | 12 | <3 | 149 | <160 | |
| 13/ | M | 6 | 3284 | 680 | 190,8 | 74,7 | 71,0 | 0.0098 | 1.85 | <0.02 | 11.9 | 3.9 | 9.8 | 23 | 9.0 | 24 | 40 | 53 | <3 | 10 | <3 | 164 | <176 | |
| 14/ | M | 5 | 2932 | 630 | 78,6 | 65,3 | 64,0 | 0.0227 | 6.41 | <0.02 | 17.0 | 3.1 | 7.0 | 16 | 6.7 | 17 | 31 | 44 | <3 | 8.7 | <3 | 127 | <137 | |
| 15/ | F | 4 | 3346 | 665 | 205,6 | 67,4 | 61,0 | 0.0159 | 7.31 | <0.02 | 19.7 | <3 | 5.7 | 13 | 4.8 | 11 | 19 | 24 | <3 | 5.6 | <3 | <81 | <86 | |
| 16/ | F | 6 | 3450 | 660 | 122,9 | 52,7 | 39,0 | 0.0348 | 15.9 | <0.02 | 36.9 | <3 | 4.3 | 11 | 6.0 | 19 | 40 | 53 | <3 | 12 | <3 | <142 | <148 | |
| 17/ | M | 7 | 4400 | 705 | 356,9 | 82,6 | 80,0 | 0.0381 | 2.01 | <0.02 | 9.36 | 3.8 | 9.1 | 19 | 7.3 | 15 | 21 | 26 | <3 | 5.9 | <3 | 100 | <110 | |
| 18/ | M | 4 | 3250 | 655 | 168,4 | 64,9 | 59,0 | 0.0178 | 3.22 | <0.02 | 18.3 | 3.3 | 9.4 | 19 | 6.0 | 13 | 18 | 21 | <3 | 4.3 | <3 | 88 | <97 | |
| 19/ | M | 5 | 4250 | 765 | 169,3 | 73,8 | 74,0 | 0.0592 | 6.55 | <0.02 | 16.0 | 6.3 | 13 | 28 | 9.2 | 20 | 27 | 32 | <3 | 7.4 | <3 | 134 | <146 | |
| 20/ | F | 4 | 4000 | 685 | 266,0 | 53,8 | 44,0 | 0.0254 | 2.06 | <0.02 | 20.7 | <3 | 5.8 | 13 | 3.7 | 8.0 | 11 | 12 | <3 | <3 | <3 | <53 | <57 | |
| 21/ | M | 5 | 3750 | 710 | 228,8 | 71,6 | 74,0 | 0.0258 | 4.48 | <0.02 | 15.5 | 4.0 | 10 | 22 | 7.9 | 18 | 22 | 27 | <3 | 7.2 | <3 | 110 | <121 | |
| Mean | | 5 | 3104 | 650 | 174,6 | 68,6 | 64,6 | 0,04 | 5,77 | <<0.02 | 18,6 | <<3.7 | 8,3 | 19,1 | 7,7 | 19,4 | 29,6 | 40,6 | <<3.3 | <9.6 | <<3.0 | <<130 | <<141 | |
| Minimum | | 3 | 1338 | 505 | 44,6 | 52,7 | 39,0 | 0,01 | 1,01 | <0.02 | 5,6 | <3.0 | 3,1 | 8,0 | 3,0 | 7,7 | 11,0 | 12,0 | <3.0 | <3.0 | <3.0 | <53 | <57 | |
| Maximum | | 7 | 4400 | 765 | 357,6 | 84,6 | 88,0 | 0,12 | 16,90 | <0.02 | 36,9 | 6,3 | 13,0 | 32,0 | 26,0 | 72,0 | 99,0 | 160,0 | 7,7 | 45,0 | <3.0 | 426 | <463 | |
| St.Dev | | 1 | 754 | 61 | 86,1 | 9,4 | 12,6 | 0,03 | 4,82 | ~0.00 | 8,4 | ~1.0 | 2,9 | 6,4 | 4,7 | 13,5 | 19,2 | 32,4 | ~1.0 | ~9.1 | ~0.0 | ~79 | ~86 | |
| Count | | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 3 | 1338 | 505 | 8.1 | 40.1 | <3 | <3 | <3.0 | 11 | <1.5 | <1.5 |
| 2/1 | M | 3 | 1651 | 530 | 14 | 105.0 | <3 | <3 | <3.0 | 13 | <1.5 | <1.5 |
| 3/1 | F | 3 | 2929 | 610 | <5 | <24.0 | <3 | <3 | <3.0 | 7.9 | <1.5 | <1.5 |
| 4/1 | F | 4 | 2488 | 590 | 15 | 68.0 | <3 | <3 | <3.0 | 13 | <1.5 | <1.5 |
| 5/1 | M | 5 | 3023 | 680 | 16 | 69.0 | <3 | <3 | <3.0 | 13 | <1.5 | <1.5 |
| 6/1 | F | 5 | 2747 | 615 | 9.5 | 50.5 | <3 | <3 | <3.0 | 9.9 | <1.5 | <1.5 |
| 7/1 | M | 4 | 3307 | 680 | 27 | 91.0 | <3 | <3 | <3.0 | 23 | s1.9 | <1.5 |
| 8/1 | M | 4 | 3024 | 655 | 35 | 315.0 | <3 | <3 | <3.0 | 27 | s1.5 | 4.6 |
| 9/1 | F | 5 | 3715 | 720 | 27 | 115.0 | <3 | <3 | <3.0 | 14 | s1.7 | <1.5 |
| 10/ | M | 5 | 2286 | 610 | 17 | 117.0 | <3 | <3 | <3.0 | 13 | <1.5 | 1.5 |
| 11/ | M | 4 | 3017 | 640 | 21 | 90.0 | 3.1 | <3 | <6.1 | 14 | s1.7 | <1.5 |
| 12/ | M | 4 | 3004 | 670 | 13 | 79.0 | <3 | <3 | <3.0 | 16 | <1.5 | <1.5 |
| 13/ | M | 6 | 3284 | 680 | 20 | 116.0 | <3 | <3 | <3.0 | 16 | <1.5 | <1.5 |
| 14/ | M | 5 | 2932 | 630 | 11 | 66.0 | <3 | <3 | <3.0 | 15 | <1.5 | <1.5 |
| 15/ | F | 4 | 3346 | 665 | 7.8 | 42.8 | <3 | <3 | <3.0 | 9.9 | <1.5 | <1.5 |
| 16/ | F | 6 | 3450 | 660 | 9.4 | 84.4 | <3 | <3 | <3.0 | 9.1 | <1.5 | <1.5 |
| 17/ | M | 7 | 4400 | 705 | 16 | 69.0 | <3 | <3 | <3.0 | 15 | s1.8 | <1.5 |
| 18/ | M | 4 | 3250 | 655 | 15 | 70.0 | <3 | <3 | <3.0 | 11 | <1.5 | <1.5 |
| 19/ | M | 5 | 4250 | 765 | 23 | 101.0 | <3 | <3 | <3.0 | 29 | s1.6 | 2.2 |
| 20/ | F | 4 | 4000 | 685 | 11 | 49.0 | <3 | <3 | <3.0 | 7.1 | <1.5 | <1.5 |
| 21/ | M | 5 | 3750 | 710 | 19 | 92.0 | <3 | <3 | <3.0 | 21 | s1.5 | 1.7 |
| Mean | | 5 | 3104 | 650 | <16.2 | <88.3 | <<3.0 | <<3.0 | <<3.1 | 14,7 | <<1.5 | <<1.7 |
| Minimum | | 3 | 1338 | 505 | <5.0 | <24.0 | <3.0 | <3.0 | <3.0 | 7,1 | <1.5 | <1.5 |
| Maximum | | 7 | 4400 | 765 | 35,0 | 315,0 | 3,1 | <3.0 | <6.1 | 29,0 | 1,5 | 4,6 |
| St.Dev | | 1 | 754 | 61 | ~7.4 | ~58.2 | ~0.0 | ~0.0 | ~0.7 | 5,9 | ~0.0 | ~0.7 |
| Count | | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 14 | 21 |

s/q(7) ! Suspect value

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Comments

Station: Lille Molla Fish sampled in dec.2003

sample no.

- 1 Age uncertain Liver colour: yellow white
- 2 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with metacercariae of cf. Cryptocotyle lingua Liver colour : red white
- 3 Liver colour: yellow white
- 4 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white red
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white red
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: yellow white
- 7 Gills with Lernaeocera copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white
- 8 Liver colour: yellow pink
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow pink
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: whhite red
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
Liver colour: yellow white
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
Liver colour: white red
- 14 Age uncertain Liver colour: red yellow
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white red
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Gills with Lernaeocera copepods Liver colour: red yellow
- 17 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 18 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: red white
- 20 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Gills with Lernaeocera copepods Liver colour: yellow red
- 21 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20041030** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 7 | 4250 | 780 | 228,7 | 78,7 | 77,0 | 0.0269 | 2.95 | <0.02 | 9.57 | 9.0 | 35 | 110 | 37 | 86 | 88 | 100 | 4.7 | 23 | <3 | 451 | <496 | | | | |
| 2/1 | F | 4 | 2320 | 630 | 160,6 | 72,9 | 71,0 | 0.0234 | 6.20 | <0.02 | 22.1 | <2 | 2.6 | 16 | 2.7 | 7.1 | 10 | 16 | <2 | 3.7 | <2 | <57 | <60 | | | | |
| 3/1 | F | 6 | 3950 | 750 | 93,1 | 66,5 | 61,0 | 0.0345 | 6.07 | <0.02 | 17.9 | 2.3 | 6.0 | 26 | 6.2 | 19 | 31 | 41 | 1.6 | 8.5 | <3 | 134 | <145 | | | | |
| 4/1 | F | 5 | 3150 | 710 | 86,8 | 62,1 | 55,0 | 0.0334 | 4.75 | <0.02 | 16.0 | 7.6 | 31 | 92 | 29 | 70 | 76 | 92 | 4.3 | 18 | <3 | 387 | <423 | | | | |
| 5/1 | F | 4 | 1565 | 570 | 47,1 | 65,8 | 60,0 | 0.0520 | 5.89 | <0.02 | 17.1 | <3 | 4.5 | 30 | 5.3 | 15 | 22 | 33 | <3 | 7.1 | <3 | <115 | <120 | | | | |
| 6/1 | M | 4 | 820 | 470 | 5,4 | 23,0 | 2,7 | 0.208 | 16.4 | <0.02 | 42.0 | <0.2 | <0.2 | 1.1 | 1.5 | 4.2 | 7.5 | 13 | 0.57 | 3.5 | 0.23 | <30 | <32 | | | | |
| 7/1 | F | 5 | 980 | 500 | 10,9 | 44,2 | 31,0 | 0.114 | 4.05 | <0.02 | 19.8 | <2 | 3.9 | 20 | 13 | 35 | 59 | 93 | 3.7 | 22 | <2 | <235 | <252 | | | | |
| 8/1 | M | 3 | 675 | 420 | 20,7 | 57,8 | 49,0 | 0.0442 | 4.09 | <0.02 | 18.5 | <2 | <2 | 9.5 | 2.0 | 4.3 | 7.4 | 16 | 0.78 | 3.6 | <2 | <43 | <46 | | | | |
| 9/1 | M | 4 | 828 | 440 | 18,8 | 51,3 | 34,0 | 0.320 | 2.72 | <0.02 | 19.3 | <2 | <2 | 14 | 9.2 | 26 | 70 | 120 | 3.0 | 19 | <2 | <251 | <263 | | | | |
| 10/ | M | 4 | 226 | 300 | 1,3 | 27,8 | 19,0 | miss | miss | miss | miss | <1 | <1 | 8.1 | 6.1 | 16 | 42 | 71 | 2.0 | 12 | <1 | <150 | <158 | | | | |
| 11/ | F | 6 | 2400 | 680 | 10,4 | 19,8 | 4,5 | 0.134 | 3.21 | <0.02 | 26.9 | <0.2 | 0.32 | 2.0 | 2.0 | 5.4 | 8.0 | 14 | 0.74 | 4.5 | <0.2 | <34 | <37 | | | | |
| 12/ | F | 8 | 9250 | 960 | 678,0 | 72,0 | 68,0 | 0.0267 | 1.58 | <0.02 | 8.63 | 7.7 | 28 | 80 | 31 | 71 | 100 | 110 | 5.4 | 28 | <3 | 425 | <464 | | | | |
| 13/ | F | 7 | 4750 | 820 | 234,4 | 76,6 | 70,0 | 0.0408 | 1.73 | <0.02 | 9.87 | 10 | 32 | 89 | 21 | 73 | 83 | 96 | 5.0 | 20 | <3 | 403 | <432 | | | | |
| 14/ | F | 5 | 3000 | 610 | 224,2 | 75,0 | 69,0 | 0.018 | 2.60 | <0.02 | 10.4 | <3 | 4.3 | 25 | 6.6 | 21 | 36 | 47 | <3 | 9.7 | <3 | <146 | <153 | | | | |
| 15/ | M | 7 | 4000 | 790 | 110,0 | 73,9 | 68,0 | 0.0468 | 4.10 | 0.014 | 14.4 | 8.3 | 26 | 74 | 22 | 81 | 93 | 97 | 7.5 | 25 | <3 | 404 | <437 | | | | |
| 16/ | M | 7 | 4400 | 760 | 258,1 | 73,7 | 68,0 | 0.0286 | 0.737 | <0.02 | 9.00 | 7.9 | 26 | 78 | 18 | 67 | 65 | 80 | 4.3 | 20 | <3 | 344 | <369 | | | | |
| 17/ | F | 7 | 4000 | 750 | 128,6 | 58,0 | 50,0 | 0.0398 | 4.21 | <0.02 | 18.5 | 5.2 | 13 | 39 | 9.2 | 31 | 44 | 51 | <3 | 9.8 | <3 | 193 | <205 | | | | |
| 18/ | F | 5 | 2000 | 620 | 38,0 | 42,8 | 30,0 | 0.319 | 3.99 | <0.02 | 26.8 | <2 | 2.4 | 12 | 8.8 | 29 | 42 | 76 | 3.5 | 21 | <2 | <184 | <197 | | | | |
| 19/ | F | 7 | 9000 | 930 | 698,0 | 70,8 | 66,0 | 0.0302 | 2.22 | <0.02 | 13.9 | 6.5 | 21 | 64 | 16 | 57 | 75 | 85 | 4.5 | 20 | <3 | 329 | <352 | | | | |
| 20/ | F | 8 | 9300 | 910 | 761,0 | 79,3 | 74,0 | 0.013 | 0.610 | <0.02 | 8.44 | 5.7 | 19 | 59 | 12 | 49 | 53 | 61 | 3.3 | 14 | <3 | 261 | <279 | | | | |
| 21/ | M | 7 | 5000 | 850 | 321,4 | 73,8 | 68,0 | 0.0331 | 1.72 | <0.02 | 13.1 | 7.8 | 30 | 85 | 22 | 77 | 85 | 110 | 5.6 | 25 | <3 | 420 | <450 | | | | |
| 22/ | M | 8 | 5200 | 780 | 306,9 | 72,8 | 69,0 | 0.018 | 4.93 | <0.02 | 18.1 | <3 | 6.9 | 25 | 5.7 | 19 | 31 | 41 | <3 | 7.6 | <3 | <134 | <139 | | | | |
| 23/ | M | 5 | 3700 | 710 | 280,0 | 79,6 | 77,0 | 0.013 | 4.86 | <0.02 | 15.9 | 2.8 | 6.5 | 13 | 5.0 | 16 | 24 | 29 | <2 | 5.8 | <2 | 97 | <104 | | | | |
| 24/ | F | 5 | 3250 | 670 | 230,0 | 80,3 | 77,0 | 0.011 | 2.02 | <0.02 | 13.4 | 2.7 | 6.3 | 13 | 3.8 | 13 | 19 | 22 | <2 | 4.6 | <2 | 81 | <86 | | | | |
| 25/ | F | 5 | 4100 | 770 | 395,0 | 80,9 | 78,0 | 0.0083 | 2.46 | <0.02 | 14.6 | 3.8 | 9.2 | 17 | 5.0 | 18 | 27 | 28 | 2.2 | 5.7 | <2 | 109 | <118 | | | | |
| Mean | | 6 | 3685 | 687 | 213,9 | 63,2 | 55,8 | 0,07 | 3,92 | <<0.02 | 16,8 | <<4.3 | <12.8 | 40,1 | 12,0 | 36,4 | 47,9 | 61,7 | <<3.2 | 13,6 | <<2.4 | <<217 | <<233 | | | | |
| Minimum | | 3 | 226 | 300 | 1,3 | 19,8 | 2,7 | 0,01 | 0,61 | 0,01 | 8,4 | <0.2 | <0.2 | 1,1 | 1,5 | 4,2 | 7,4 | 13,0 | 0,6 | 3,5 | <0.2 | <30 | <32 | | | | |
| Maximum | | 8 | 9300 | 960 | 761,0 | 80,9 | 78,0 | 0,32 | 16,40 | <0.02 | 42,0 | 10,0 | 35,0 | 110,0 | 37,0 | 86,0 | 100,0 | 120,0 | 7,5 | 28,0 | <3.0 | 451 | <496 | | | | |
| St.Dev | | 1 | 2531 | 167 | 220,5 | 18,4 | 22,7 | 0,09 | 3,10 | ~0.00 | 7,4 | ~3.0 | ~12.0 | 33,7 | 10,0 | 27,7 | 29,6 | 35,1 | ~1.7 | 8,1 | ~0.9 | ~141 | ~153 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | | 0.5 | 2 | | 2 | 2 | 2 | 2 |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 7 | 4250 | 780 | 86 | 386.0 | <3 | <3 | <3.0 | 34 | miss | miss |
| 2/1 | F | 4 | 2320 | 630 | 3.3 | 24.3 | <2 | <2 | <2.0 | 6.3 | miss | <1 |
| 3/1 | F | 6 | 3950 | 750 | 9.5 | 63.5 | <3 | <3 | <3.0 | 11 | <1.5 | <1.5 |
| 4/1 | F | 5 | 3150 | 710 | 85 | 325.0 | <3 | <3 | <3.0 | 22 | <1.5 | miss |
| 5/1 | F | 4 | 1565 | 570 | 8.7 | 57.7 | <3 | <3 | <3.0 | 9.7 | miss | <1.5 |
| 6/1 | M | 4 | 820 | 470 | 0.36 | 5.2 | <0.2 | <0.2 | <0.2 | 0.37 | <0.1 | <0.1 |
| 7/1 | F | 5 | 980 | 500 | 11 | 90.0 | <2 | <2 | <2.0 | 5.7 | <1 | <1 |
| 8/1 | M | 3 | 675 | 420 | 2.3 | 21.3 | <2 | <2 | <2.0 | 5.2 | <1 | <1 |
| 9/1 | M | 4 | 828 | 440 | 4.0 | 98.0 | <2 | <2 | <2.0 | 4.8 | <1 | <1 |
| 10/ | M | 4 | 226 | 300 | 2.2 | 53.2 | <1 | <1 | <1.0 | 2.4 | <0.5 | <0.5 |
| 11/ | F | 6 | 2400 | 680 | 1.5 | 17.5 | <0.2 | <0.2 | <0.2 | 0.60 | <0.1 | miss |
| 12/ | F | 8 | 9250 | 960 | 81 | 351.0 | <3 | <3 | <3.0 | 23 | miss | miss |
| 13/ | F | 7 | 4750 | 820 | 81 | 341.0 | <3 | <3 | <3.0 | 28 | 1.5 | 3.6 |
| 14/ | F | 5 | 3000 | 610 | 12 | 68.0 | <3 | <3 | <3.0 | 8.3 | <1.5 | <1.5 |
| 15/ | M | 7 | 4000 | 790 | 60 | 300.0 | <3 | <3 | <3.0 | 29 | 1.8 | 4.1 |
| 16/ | M | 7 | 4400 | 760 | 59 | 279.0 | <3 | <3 | <3.0 | 28 | 1.7 | 3.5 |
| 17/ | F | 7 | 4000 | 750 | 27 | 127.0 | <3 | <3 | <3.0 | 14 | <1.5 | <1.5 |
| 18/ | F | 5 | 2000 | 620 | 9.0 | 82.0 | <2 | <2 | <2.0 | 5.1 | <1 | <1 |
| 19/ | F | 7 | 9000 | 930 | 53 | 253.0 | <3 | <3 | <3.0 | 18 | <1.5 | 3.1 |
| 20/ | F | 8 | 9300 | 910 | 45 | 205.0 | <3 | <3 | <3.0 | 20 | <1.5 | 2.5 |
| 21/ | M | 7 | 5000 | 850 | 70 | 340.0 | <3 | <3 | <3.0 | 25 | 1.8 | 3.8 |
| 22/ | M | 8 | 5200 | 780 | 12 | 66.0 | <3 | <3 | <3.0 | 11 | <1.5 | <1.5 |
| 23/ | M | 5 | 3700 | 710 | 9.6 | 51.6 | <2 | <2 | <2.0 | 8.8 | miss | <1 |
| 24/ | F | 5 | 3250 | 670 | 9.3 | 45.3 | <2 | <2 | <2.0 | 8.5 | miss | <1 |
| 25/ | F | 5 | 4100 | 770 | 14 | 64.0 | <2 | <2 | <2.0 | 12 | miss | <1 |
| Mean | | 6 | 3685 | 687 | 30,2 | 148,6 | <<2.4 | <<2.4 | <<2.4 | 13,6 | <<1.2 | <<1.7 |
| Minimum | | 3 | 226 | 300 | 0,4 | 5,2 | <0.2 | <0.2 | <0.2 | 0,4 | <0.1 | <0.1 |
| Maximum | | 8 | 9300 | 960 | 86,0 | 386,0 | <3.0 | <3.0 | <3.0 | 34,0 | 1,8 | 4,1 |
| St.Dev | | 1 | 2531 | 167 | 31,3 | 129,4 | ~0.9 | ~0.9 | ~0.9 | 9,9 | ~0.5 | ~1.2 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 18 | 21 |

miss(15) ! Missing value

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Comments

Station: Lille Molla

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white red
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white red
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: white red
- 5 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: white red
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red brown
- 7 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: Yellow 1
- 8 Liver colour: red yellow
- 9 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: red brown
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: brown red
- 11 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: brown red
- 12 Liver colour: white red
- 13 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: white red
- 14 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white red
- 15 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white grey
- 16 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white red
- 17 Liver colour: red
- 18 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: white red
- 19 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: white red
- 20 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: white red
- 21 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: white red
- 22 Liver colour: White red
- 23 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: white red
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: red white
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: red white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20060228** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 2 | 1242 | 490 | 36,7 | 72,0 | 64,0 | 0.027 | 15.8 | <0.02 | 20.9 | 2.0 | 3.4 | s6.8 | 3.0 | 9.3 | 12 | 18 | 1.1 | 4.1 | <1.0 | s56 | s<61 | | | | |
| 2/1 | M | 5 | 1381 | 485 | 35,0 | 60,0 | 51,0 | 0.063 | 9.94 | <0.02 | 23.3 | 1.1 | 1.7 | s2.5 | 2.9 | 8.7 | 12 | 20 | <1.0 | 4.6 | <1.0 | s51 | s<55 | | | | |
| 3/1 | M | 5 | 1473 | 500 | 52,0 | 78,0 | 71,0 | 0.042 | 4.69 | <0.02 | 12.6 | <2 | 3.5 | s5.3 | 3.2 | 10 | 14 | 22 | <2 | 5.1 | <2 | s<62 | s<65 | | | | |
| 4/1 | M | 3 | 1828 | 505 | 146,9 | 77,0 | 73,0 | 0.017 | 5.15 | <0.02 | 12.2 | 2.4 | 6.6 | 15 | 5.7 | 15 | 21 | 24 | 1.7 | 7.6 | <1.5 | 92 | <101 | | | | |
| 5/1 | M | 4 | 1553 | 510 | 50,7 | 60,0 | 54,0 | 0.066 | 22.0 | <0.02 | 23.0 | 1.6 | 1.7 | s5.1 | 2.8 | 7.8 | 12 | 17 | <1.0 | 3.3 | <1.0 | s49 | s<52 | | | | |
| 6/1 | M | 5 | 1696 | 510 | 57,3 | 74,0 | 70,0 | 0.049 | 15.1 | <0.02 | 34.8 | 2.2 | 4.6 | s11 | 5.8 | 16 | 25 | 38 | 2.1 | 7.9 | <1.0 | s105 | s<114 | | | | |
| 7/1 | M | 4 | 1477 | 520 | 50,5 | 57,0 | 50,0 | 0.051 | 3.46 | <0.02 | 17.4 | 1.5 | 2.1 | s4.4 | 2.7 | 8.1 | 11 | 18 | <1.0 | 4.4 | <1.0 | s50 | s<53 | | | | |
| 8/1 | M | 5 | 1523 | 515 | 44,8 | 64,0 | 58,0 | 0.033 | 7.50 | <0.02 | 15.5 | <1.5 | 3.0 | s8.1 | 4.3 | 9.8 | 14 | 24 | <1.5 | 5.8 | <1.5 | s<66 | s<71 | | | | |
| 9/1 | M | 4 | 1697 | 530 | 58,4 | 73,0 | 65,0 | 0.085 | 8.45 | <0.02 | 24.6 | 1.9 | 3.8 | s7.6 | 4.1 | 11 | 14 | 21 | 1.4 | 5.6 | <1.0 | s65 | s<71 | | | | |
| 10/ | M | 4 | 1726 | 540 | 44,3 | 56,0 | 46,0 | 0.097 | 13.0 | <0.02 | 26.4 | 1.4 | 1.5 | s5.4 | 4.1 | 10 | 13 | 33 | 1.9 | 8.3 | <1.0 | s73 | s<80 | | | | |
| 11/ | M | 4 | 1829 | 535 | 39,4 | 66,0 | 59,0 | 0.046 | 8.51 | <0.02 | 16.9 | 2.1 | 5.0 | s13 | 9.9 | 15 | 18 | 26 | <2 | 6.2 | 0.29 | s85 | s<97 | | | | |
| 12/ | M | 4 | 1757 | 545 | 75,3 | 61,0 | 49,0 | 0.010 | 0.765 | <0.02 | 2.42 | 2.5 | 5.6 | 18 | 13 | 33 | 52 | 79 | 5.2 | 21 | 1.5 | 211 | 231 | | | | |
| 13/ | M | 4 | 1920 | 550 | 39,0 | 60,0 | 51,0 | 0.329 | 23.5 | <0.02 | 32.2 | <1.5 | 2.0 | 5.2 | 3.5 | 11 | 21 | 30 | s1.8 | 7.4 | <1.5 | <78 | s<83 | | | | |
| 14/ | M | 5 | 1881 | 560 | 38,3 | 58,0 | 67,0 | 0.061 | 10.3 | <0.02 | 29.2 | 2.1 | 3.8 | 14 | 11 | 40 | 67 | 120 | s5.5 | 24 | 1.5 | 271 | s289 | | | | |
| 15/ | M | 5 | 1874 | 550 | 63,0 | 71,0 | 64,0 | 0.029 | 7.96 | <0.02 | 22.7 | <1.5 | 2.7 | 6.2 | 3.4 | 12 | 19 | 26 | <1.5 | 5.1 | <1.5 | <73 | <76 | | | | |
| 16/ | M | 4 | 1877 | 555 | 51,8 | 60,0 | 51,0 | 0.053 | 9.85 | <0.02 | 26.7 | <1.5 | <1.5 | 3.1 | 2.0 | 5.9 | 8.6 | 13 | <1.5 | 2.9 | <1.5 | <35 | <37 | | | | |
| 17/ | M | 5 | 1893 | 560 | 80,4 | 73,0 | 64,0 | 0.024 | 3.73 | <0.02 | 16.0 | 3.1 | 6.9 | 18 | 5.8 | 22 | 32 | 40 | s3.0 | 7.9 | <1.5 | 130 | s<140 | | | | |
| 18/ | M | 4 | 1906 | 555 | 71,8 | 65,0 | 54,0 | 0.042 | 10.1 | <0.02 | 18.7 | <1.5 | 2.3 | 4.8 | 1.9 | 6.4 | 9.2 | 13 | <1.5 | 2.7 | <1.5 | <40 | <42 | | | | |
| 19/ | M | 5 | 1901 | 570 | 44,0 | 54,0 | 44,0 | 0.089 | 1.64 | <0.02 | 19.9 | <1.5 | 1.7 | 3.5 | 2.1 | 8.5 | 13 | 20 | <1.5 | 5.3 | <1.5 | <54 | <56 | | | | |
| 20/ | M | 5 | 2339 | 570 | 72,4 | 65,0 | 56,0 | 0.023 | 2.01 | <0.02 | 9.83 | 3.1 | 8.1 | 21 | 9.9 | 36 | 51 | 82 | s3.8 | 18 | <1.5 | 219 | s<234 | | | | |
| 21/ | M | 4 | 2059 | 590 | 52,5 | 62,0 | 51,0 | 0.072 | 10.1 | <0.02 | 23.8 | 3.4 | 9.0 | 19 | 7.5 | 28 | 41 | 56 | s2.7 | 11 | <1.5 | 167 | s<179 | | | | |
| 22/ | M | 5 | 1946 | 585 | 48,6 | 69,0 | 61,0 | 0.131 | 9.89 | 0.03 | 29.3 | 3.9 | 8.3 | 22 | 8.1 | 26 | 43 | 57 | s3.0 | 11 | <1.5 | 171 | s<184 | | | | |
| 23/ | F | 5 | 2448 | 610 | 134,8 | 65,0 | 52,0 | 0.048 | 2.09 | <0.02 | 20.1 | <1.5 | 2.8 | 5.5 | 2.6 | 9.9 | 13 | 16 | <1.5 | 3.7 | <1.5 | <52 | <55 | | | | |
| 24/ | M | 5 | 2258 | 585 | 50,5 | 65,0 | 53,0 | 0.075 | 13.2 | <0.02 | 33.1 | 2.5 | 7.6 | 19 | 6.3 | 22 | 33 | 46 | s3.0 | 11 | <1.5 | 141 | s<152 | | | | |
| 25/ | F | 6 | 2050 | 600 | 95,2 | 62,0 | 23,0 | 0.089 | 8.65 | <0.02 | 33.0 | <0.8 | 0.89 | 2.3 | <1.5 | 4.5 | 7.4 | 10 | <0.8 | 2.6 | <0.8 | <28 | <29 | | | | |
| Mean | | 4 | 1821 | 545 | 61,4 | 65,1 | 56,0 | 0,07 | 9,10 | <<0.02 | 21,8 | <<2.0 | <4.0 | 11,8 | <5.1 | 15,4 | 23,0 | 34,8 | <<1.7 | 7,9 | <<1.3 | <<117 | <<78 | | | | |
| Minimum | | 2 | 1242 | 485 | 35,0 | 54,0 | 23,0 | 0,01 | 0,77 | <0.02 | 2,4 | <0.8 | 0,9 | 2,3 | <1.5 | 4,5 | 7,4 | 10,0 | <0.8 | 2,6 | 0,3 | <28 | <29 | | | | |
| Maximum | | 6 | 2448 | 610 | 146,9 | 78,0 | 73,0 | 0,33 | 23,50 | 0,03 | 34,8 | 3,9 | 9,0 | 22,0 | 13,0 | 40,0 | 67,0 | 120,0 | 5,2 | 24,0 | <2.0 | 271 | 231 | | | | |
| St.Dev | | 1 | 288 | 35 | 28,2 | 6,7 | 10,6 | 0,06 | 5,83 | ~0.00 | 8,0 | ~0.7 | ~2.5 | 7,5 | ~3.2 | 10,0 | 16,1 | 26,3 | ~1.0 | 5,6 | ~0.4 | ~77 | ~66 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 18 | 25 | 25 | 15 | 8 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|-------|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTTP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 2 | 1242 | 490 | 4.9 | 5.4 | 28.3 | 1.6 | 1.5 | 3.1 | 10 | miss | <1.0 |
| 2/1 | M | 5 | 1381 | 485 | 3.4 | 2.6 | 18.0 | 1.4 | 1.2 | 2.6 | 7.6 | miss | <1.0 |
| 3/1 | M | 5 | 1473 | 500 | <6 | 6.6 | <29.6 | 2.3 | <2 | <4.3 | 11 | miss | <2 |
| 4/1 | M | 3 | 1828 | 505 | 20 | 21 | 103.0 | 2.5 | 1.8 | 4.3 | 13 | <0.8 | <1.5 |
| 5/1 | M | 4 | 1553 | 510 | 4.3 | 4.8 | 22.1 | 2.0 | <1.0 | <3.0 | 7.9 | <0.5 | <1.0 |
| 6/1 | M | 5 | 1696 | 510 | 6.9 | 7.7 | 50.6 | 2.5 | <1.0 | <3.5 | 14 | <1.0 | <1.0 |
| 7/1 | M | 4 | 1477 | 520 | 3.8 | 3.9 | 19.7 | 1.8 | 1.6 | 3.4 | 8.2 | <0.5 | <1.0 |
| 8/1 | M | 5 | 1523 | 515 | <1.5 | 4.4 | <19.9 | 2.4 | <1.5 | <3.9 | 9.9 | <0.8 | <1.5 |
| 9/1 | M | 4 | 1697 | 530 | 6.2 | 6.6 | 31.8 | 2.7 | 2.0 | 4.7 | 12 | <0.5 | <1.0 |
| 10/ | M | 4 | 1726 | 540 | 7.0 | 5.5 | 35.5 | 1.9 | 1.5 | 3.4 | 10 | <0.5 | <1.0 |
| 11/ | M | 4 | 1829 | 535 | 7.8 | 12 | 47.8 | 2.5 | <2 | <4.5 | 12 | miss | <2 |
| 12/ | M | 4 | 1757 | 545 | 9.1 | 8.4 | 65.5 | 1.9 | 1.3 | 3.2 | 12 | miss | <1.0 |
| 13/ | M | 4 | 1920 | 550 | <6 | 3.5 | <39.5 | 1.5 | <1.5 | <3.0 | 11 | <1.5 | <1.5 |
| 14/ | M | 5 | 1881 | 560 | 6.9 | 8.0 | 109.9 | 1.6 | <1.5 | <3.1 | 9.5 | <2.0 | <1.5 |
| 15/ | M | 5 | 1874 | 550 | <6 | 3.0 | <30.0 | 2.3 | <1.5 | <3.8 | 9.0 | <1.5 | <1.5 |
| 16/ | M | 4 | 1877 | 555 | <6 | 2.0 | <17.9 | 1.7 | <1.5 | <3.2 | 7.8 | <1.5 | <1.5 |
| 17/ | M | 5 | 1893 | 560 | 6.6 | 11 | 67.6 | 2.1 | <1.5 | <3.6 | 13 | <1.5 | <1.5 |
| 18/ | M | 4 | 1906 | 555 | <6 | 3.2 | <25.2 | 1.7 | <1.5 | <3.2 | 7.3 | <1.5 | <1.5 |
| 19/ | M | 5 | 1901 | 570 | <6 | 2.1 | <22.1 | 1.7 | <1.5 | <3.2 | 7.7 | <1.5 | <1.5 |
| 20/ | M | 5 | 2339 | 570 | 8.9 | 16 | 174.9 | 1.8 | <1.5 | <3.3 | 12 | <1.5 | 1.6 |
| 21/ | M | 4 | 2059 | 590 | 12 | 17 | 111.0 | 1.6 | <1.5 | <3.1 | 15 | <1.5 | <1.5 |
| 22/ | M | 5 | 1946 | 585 | 10 | 11 | 91.0 | 2.2 | <1.5 | <3.7 | 16 | <1.5 | <1.5 |
| 23/ | F | 5 | 2448 | 610 | <6 | 5.1 | <33.1 | 1.7 | <1.5 | <3.2 | 9.0 | <1.5 | <1.5 |
| 24/ | M | 5 | 2258 | 585 | 10 | 12 | 104.0 | 1.9 | <1.5 | <3.4 | 14 | <1.5 | 1.8 |
| 25/ | F | 6 | 2050 | 600 | <3 | <1.5 | <12.8 | <0.8 | <0.8 | <0.8 | 3.4 | <1.5 | <0.8 |
| Mean | 4 | 1821 | 545 | <<7.0 | <7.4 | <<52.4 | <1.9 | <<1.5 | <<3.4 | 10,5 | <<1.2 | <<1.4 | |
| Minimum | 2 | 1242 | 485 | <1.5 | <1.5 | <12.8 | <0.8 | <0.8 | <0.8 | 3,4 | <0.5 | <0.8 | |
| Maximum | 6 | 2448 | 610 | 20,0 | 21,0 | 174,9 | 2,7 | 2,0 | 4,7 | 16,0 | <2.0 | <2.0 | |
| St.Dev | 1 | 288 | 35 | ~3.6 | ~5.1 | ~41.0 | ~0.4 | ~0.3 | ~0.7 | 2,9 | ~0.5 | ~0.3 | |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 20 | 25 | |

miss(5) ! Missing value s/q(44) ! Suspect value

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Comments

Station: Lille Molla Fish sampled in febr.2006

sample no.

- 1 Liver colour: red yellow
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 3 Liver colour:red yellow
- 4 Liver colour: red yellow. Part sample = 50,4g Extra part sample = 50,2g
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red yellow
- 6 Liver colour: yellow
- 7 Liver colour: red yellow. Part sample = 34,8g
- 8 Liver colour: red yellow
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red yellow. Part sample = 43,6g
- 11 Liver colour: red yellow
- 12 Liver colour: yellow. Part sample = 37,1g Extra part sample = 34,6g
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
- 14 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow. Part sample = 37,3g
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver colour: yellow red
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red. Part sample = 40,39g Extra part sample = 39,51g
- 18 Liver colour: yellow red. Part sample = 40,99g Extra part sample = 30,78g
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
Liver colour: yellow red. Part sample = 42,03g Extra part sample = 30,41g
- 21 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 23 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red. Part sample = 50,37g
Extra part sample = 50,39g
- 24 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 25 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red. Total liver weight =95,21g or more Part sample = 49,67g
Extra part sample = 45,54

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.44N Longitude: 14°50.13
 Catch, date : **20061129** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 4 | 2200 | 570 | 108,4 | 73,0 | 71,0 | 0.014 | 7.97 | <0.02 | 17.2 | <2.0 | <2.0 | 20 | 7.6 | 24 | 33 | 54 | <2.0 | 11 | <2.0 | <2.0 | <144 | <152 | | | |
| 2/1 | M | 3 | 2290 | 640 | 120,1 | 71,0 | 66,0 | 0.0509 | 5.64 | <0.02 | 8.96 | 2.3 | 3.4 | miss | 5.4 | 21 | 28 | 35 | <2.0 | 12 | <2.0 | <2.0 | 102 | <109 | | | |
| 3/1 | F | 4 | 2050 | 610 | 73,9 | 66,0 | 58,0 | 0.015 | 4.72 | <0.02 | 14.7 | 3.0 | 3.4 | miss | 7.2 | 19 | 29 | 39 | <2.0 | 9.1 | <2.0 | <2.0 | 103 | <112 | | | |
| 4/1 | F | 5 | 3950 | 670 | 259,6 | 75,0 | 69,0 | 0.015 | 1.74 | <0.02 | 9.22 | 3.0 | 3.2 | 24 | 7.0 | 26 | 37 | 51 | <2.0 | 11 | <2.0 | <2.0 | 155 | <164 | | | |
| 5/1 | M | 3 | 1900 | 530 | 120,0 | 77,0 | 71,0 | 0.015 | 9.75 | <0.02 | 15.6 | <2.0 | <2.0 | miss | <2.0 | 4.8 | 5.9 | 9.8 | <2.0 | <2.0 | <2.0 | <2.0 | <23 | <23 | | | |
| 6/1 | F | 3 | 2800 | 660 | 158,5 | 69,0 | 59,0 | 0.017 | 8.26 | <0.02 | 21.3 | <2.0 | <2.0 | 18 | 4.4 | 19 | 22 | 34 | <2.0 | 5.3 | <2.0 | <2.0 | <100 | <105 | | | |
| 7/1 | F | 3 | 2300 | 570 | 145,7 | 72,0 | 66,0 | 0.0398 | 9.98 | <0.02 | 20.5 | <2.0 | <2.0 | miss | 2.5 | 5.3 | 7.9 | 15 | <2.0 | 2.4 | <2.0 | <2.0 | <33 | <35 | | | |
| 8/1 | M | 4 | 2400 | 620 | 83,1 | 71,0 | 63,0 | 0.0327 | 10.4 | <0.02 | 22.7 | 2.3 | <2.0 | 19 | 9.3 | 21 | 30 | 47 | <2.0 | 11 | <2.0 | <2.0 | <132 | <142 | | | |
| 9/1 | F | 3 | 1800 | 530 | 101,8 | 71,0 | 63,0 | 0.0399 | 8.18 | <0.02 | 19.5 | <2.0 | <2.0 | miss | 2.2 | 6.3 | 9.1 | 16 | <2.0 | 3.1 | <2.0 | <2.0 | <37 | <39 | | | |
| 10/ | F | 3 | 1540 | 550 | 67,4 | 60,0 | 49,0 | 0.0411 | 11.2 | <0.02 | 28.1 | <2.0 | <2.0 | 5.9 | 3.0 | 11 | 17 | 24 | <2.0 | 4.6 | <2.0 | <2.0 | <65 | <68 | | | |
| 11/ | M | 4 | 2050 | 570 | 54,0 | 57,0 | 46,0 | 0.0282 | 6.19 | <0.02 | 19.1 | <2.0 | <2.0 | 13 | 7.7 | 19 | 30 | 55 | <2.0 | 12 | <2.0 | <2.0 | <131 | <139 | | | |
| 12/ | M | 3 | 1750 | 510 | 99,7 | 72,0 | 65,0 | 0.0359 | 7.76 | <0.02 | 15.5 | <2.0 | <2.0 | miss | 3.6 | 15 | 19 | 26 | <2.0 | 4.2 | <2.0 | <2.0 | <66 | <70 | | | |
| 13/ | M | 4 | 1832 | 550 | 42,1 | 63,0 | 63,0 | 0.140 | 18.7 | <0.02 | 29.2 | <4.0 | 3.0 | miss | 8.2 | 24 | 35 | 59 | 2.7 | 17 | <2.0 | <2.0 | <142 | <153 | | | |
| 14/ | M | 3 | 1743 | 560 | 53,5 | 70,0 | 63,0 | 0.0306 | 17.8 | <0.02 | 20.7 | <4.0 | 3.2 | miss | 9.9 | 24 | 39 | 44 | 3.5 | 11 | <2.0 | <2.0 | <125 | <139 | | | |
| 15/ | M | 4 | 2014 | 560 | 93,8 | 74,0 | 50,0 | 0.0291 | 1.58 | <0.02 | 12.8 | <4.0 | <2.0 | miss | <2.0 | <2.0 | 5.5 | 9.9 | <2.0 | <2.0 | <2.0 | <2.0 | <19 | <19 | | | |
| 16/ | M | 4 | 2190 | 640 | 56,2 | 68,0 | 58,0 | 0.0608 | 4.41 | <0.02 | 17.3 | <4.0 | <2.0 | miss | 2.5 | 12 | 18 | 28 | <2.0 | 7.6 | <2.0 | <2.0 | <70 | <72 | | | |
| 17/ | F | 4 | 2496 | 645 | 114,8 | 57,0 | 44,0 | 0.0379 | 2.50 | <0.02 | 18.4 | <4.0 | <2.0 | miss | 13 | 46 | 63 | 100 | 4.6 | 29 | <2.0 | <2.0 | <242 | <260 | | | |
| 18/ | M | 3 | 1921 | 580 | 92,7 | 73,0 | 65,0 | 0.018 | 5.39 | <0.02 | 10.7 | <4.0 | <2.0 | miss | <2.0 | 9.8 | 14 | 18 | <2.0 | 2.8 | <2.0 | <2.0 | <49 | <49 | | | |
| 19/ | M | 5 | 1787 | 575 | 28,6 | 39,0 | 24,0 | 0.125 | 7.86 | <0.02 | 26.1 | <4.0 | <2.0 | miss | 5.7 | 18 | 31 | 51 | <2.0 | 9.0 | <2.0 | <2.0 | <113 | <119 | | | |
| 20/ | F | 3 | 1980 | 550 | 116,0 | 74,0 | 67,0 | 0.0073 | 1.42 | <0.02 | 7.93 | <8.0 | 13 | 50 | 32 | 94 | 120 | 180 | 10 | 45 | <2.0 | <2.0 | <510 | <552 | | | |
| 21/ | M | 5 | 1900 | 580 | 23,2 | 54,0 | 43,0 | 0.122 | 9.58 | <0.02 | 21.8 | <4.0 | <2.0 | miss | 7.6 | 17 | 37 | 58 | 2.6 | 17 | <2.0 | <2.0 | <133 | <143 | | | |
| 22/ | M | 5 | 1840 | 530 | 25,9 | 50,0 | 38,0 | 0.0653 | 3.48 | <0.02 | 16.9 | <4.0 | <2.0 | miss | 7.5 | 20 | 37 | 57 | 2.2 | 12 | <2.0 | <2.0 | <130 | <140 | | | |
| 23/ | M | 4 | 2180 | 590 | 94,8 | 74,0 | 68,0 | 0.145 | 5.69 | <0.02 | 10.6 | <4.0 | <2.0 | miss | 3.4 | 15 | 14 | 20 | <2.0 | 4.2 | <2.0 | <2.0 | <57 | <61 | | | |
| 24/ | F | 3 | 1580 | 520 | 56,4 | 60,0 | 50,0 | 0.0685 | 11.1 | <0.02 | 21.2 | <4.0 | <2.0 | miss | 2.8 | 12 | 15 | 21 | <2.0 | 5.5 | <2.0 | <2.0 | <58 | <60 | | | |
| 25/ | M | 4 | 1850 | 560 | 30,5 | 51,0 | 40,0 | 0.180 | 22.6 | <0.02 | 29.8 | <4.0 | <2.0 | miss | 3.3 | 10 | 16 | 30 | <2.0 | 9.7 | <2.0 | <2.0 | <70 | <73 | | | |
| Mean | | 4 | 2094 | 579 | 88,8 | 65,6 | 56,8 | 0,05 | 8,16 | <<0.02 | 18,2 | <<3.3 | <<2.7 | 21,4 | <6.5 | <19.8 | 28,5 | 43,3 | <<2.5 | <10.4 | <<2.0 | <<2.0 | <<112 | <<120 | | | |
| Minimum | | 3 | 1540 | 510 | 23,2 | 39,0 | 24,0 | 0,01 | 1,42 | <0.02 | 7,9 | <2.0 | <2.0 | 5,9 | <2.0 | <2.0 | 5,5 | 9,8 | <2.0 | <2.0 | <2.0 | <2.0 | <19 | <19 | | | |
| Maximum | | 5 | 3950 | 670 | 259,6 | 77,0 | 71,0 | 0,18 | 22,60 | <0.02 | 29,8 | <8.0 | 13,0 | 50,0 | 32,0 | 94,0 | 120,0 | 180,0 | 10,0 | 45,0 | <2.0 | <2.0 | <510 | <552 | | | |
| St.Dev | | 1 | 484 | 45 | 51,7 | 9,7 | 12,2 | 0,05 | 5,31 | ~0.00 | 6,2 | ~1.3 | ~2.2 | 13,9 | ~6.1 | ~17.9 | 23,2 | 35,2 | ~1.7 | ~9.4 | ~0.0 | ~0.0 | ~97 | ~106 | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 7 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|-------|-------|--------|--------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 4 | 2200 | 570 | <6.0 | 4.9 | <52.9 | <2.0 | <2.0 | <2.0 | 15 | 1.9 | <2.0 |
| 2/1 | M | 3 | 2290 | 640 | 29 | 25 | 141.0 | <2.0 | <2.0 | <2.0 | 17 | 3.1 | <2.0 |
| 3/1 | F | 4 | 2050 | 610 | 6.3 | 9.0 | 67.3 | <2.0 | <2.0 | <2.0 | 12 | 2.2 | <2.0 |
| 4/1 | F | 5 | 3950 | 670 | 7.5 | 9.4 | 71.9 | <2.0 | <2.0 | <2.0 | 14 | 3.1 | <2.0 |
| 5/1 | M | 3 | 1900 | 530 | <6.0 | <4.0 | <19.0 | <2.0 | <2.0 | <2.0 | 7.8 | 1.5 | <2.0 |
| 6/1 | F | 3 | 2800 | 660 | <6.0 | 5.4 | <51.4 | <2.0 | <2.0 | <2.0 | 14 | 1.5 | <2.0 |
| 7/1 | F | 3 | 2300 | 570 | <6.0 | <4.0 | <21.0 | <2.0 | <2.0 | <2.0 | 9.8 | 1.7 | <2.0 |
| 8/1 | M | 4 | 2400 | 620 | 9.5 | 5.0 | 52.5 | <2.0 | <2.0 | <2.0 | 14 | 1.5 | <2.0 |
| 9/1 | F | 3 | 1800 | 530 | <6.0 | <4.0 | <22.0 | <2.0 | <2.0 | <2.0 | 11 | 1.5 | <2.0 |
| 10/ | F | 3 | 1540 | 550 | <6.0 | <4.0 | <23.0 | <2.0 | <2.0 | <2.0 | 10 | <1.0 | <2.0 |
| 11/ | M | 4 | 2050 | 570 | <6.0 | <4.0 | <43.0 | <2.0 | <2.0 | <2.0 | 11 | <1.0 | <2.0 |
| 12/ | M | 3 | 1750 | 510 | <6.0 | <4.0 | <25.0 | <2.0 | <2.0 | <2.0 | 13 | 1.5 | <2.0 |
| 13/ | M | 4 | 1832 | 550 | 11 | 17 | 105.0 | <2.0 | <2.0 | <2.0 | 18 | 1.4 | <2.0 |
| 14/ | M | 3 | 1743 | 560 | <8.0 | <4.0 | <30.0 | <2.0 | <2.0 | <2.0 | 13 | <1.0 | <2.0 |
| 15/ | M | 4 | 2014 | 560 | <8.0 | <4.0 | <14.8 | <2.0 | <2.0 | <2.0 | 5.9 | <1.0 | <2.0 |
| 16/ | M | 4 | 2190 | 640 | <8.0 | <4.0 | <25.0 | <2.0 | <2.0 | <2.0 | 14 | <1.0 | <2.0 |
| 17/ | F | 4 | 2496 | 645 | 12 | <4.0 | <156.0 | <2.0 | <2.0 | <2.0 | 11 | 1.1 | <2.0 |
| 18/ | M | 3 | 1921 | 580 | <8.0 | <4.0 | <26.0 | <2.0 | <2.0 | <2.0 | 10 | <1.0 | <2.0 |
| 19/ | M | 5 | 1787 | 575 | <8.0 | 5.2 | <56.2 | <2.0 | <2.0 | <2.0 | 6.4 | <1.0 | <2.0 |
| 20/ | F | 3 | 1980 | 550 | 19 | 25 | 234.0 | <2.0 | <2.0 | <2.0 | 19 | <1.0 | 2.9 |
| 21/ | M | 5 | 1900 | 580 | <8.0 | <4.0 | <60.0 | <2.0 | <2.0 | <2.0 | 9.1 | <1.0 | <2.0 |
| 22/ | M | 5 | 1840 | 530 | <8.0 | 6.9 | <57.9 | <2.0 | <2.0 | <2.0 | 9.7 | <1.0 | <2.0 |
| 23/ | M | 4 | 2180 | 590 | <8.0 | <4.0 | <37.0 | <2.0 | <2.0 | <2.0 | 24 | 1.6 | <2.0 |
| 24/ | F | 3 | 1580 | 520 | <8.0 | 8.2 | <51.2 | <2.0 | <2.0 | <2.0 | 13 | <1.0 | <2.0 |
| 25/ | M | 4 | 1850 | 560 | <8.0 | <4.0 | <33.0 | <2.0 | <2.0 | <2.0 | 16 | <1.0 | <2.0 |
| Mean | 4 | 2094 | 579 | <<8.9 | <<7.1 | <<59.0 | <<2.0 | <<2.0 | <<2.0 | <<2.0 | 12,7 | <<1.4 | <<2.0 |
| Minimum | 3 | 1540 | 510 | <6.0 | <4.0 | <14.8 | <2.0 | <2.0 | <2.0 | <2.0 | 5,9 | <1.0 | <2.0 |
| Maximum | 5 | 3950 | 670 | 29,0 | 25,0 | 234,0 | <2.0 | <2.0 | <2.0 | <2.0 | 24,0 | 3,1 | 2,9 |
| St.Dev | 1 | 484 | 45 | ~5.0 | ~6.1 | ~51.1 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 4,1 | ~0.6 | ~0.2 |
| Count | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

miss(18) ! Missing value

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Comments

Station: Bjørnerøya (east) Fish 1-12 sampled 29.nov.2006
Fish 13-25 sampled 14.dec.2006

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 2 Age uncertain Liver colour: yellow red
- 3 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver colour: yellow red
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 5 Liver and/or intestinal guts with larvae of *Anisakis simplex* Age uncertain
Liver colour: Yellow red
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
Liver colour: yellow red
- 7 Age uncertain Liver colour: yellow red
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Age uncertain Liver colour: yellow red
- 9 Liver colour: yellow red
- 10 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow red
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow red
- 13 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red green(contaminatet from bile)
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow red
- 15 Age uncertain Liver colour: yellow red green(contaminated from gile)
- 16 Liver colour: yellow red
- 17 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver colour: yellow red
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Age uncertain Liver colour: red yellow
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow red
- 21 Liver colour: yellow red
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Liver colour: yellow red
- 23 Liver and/or intestinal guts with larvae of *Anisakis simplex* Liver colour: yellow red
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Age uncertain
Liver colour: yellow red
- 25 Liver and/or intestinal guts with larvae of *Anisakis simplex* Age uncertain
Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20021028** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | M | 3 | 922 | 455 | 37,6 | 65,6 | 59,8 | 0.0459 | 2.12 | 0.02 | 16.8 | 4.1 | 11 | 28 | 13 | 30 | 34 | 34 | 2.7 | 5.9 | <1.6 | 147 | <164 | | | | |
| 2/1 | F | 3 | 648 | 410 | 6,6 | 31,2 | 14,7 | 0.122 | 5.50 | 0.04 | 31.0 | 5.0 | 12 | 27 | 19 | 53 | 66 | 81 | 4.6 | 14 | <0.80 | 258 | <282 | | | | |
| 3/1 | M | 3 | 599 | 400 | 13,3 | 50,4 | 39,1 | 0.0872 | 3.25 | 0.02 | 17.3 | 4.5 | 14 | 30 | 14 | 34 | 41 | 49 | 3.1 | 9.0 | <1.6 | 182 | <200 | | | | |
| 4/1 | M | 3 | 646 | 410 | 11,7 | 53,2 | 42,1 | 0.0567 | 7.66 | 0.03 | 27.6 | 8.4 | 21 | 37 | 24 | 54 | 66 | 78 | 4.9 | 14 | <1.6 | 278 | <309 | | | | |
| 5/1 | M | 2 | 504 | 375 | 13,8 | 58,1 | 51,9 | 0.0507 | 5.17 | 0.02 | 19.9 | 2.9 | 9.4 | 25 | 13 | 36 | 46 | 54 | 3.4 | 9.2 | <1.6 | 183 | <201 | | | | |
| 6/1 | M | 3 | 633 | 420 | 22,5 | 64,2 | 60,5 | 0.0367 | 3.19 | 0.01 | 15.8 | 3.8 | 11 | 26 | 12 | 30 | 35 | 36 | 2.8 | 7.3 | <1.6 | 149 | <166 | | | | |
| 7/1 | M | 3 | 527 | 400 | 12,9 | 58,6 | 49,8 | 0.0902 | 2.13 | 0.01 | 14.4 | 3.9 | 9.3 | 22 | 8.9 | 20 | 25 | 31 | 1.9 | 6.5 | <1.6 | 118 | <130 | | | | |
| 8/1 | F | 3 | 703 | 445 | 15,6 | 50,2 | 39,4 | 0.0770 | 3.48 | 0.02 | 21.3 | 3.5 | 9.3 | 20 | 12 | 30 | 42 | 59 | 3.9 | 16 | <1.6 | 180 | <197 | | | | |
| 9/1 | M | 3 | 429 | 375 | 10,4 | 58,5 | 47,8 | 0.0759 | 3.92 | 0.03 | 19.1 | 3.4 | 8.6 | 19 | 9.2 | 22 | 28 | 35 | 2.3 | 7.4 | <1.6 | 123 | <137 | | | | |
| 10/ | M | 2 | 432 | 370 | 11,2 | 63,8 | 59,6 | 0.0445 | 3.63 | 0.02 | 15.0 | 3.1 | 7.6 | 17 | 6.9 | 15 | 20 | 21 | 1.5 | 4.9 | <1.6 | 89 | <99 | | | | |
| 11/ | M | 4 | 882 | 470 | 20,7 | 56,0 | 47,0 | 0.0468 | 1.48 | 0.02 | 18.5 | 4.4 | 11 | 30 | 14 | 34 | 37 | 36 | 3.1 | 6.4 | <1.6 | 159 | <178 | | | | |
| 12/ | F | 2 | 598 | 390 | 20,9 | 59,7 | 54,6 | 0.0245 | 2.48 | 0.01 | 14.1 | 3.7 | 10 | 24 | 12 | 28 | 34 | 34 | 2.7 | 6.8 | <1.6 | 141 | <157 | | | | |
| 13/ | F | 3 | 525 | 370 | 13,5 | 56,5 | 45,1 | 0.103 | 5.60 | 0.01 | 19.7 | 3.5 | 11 | 21 | 15 | 40 | 43 | 54 | 3.3 | 9.4 | <1.6 | 182 | <202 | | | | |
| 14/ | F | 3 | 567 | 405 | 20,6 | 67,6 | 59,3 | 0.0934 | 5.52 | <0.01 | 19.5 | s2.7 | s8.2 | 23 | 9.2 | 25 | 30 | 39 | s3.1 | s8.1 | miss | s136 | s148 | | | | |
| 15/ | M | 2 | 390 | 355 | 9,6 | 58,5 | 48,2 | 0.0590 | 3.43 | 0.01 | 17.0 | 2.3 | 6.3 | 17 | 7.4 | 18 | 22 | 27 | 1.7 | 5.2 | <1.6 | 98 | <109 | | | | |
| 16/ | F | 3 | 405 | 350 | 8,1 | 40,8 | 29,6 | 0.103 | 3.09 | 0.01 | 22.8 | 2.8 | 8.3 | 21 | 11 | 28 | 32 | 36 | 2.8 | 8.0 | <1.6 | 136 | <152 | | | | |
| 17/ | F | 2 | 369 | 345 | 7,1 | 56,4 | 33,5 | 0.0514 | 2.21 | 0.02 | 16.6 | 3.2 | 9.2 | 24 | 16 | 43 | 43 | 52 | 3.4 | 8.5 | <1.6 | 183 | <204 | | | | |
| 18/ | F | 2 | 291 | 330 | 6,9 | 55,5 | 50,4 | 0.126 | 3.57 | 0.03 | 20.2 | 3.3 | 8.4 | 25 | 9.9 | 26 | 36 | 47 | 2.6 | 10 | <1.6 | 156 | <170 | | | | |
| 19/ | F | 2 | 326 | 340 | 8,9 | 53,7 | 46,9 | 0.0536 | 2.97 | 0.02 | 18.1 | 2.6 | 7.3 | 21 | 8.9 | 23 | 29 | 36 | 2.0 | 7.0 | <1.6 | 126 | <138 | | | | |
| 20/ | M | 2 | 244 | 320 | 4,8 | 43,0 | 31,9 | miss | miss | miss | miss | 2.4 | 6.7 | 16 | 7.7 | 21 | 28 | 34 | 2.0 | 7.4 | <1.6 | 116 | <127 | | | | |
| 21/ | F | 2 | 261 | 315 | 7,3 | 62,4 | 50,9 | 0.0908 | 2.11 | 0.02 | 17.0 | 2.2 | 5.9 | 17 | 7.0 | 17 | 20 | 22 | 1.5 | 4.3 | <1.6 | 88 | <99 | | | | |
| 22/ | F | 2 | 257 | 315 | 3,5 | 37,7 | 21,3 | miss | miss | miss | miss | 3.2 | 8.3 | 20 | 11 | 29 | 37 | 46 | 2.8 | 9.4 | <1.6 | 153 | <168 | | | | |
| 23/ | F | 2 | 242 | 310 | 3,9 | 43,3 | 30,3 | miss | miss | miss | miss | 3.1 | 8.1 | 21 | 11 | 30 | 38 | 48 | 3.0 | 10 | <1.6 | 158 | <174 | | | | |
| 24/ | M | 2 | 255 | 315 | 2,5 | 37,7 | 15,4 | miss | miss | miss | miss | 4.7 | 17 | 26 | 16 | 44 | 45 | 54 | 3.2 | 9.2 | <0.60 | 200 | <220 | | | | |
| 25/ | M | 2 | 296 | 320 | 11,5 | 66,6 | 58,8 | 0.0203 | 5.24 | 0.04 | 18.1 | 1.9 | 5.2 | 15 | 8.0 | 19 | 22 | 26 | 2.0 | 5.1 | <1.6 | 94 | <106 | | | | |
| Mean | | 3 | 478 | 372 | 12,2 | 54,0 | 43,5 | 0,07 | 3,70 | <0.02 | 19,0 | 3,6 | 9,8 | 22,9 | 11,8 | 30,0 | 36,0 | 42,8 | 2,8 | 8,4 | <<1.5 | 154 | <<170 | | | | |
| Minimum | | 2 | 242 | 310 | 2,5 | 31,2 | 14,7 | 0,02 | 1,48 | <0.01 | 14,1 | 1,9 | 5,2 | 15,0 | 6,9 | 15,0 | 20,0 | 21,0 | 1,5 | 4,3 | <0.6 | 88 | <99 | | | | |
| Maximum | | 4 | 922 | 470 | 37,6 | 67,6 | 60,5 | 0,13 | 7,66 | 0,04 | 31,0 | 8,4 | 21,0 | 37,0 | 24,0 | 54,0 | 66,0 | 81,0 | 4,9 | 16,0 | <1.6 | 278 | <309 | | | | |
| St.Dev | | 1 | 195 | 47 | 7,7 | 9,9 | 13,6 | 0,03 | 1,55 | ~0.01 | 4,1 | 1,3 | 3,5 | 5,1 | 4,0 | 10,5 | 11,9 | 15,3 | 0,9 | 3,0 | ~0.3 | 48 | ~52 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 21 | 21 | 21 | 21 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam. rep | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| F/M | | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 3 | 922 | 455 | 15 | 56.0 | 2.3 | <1.6 | <3.9 | 19 | 0.98 | 0.99 |
| 2/1 | F | 3 | 648 | 410 | 27 | 137.0 | <0.80 | <0.80 | <0.8 | 14 | <0.40 | 1.8 |
| 3/1 | M | 3 | 599 | 400 | 24 | 94.0 | <1.6 | <1.6 | <1.6 | 13 | <0.80 | 1.8 |
| 4/1 | M | 3 | 646 | 410 | 35 | 175.0 | 1.68 | <1.6 | <3.3 | 27 | <0.80 | 2.6 |
| 5/1 | M | 2 | 504 | 375 | 13 | 68.0 | 1.8 | <1.6 | <3.4 | 9.6 | <0.80 | 0.92 |
| 6/1 | M | 3 | 633 | 420 | 16 | 68.0 | 2.5 | 2.1 | 4.6 | 16 | <0.80 | 1.1 |
| 7/1 | M | 3 | 527 | 400 | 18 | 71.0 | 2.2 | <1.6 | <3.8 | 15 | 0.87 | 1.3 |
| 8/1 | F | 3 | 703 | 445 | 19 | 97.0 | 1.7 | <1.6 | <3.3 | 15 | <0.80 | 2.1 |
| 9/1 | M | 3 | 429 | 375 | 16 | 70.0 | 2.0 | <1.6 | <3.6 | 14 | <0.80 | 1.4 |
| 10/ | M | 2 | 432 | 370 | 13 | 51.0 | 2.3 | <1.6 | <3.9 | 12 | <0.80 | 0.88 |
| 11/ | M | 4 | 882 | 470 | 17 | 63.0 | 2.0 | <1.6 | <3.6 | 16 | <0.80 | 1.2 |
| 12/ | F | 2 | 598 | 390 | 15 | 62.0 | 2.4 | <1.6 | <4.0 | 15 | 0.80 | 1.1 |
| 13/ | F | 3 | 525 | 370 | 16 | 82.0 | <1.6 | <1.6 | <1.6 | 13 | <0.80 | 1.2 |
| 14/ | F | 3 | 567 | 405 | s14 | s61.0 | <1.6 | s2.1 | s<3.7 | 11 | s1.2 | s0.89 |
| 15/ | M | 2 | 390 | 355 | 11 | 48.0 | <1.6 | <1.6 | <1.6 | 7.0 | <0.80 | <0.80 |
| 16/ | F | 3 | 405 | 350 | 22 | 85.0 | <1.6 | <1.6 | <1.6 | 8.8 | <0.80 | 1.4 |
| 17/ | F | 2 | 369 | 345 | 16 | 92.0 | <1.6 | <1.6 | <1.6 | 10 | <0.80 | 1.3 |
| 18/ | F | 2 | 291 | 330 | 18 | 89.0 | 1.8 | <1.6 | <3.4 | 11 | <0.80 | 1.5 |
| 19/ | F | 2 | 326 | 340 | 12 | 54.0 | 1.7 | <1.6 | <3.3 | 8.3 | <0.80 | <0.80 |
| 20/ | M | 2 | 244 | 320 | 12 | 62.0 | <1.6 | <1.6 | <1.6 | 6.6 | <0.80 | 0.92 |
| 21/ | F | 2 | 261 | 315 | 7.9 | 36.9 | 1.8 | <1.6 | <3.4 | 7.3 | <0.80 | <0.80 |
| 22/ | F | 2 | 257 | 315 | 17 | 86.0 | <1.6 | <1.6 | <1.6 | 5.5 | <0.80 | 0.89 |
| 23/ | F | 2 | 242 | 310 | 19 | 83.0 | <1.6 | <1.6 | <1.6 | 8.2 | <0.80 | 1.2 |
| 24/ | M | 2 | 255 | 315 | 31 | 161.0 | <0.60 | <0.60 | <0.6 | 9.8 | <0.30 | 1.8 |
| 25/ | M | 2 | 296 | 320 | 6.6 | 28.6 | 2.1 | 1.7 | 3.8 | 6.9 | <0.80 | <0.80 |
| Mean | | 3 | 478 | 372 | 17,4 | 80,0 | <<1.8 | <<1.6 | <<2.7 | 12,0 | <<0.8 | <1.3 |
| Minimum | | 2 | 242 | 310 | 6,6 | 28,6 | <0.6 | <0.6 | <0.6 | 5,5 | <0.3 | <0.8 |
| Maximum | | 4 | 922 | 470 | 35,0 | 175,0 | 2,5 | 2,1 | 4,6 | 27,0 | 1,0 | 2,6 |
| St.Dev | | 1 | 195 | 47 | 6,7 | 35,3 | ~0.4 | ~0.3 | ~1.2 | 4,8 | ~0.1 | ~0.5 |
| Count | | 25 | 25 | 25 | 24 | 24 | 25 | 24 | 24 | 25 | 24 | 24 |

miss(17) ! Missing value s/q(12) ! Suspect value

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Comments

Station: Varangerfjorden

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour : yellow red
- 2 Age uncertain Liver colour : red yellow
- 3 Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: red yellow
- 4 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour : red yellow
- 5 Skin with ulceration, lymphocytic areas and/or lesions Liver colour: yellow
- 6 Liver colour : yellow
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 8 Gills with Lernaeocera copepods Skin with ulceration, lymphocytic areas and/or lesions
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red yellow
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
Liver colour: yellow
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
Liver colour : yellow
- 14 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
Liver colour: yellow white
- 15 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
Liver colour : yellow
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 17 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
Liver colour : yellow
- 18 Gills with Lernaeocera copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with ulceration, lymphocytic areas and/or lesions Liver colour : yellow red
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour : yellow
- 20 Skin with ulceration, lymphocytic areas and/or lesions Liver colour: yellow
- 21 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
Liver colour: yellow red
- 22 Skin with ulceration, lymphocytic areas and/or lesions Liver colour: red yellow
- 23 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
Liver colour: red yellow
- 24 Skin with ulceration, lymphocytic areas and/or lesions Age uncertain
Liver colour: red yellow
- 25 Skin with ulceration, lymphocytic areas and/or lesions Liver colour : yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20030924** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 3 | 337 | 340 | 3,1 | 32,3 | 11,0 | miss | miss | miss | miss | 1.3 | 2.9 | 10 | 6.2 | 17 | 23 | 32 | 2.1 | 7.8 | <1 | 94 | <103 | | | | |
| 2/1 | M | 3 | 380 | 360 | 3,8 | 37,8 | 17,0 | 0.147 | 12.0 | <0.02 | 32.6 | 2.9 | 7.4 | 25 | 10 | 30 | 40 | 53 | 3.1 | 11 | <1 | 169 | <183 | | | | |
| 3/1 | F | 3 | 411 | 360 | 4,8 | 35,5 | 18,0 | 0.284 | 5.09 | <0.02 | 25.5 | 2.3 | 7.0 | 18 | 7.6 | 21 | 28 | 35 | 2.3 | 7.8 | <1 | 119 | <130 | | | | |
| 4/1 | F | 2 | 348 | 345 | 2,4 | 27,7 | 6,5 | 0.193 | 2.63 | 0.04 | 29.7 | 2.5 | 7.1 | 23 | 11 | 31 | 39 | 48 | 3.2 | 9.9 | <1 | 161 | <176 | | | | |
| 5/1 | F | 3 | 392 | 355 | 5,2 | 39,3 | 21,0 | 0.180 | 4.84 | <0.02 | 27.8 | 1.7 | 4.0 | 13 | 7.0 | 20 | 27 | 38 | 2.3 | 8.3 | <1 | 112 | <122 | | | | |
| 6/1 | F | 3 | 437 | 370 | 7,7 | 54,7 | 48,0 | 0.106 | 3.87 | <0.02 | 21.7 | 2.2 | 6.1 | 19 | 7.5 | 21 | 26 | 32 | 2.3 | 7.4 | <2 | 114 | <126 | | | | |
| 7/1 | F | 4 | 506 | 405 | 7,6 | 33,7 | 11,0 | 0.174 | 3.84 | <0.02 | 28.3 | 1.3 | 4.4 | 14 | 7.2 | 20 | 28 | 33 | 2.3 | 7.6 | <0.5 | 108 | <118 | | | | |
| 8/1 | F | 3 | 561 | 400 | 14,7 | 65,4 | 58,0 | 0.0624 | 2.94 | <0.02 | 13.7 | <3 | 9.2 | 25 | 11 | 30 | 40 | 47 | 3.3 | 12 | <3 | <166 | <181 | | | | |
| 9/1 | F | 3 | 569 | 415 | 11,8 | 60,7 | 51,0 | 0.190 | 3.55 | <0.02 | 17.4 | 4.0 | 10 | 26 | 9.4 | 25 | 28 | 32 | <3 | 8.0 | <3 | 133 | <145 | | | | |
| 10/ | F | 4 | 665 | 420 | 27,6 | 68,2 | 62,0 | 0.0404 | 3.14 | <0.02 | 12.8 | 3.4 | 12 | 29 | 8.9 | 24 | 30 | 36 | <3 | 10 | <3 | 144 | <156 | | | | |
| 11/ | F | 3 | 659 | 420 | 15,1 | 56,8 | 49,0 | 0.0887 | 3.70 | <0.02 | 17.4 | <2 | 5.4 | 14 | 6.5 | 17 | 21 | 27 | <2 | 6.2 | <2 | <93 | <99 | | | | |
| 12/ | M | 3 | 939 | 460 | 31,5 | 58,1 | 51,0 | 0.101 | 6.59 | <0.02 | 20.9 | <2 | 4.5 | 12 | 6.0 | 16 | 20 | 27 | <2 | 6.3 | <2 | <88 | <94 | | | | |
| 13/ | M | 2 | 383 | 355 | 5,2 | 44,8 | 30,0 | 0.191 | 4.52 | <0.02 | 27.8 | 3.7 | 9.6 | 27 | 13 | 36 | 51 | 64 | 4.4 | 16 | <1 | 207 | <226 | | | | |
| 14/ | F | 2 | 464 | 370 | 10,7 | 56,9 | 47,0 | 0.0756 | 4.60 | <0.02 | 18.7 | 2.9 | 7.3 | 20 | 8.1 | 22 | 29 | 36 | 2.4 | 8.5 | <2 | 126 | <138 | | | | |
| 15/ | F | 4 | 412 | 375 | 34,3 | 78,4 | 76,0 | 0.0377 | 0.634 | <0.02 | 10.00 | 4.1 | 12 | 32 | 8.5 | 23 | 30 | 36 | <3 | 11 | <3 | 148 | <160 | | | | |
| 16/ | F | 3 | 601 | 400 | 16,4 | 61,0 | 52,0 | 0.0659 | 3.41 | 0.03 | 20.00 | 3.2 | 11 | 29 | 15 | 39 | 47 | 52 | miss | miss | <2 | 181 | <198 | | | | |
| 17/ | M | 3 | 559 | 405 | 13,4 | 53,1 | 46,0 | 0.0970 | 6.92 | <0.02 | 23.8 | 3.5 | 10 | 27 | 13 | 35 | 48 | 62 | 4.0 | 14 | <2 | 200 | <219 | | | | |
| 18/ | M | 4 | 614 | 410 | 13,9 | 51,2 | 38,0 | 0.198 | 5.24 | 0.02 | 23.5 | 2.5 | 5.7 | 15 | 7.9 | 22 | 28 | 35 | 2.7 | 8.5 | <2 | 117 | <129 | | | | |
| 19/ | M | 4 | 616 | 405 | 17,6 | 65,2 | 57,0 | 0.103 | 5.26 | <0.02 | 18.9 | 2.6 | 7.5 | 19 | 10 | 27 | 34 | 47 | 3.4 | 12 | <2 | 149 | <165 | | | | |
| 20/ | M | 3 | 554 | 410 | 13,7 | 57,9 | 49,0 | 0.0863 | 3.73 | <0.02 | 14.9 | 3.3 | 9.8 | 34 | 17 | 45 | 55 | 67 | 5.1 | 16 | <2 | 230 | <254 | | | | |
| 21/ | M | 4 | 652 | 410 | 21,4 | 65,3 | 60,0 | 0.0884 | 2.57 | <0.02 | 16.1 | 2.3 | 6.4 | 16 | 7.8 | 20 | 25 | 32 | 2.3 | 7.7 | <2 | 109 | <122 | | | | |
| 22/ | F | 4 | 740 | 430 | 16,3 | 54,2 | 45,0 | 0.120 | 5.38 | <0.02 | 20.00 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | | | | | | |
| 23/ | M | 4 | 790 | 460 | 13,6 | 49,7 | 40,0 | 0.0935 | 2.64 | <0.02 | 17.6 | 4.2 | 11 | 34 | 15 | 40 | 52 | 60 | 5.1 | 13 | <2 | 214 | <236 | | | | |
| 24/ | F | 3 | 1024 | 450 | 30,0 | 59,6 | 53,0 | 0.0903 | 6.03 | <0.02 | 18.9 | <2 | 3.8 | 13 | 13 | 34 | 51 | 78 | miss | 15 | miss | <197 | <210 | | | | |
| 25/ | M | 5 | 1181 | 515 | 29,6 | 60,3 | 56,0 | 0.0633 | 5.07 | <0.02 | 19.7 | 6.4 | 16 | 42 | 18 | 45 | 52 | 56 | miss | 11 | miss | 228 | 246 | | | | |
| Mean | | 3 | 592 | 402 | 14,9 | 53,1 | 42,1 | 0,12 | 4,51 | <<0.02 | 20,7 | <2.9 | 7,9 | 22,3 | 10,2 | 27,5 | 35,5 | 44,4 | <3.0 | 10,2 | <<1.8 | <150 | <<164 | | | | |
| Minimum | | 2 | 337 | 340 | 2,4 | 27,7 | 6,5 | 0,04 | 0,63 | <0.02 | 10,0 | 1,3 | 2,9 | 10,0 | 6,0 | 16,0 | 20,0 | 27,0 | <2.0 | 6,2 | <0.5 | <88 | <94 | | | | |
| Maximum | | 5 | 1181 | 515 | 34,4 | 78,4 | 76,0 | 0,28 | 12,00 | 0,04 | 32,6 | 6,4 | 16,0 | 42,0 | 18,0 | 45,0 | 55,0 | 78,0 | 5,1 | 16,0 | <3.0 | 230 | <254 | | | | |
| St.Dev | | 1 | 214 | 42 | 9,5 | 12,7 | 18,4 | 0,06 | 2,14 | ~0.00 | 5,7 | ~1.1 | 3,2 | 8,4 | 3,5 | 8,9 | 11,3 | 14,2 | ~0.9 | 3,0 | ~0.7 | ~45 | ~49 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 21 | 23 | 22 | 24 | 24 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|------|------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 3 | 337 | 340 | 6.1 | 43.1 | <1 | <1 | <1.0 | 3.2 | miss | miss |
| 2/1 | M | 3 | 380 | 360 | 17 | 83.0 | <1 | <1 | <1.0 | 7.3 | miss | miss |
| 3/1 | F | 3 | 411 | 360 | 14 | 67.0 | <1 | <1 | <1.0 | 6.3 | miss | miss |
| 4/1 | F | 2 | 348 | 345 | 12 | 61.0 | <1 | <1 | <1.0 | 5.7 | miss | miss |
| 5/1 | F | 3 | 392 | 355 | 9.9 | 58.9 | <1 | <1 | <1.0 | 4.8 | miss | miss |
| 6/1 | F | 3 | 437 | 370 | 10 | 53.0 | <2 | <2 | <2.0 | 7.9 | miss | miss |
| 7/1 | F | 4 | 506 | 405 | 9.1 | 52.1 | <0.5 | <0.5 | <0.5 | 3.7 | miss | miss |
| 8/1 | F | 3 | 561 | 400 | 12 | 85.0 | <3 | <3 | <3.0 | 14 | miss | miss |
| 9/1 | F | 3 | 569 | 415 | 12 | 61.0 | <3 | <3 | <3.0 | 26 | miss | miss |
| 10/ | F | 4 | 665 | 420 | 23 | 109.0 | <3 | <3 | <3.0 | 22 | miss | miss |
| 11/ | F | 3 | 659 | 420 | 5.6 | 40.6 | <2 | <2 | <2.0 | 8.5 | miss | <1 |
| 12/ | M | 3 | 939 | 460 | 5.1 | 35.1 | <2 | <2 | <2.0 | 7.9 | miss | <1 |
| 13/ | M | 2 | 383 | 355 | 21 | 113.0 | 1.1 | 1.1 | 2.2 | 10 | miss | 2.1 |
| 14/ | F | 2 | 464 | 370 | 9.8 | 59.8 | <2 | <2 | <2.0 | 10 | miss | 1.1 |
| 15/ | F | 4 | 412 | 375 | 23 | 112.0 | <3 | <3 | <3.0 | 24 | miss | 2.1 |
| 16/ | F | 3 | 601 | 400 | 11 | 74.0 | <2 | <2 | <2.0 | 10 | miss | 1.6 |
| 17/ | M | 3 | 559 | 405 | 12 | 80.0 | <2 | <2 | <2.0 | 12 | miss | 1.6 |
| 18/ | M | 4 | 614 | 410 | 8.5 | 52.5 | <2 | <2 | <2.0 | 8.7 | miss | 1.2 |
| 19/ | M | 4 | 616 | 405 | 7.7 | 63.7 | <2 | <2 | <2.0 | 8.9 | miss | 1.8 |
| 20/ | M | 3 | 554 | 410 | 18 | 102.0 | <2 | <2 | <2.0 | 14 | miss | 2.3 |
| 21/ | M | 4 | 652 | 410 | 6.0 | 43.0 | <2 | <2 | <2.0 | 12 | miss | 1.0 |
| 22/ | F | 4 | 740 | 430 | miss | miss | miss | miss | miss | miss | miss | miss |
| 23/ | M | 4 | 790 | 460 | 27 | 147.0 | 2.4 | <2 | <4.4 | 16 | miss | 2.9 |
| 24/ | F | 3 | 1024 | 450 | 4.5 | 54.5 | 2.5 | 2.5 | 5.0 | 8.5 | miss | <1 |
| 25/ | M | 5 | 1181 | 515 | 25 | 114.0 | 2.6 | <2 | <4.6 | 25 | miss | 2.4 |
| Mean | | 3 | 592 | 402 | 12,9 | 73,5 | <<1.9 | <<1.9 | <<2.2 | 11,5 | | <1.7 |
| Minimum | | 2 | 337 | 340 | 4,5 | 35,1 | <0.5 | <0.5 | <0.5 | 3,2 | | <1.0 |
| Maximum | | 5 | 1181 | 515 | 27,0 | 147,0 | <3.0 | <3.0 | 5,0 | 26,0 | | 2,9 |
| St.Dev | | 1 | 214 | 42 | 6,7 | 29,0 | ~0.7 | ~0.7 | ~1.2 | 6,6 | | ~0.6 |
| Count | | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | | 14 |

miss(61) ! Missing value

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Comments

Station: Varangerfjorden Fish sampled in sept.2003 before 25.sept.

sample no.

- 1 Age uncertain Liver colour: red yellow
- 2 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: red yellow
- 3 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver colour: yellow red
- 4 Age uncertain Liver colour: red yellow
- 5 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: yellow red
- 6 Age uncertain Liver colour: yellow red
- 7 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow grey
- 8 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver colour: yellow grey
- 9 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 10 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow grey
- 12 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 13 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 14 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow
- 15 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
- 16 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow
- 17 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow grey
- 18 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow
- 19 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow
- 20 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow
- 21 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 22 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow
- 23 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: red yellow
- 24 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: red yellow
- 25 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20041030** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | 0.01 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 438 | 360 | 12,1 | 45,6 | 32,0 | 0.102 | 5.34 | <0.02 | 17.7 | <1 | 3.2 | 16 | 5.5 | 16 | 20 | 25 | 1.2 | 4.8 | <1 | <86 | <93 | |
| 2/1 | F | 2 | 526 | 365 | 17,7 | 60,0 | 58,0 | 0.145 | 1.80 | 0.03 | 19.5 | 2.5 | 6.1 | 23 | 14 | 33 | 42 | 52 | 2.7 | 10 | <1 | 169 | <186 | |
| 3/1 | F | 2 | 397 | 350 | 6,7 | 42,5 | 29,0 | 0.104 | 3.71 | <0.02 | 20.4 | 1.5 | 4.8 | 18 | 9.9 | 26 | 39 | 55 | 2.5 | 12 | <1 | 156 | <170 | |
| 4/1 | M | 2 | 272 | 320 | 2,7 | 32,8 | 17,0 | 0.0899 | 6.48 | 0.02 | 21.4 | 1.2 | 3.4 | 14 | 7.3 | 21 | 29 | 40 | 2.3 | 9.9 | <1 | 119 | <129 | |
| 5/1 | F | 2 | 263 | 320 | 3,7 | 43,9 | 31,0 | miss | miss | miss | miss | 2.6 | 9.2 | 38 | 15 | 37 | 43 | 48 | 2.9 | 9.1 | <1 | 187 | <206 | |
| 6/1 | M | 2 | 330 | 335 | 4,1 | 36,4 | 21,0 | miss | miss | miss | miss | 1.4 | 3.0 | 14 | 16 | 38 | 41 | 75 | 2.3 | 10 | <1 | 182 | <202 | |
| 7/1 | M | 2 | 260 | 320 | 2,4 | 36,4 | 29,0 | miss | miss | miss | miss | 1.7 | 5.2 | 22 | 8.1 | 21 | 33 | 47 | 2.2 | 9.9 | <1 | 140 | <151 | |
| 8/1 | F | 2 | 283 | 330 | 3,3 | 28,8 | 13,0 | miss | miss | miss | miss | 1.6 | 4.6 | 17 | 7.9 | 22 | 31 | 41 | 2.2 | 9.3 | <1 | 127 | <138 | |
| 9/1 | M | 2 | 264 | 310 | 7,3 | 43,2 | 24,0 | miss | miss | miss | miss | <1 | 3.0 | 16 | 7.3 | 19 | 24 | 26 | 1.6 | 5.3 | <1 | <94 | <103 | |
| 10/ | F | 3 | 278 | 315 | 6,9 | 52,9 | 45,0 | miss | miss | miss | miss | 2.2 | 7.2 | 34 | 12 | 34 | 45 | 54 | 3.1 | 12 | <1 | 188 | <205 | |
| 11/ | M | 2 | 230 | 305 | 5,1 | 48,2 | 41,0 | miss | miss | miss | miss | 1.5 | 4.9 | 25 | 8.2 | 23 | 29 | 34 | 1.8 | 6.9 | <1 | 124 | <135 | |
| 12/ | M | 2 | 208 | 300 | 2,9 | 35,2 | 22,0 | miss | miss | miss | miss | 1.2 | 6.1 | 32 | 18 | 48 | 57 | 62 | 4.7 | 14 | <1 | 220 | <244 | |
| 13/ | M | 2 | 239 | 300 | 2,3 | 35,2 | 25,0 | miss | miss | miss | miss | 1.7 | 3.5 | 13 | 7.2 | 18 | 28 | 40 | 2.2 | 8.9 | <1 | 113 | <124 | |
| 14/ | M | 2 | 262 | 310 | 11,8 | 58,7 | 52,0 | miss | miss | miss | miss | <2 | 3.5 | 16 | 2.7 | 7.2 | 11 | 14 | <2 | 2.8 | <2 | <57 | <59 | |
| 15/ | F | 3 | 243 | 310 | 3,8 | 40,8 | 26,0 | miss | miss | miss | miss | 2.0 | 5.9 | 22 | 9.0 | 25 | 40 | 57 | 2.7 | 13 | <1 | 165 | <178 | |
| 16/ | M | 2 | 198 | 295 | 2,0 | 34,0 | 21,0 | miss | miss | miss | miss | 2.3 | 7.6 | 31 | 13 | 35 | 50 | 63 | 4.4 | 15 | <1 | 204 | <222 | |
| 17/ | M | 2 | 227 | 285 | 4,4 | 59,7 | 51,0 | miss | miss | miss | miss | <2 | 2.4 | 10 | 2.6 | 7.6 | 11 | 16 | <2 | 3.1 | <2 | <52 | <55 | |
| 18/ | F | 2 | 178 | 290 | 1,9 | 28,6 | 11,0 | miss | miss | miss | miss | 1.0 | 3.0 | 13 | 5.8 | 17 | 26 | 37 | 1.8 | 7.8 | <1 | 105 | <113 | |
| 19/ | F | 3 | 206 | 285 | 1,9 | 23,3 | 7,7 | miss | miss | miss | miss | <1 | 1.5 | 8.0 | 3.8 | 10 | 16 | 23 | 1.2 | 5.0 | <1 | <65 | <70 | |
| 20/ | F | 2 | 209 | 280 | 4,9 | 50,9 | 42,0 | miss | miss | miss | miss | <2 | 3.8 | 16 | 10 | 24 | 23 | 39 | <2 | 5.1 | <2 | <113 | <123 | |
| 21/ | M | 2 | 171 | 275 | 1,9 | 24,1 | 11,0 | miss | miss | miss | miss | <1 | 3.5 | 14 | 6.6 | 18 | 27 | 32 | 1.7 | 6.2 | <1 | <102 | <110 | |
| 22/ | F | 1 | 156 | 280 | 1,9 | 34,6 | 22,0 | miss | miss | miss | miss | 1.3 | 3.0 | 15 | 8.5 | 24 | 35 | 54 | 2.5 | 11 | <1 | 143 | <155 | |
| 23/ | M | 2 | 161 | 270 | 1,4 | 23,1 | 14,0 | miss | miss | miss | miss | 1.6 | 5.4 | 23 | 10 | 31 | 43 | 52 | 2.8 | 11 | <1 | 167 | <181 | |
| 24/ | F | 2 | 166 | 275 | 1,7 | 32,1 | 19,0 | miss | miss | miss | miss | 1.3 | 3.8 | 19 | 6.8 | 22 | 31 | 40 | 2.0 | 8.2 | <1 | 125 | <135 | |
| 25/ | M | 2 | 158 | 265 | 1,1 | 39,1 | 32,0 | miss | miss | miss | miss | 1.7 | 3.7 | 16 | 7.7 | 25 | 33 | 45 | 1.7 | 6.7 | <1 | 131 | <142 | |
| Mean | | 2 | 253 | 306 | 4,6 | 39,6 | 27,8 | 0,11 | 4,33 | <<0.02 | 19,8 | <<1.6 | 4,5 | 19,4 | 8,9 | 24,1 | 32,3 | 42,8 | <2.3 | 8,7 | <<1.1 | <<133 | <<145 | |
| Minimum | | 1 | 156 | 265 | 1,1 | 23,1 | 7,7 | 0,09 | 1,80 | <0.02 | 17,7 | <1.0 | 1,5 | 8,0 | 2,6 | 7,2 | 11,0 | 14,0 | 1,2 | 2,8 | <1.0 | <52 | <55 | |
| Maximum | | 3 | 526 | 365 | 17,7 | 60,0 | 58,0 | 0,15 | 6,48 | 0,03 | 21,4 | 2,6 | 9,2 | 38,0 | 18,0 | 48,0 | 57,0 | 75,0 | 4,7 | 15,0 | <2.0 | 220 | <244 | |
| St.Dev | | 0 | 90 | 27 | 4,0 | 10,9 | 13,7 | 0,02 | 2,04 | ~0.00 | 1,6 | ~0.5 | 1,8 | 7,6 | 3,9 | 9,8 | 11,5 | 15,1 | ~0.8 | 3,3 | ~0.3 | ~45 | ~50 | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 4 | 4 | 4 | 4 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 |
| Detection limit => | | | | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 438 | 360 | 6.0 | 36.0 | <1 | <1 | <1.0 | 4.9 | <0.5 | 0.54 |
| 2/1 | F | 2 | 526 | 365 | 9.4 | 68.4 | 1.6 | 1.1 | 2.7 | 11 | miss | 1.2 |
| 3/1 | F | 2 | 397 | 350 | 10 | 63.0 | <1 | <1 | <1.0 | 5.1 | <0.5 | 0.89 |
| 4/1 | M | 2 | 272 | 320 | 9.5 | 64.5 | <1 | <1 | <1.0 | 3.9 | <0.5 | 0.89 |
| 5/1 | F | 2 | 263 | 320 | 16 | 78.0 | <1 | <1 | <1.0 | 8.5 | <0.5 | 1.1 |
| 6/1 | M | 2 | 330 | 335 | 8.1 | 86.1 | <1 | <1 | <1.0 | 4.1 | <0.5 | 0.76 |
| 7/1 | M | 2 | 260 | 320 | 9.5 | 60.5 | <1 | <1 | <1.0 | 5.6 | <0.5 | 0.73 |
| 8/1 | F | 2 | 283 | 330 | 15 | 72.0 | <1 | <1 | <1.0 | 3.4 | <0.5 | 0.78 |
| 9/1 | M | 2 | 264 | 310 | 5.5 | 38.5 | <1 | <1 | <1.0 | 2.8 | <0.5 | <0.5 |
| 10/ | F | 3 | 278 | 315 | 15 | 88.0 | 1.3 | <1 | <2.3 | 10 | miss | 1.6 |
| 11/ | M | 2 | 230 | 305 | 7.0 | 46.0 | 1.1 | <1 | <2.1 | 6.6 | miss | 0.67 |
| 12/ | M | 2 | 208 | 300 | 10 | 69.0 | <1 | <1 | <1.0 | 3.9 | <0.5 | 1.2 |
| 13/ | M | 2 | 239 | 300 | 7.9 | 46.9 | <1 | <1 | <1.0 | 4.6 | <0.5 | 0.73 |
| 14/ | M | 2 | 262 | 310 | 3.2 | 23.2 | <2 | <2 | <2.0 | 6.1 | <1 | <1 |
| 15/ | F | 3 | 243 | 310 | 11 | 70.0 | <1 | <1 | <1.0 | 6.8 | 0.79 | 0.81 |
| 16/ | M | 2 | 198 | 295 | 16 | 99.0 | <1 | <1 | <1.0 | 5.4 | <0.5 | 1.3 |
| 17/ | M | 2 | 227 | 285 | 2.2 | 19.2 | <2 | <2 | <2.0 | 5.7 | <1 | <1 |
| 18/ | F | 2 | 178 | 290 | 6.6 | 49.6 | <1 | <1 | <1.0 | 2.4 | <0.5 | <0.5 |
| 19/ | F | 3 | 206 | 285 | 4.9 | 32.9 | <1 | <1 | <1.0 | 1.9 | <0.5 | <0.5 |
| 20/ | F | 2 | 209 | 280 | 4.0 | 45.0 | <2 | <2 | <2.0 | 5.3 | <1 | <1 |
| 21/ | M | 2 | 171 | 275 | 6.7 | 44.7 | <1 | <1 | <1.0 | 2.0 | <0.5 | <0.5 |
| 22/ | F | 1 | 156 | 280 | 6.5 | 54.5 | <1 | <1 | <1.0 | 5.1 | <0.5 | 0.59 |
| 23/ | M | 2 | 161 | 270 | 12 | 67.0 | <1 | <1 | <1.0 | 3.2 | <0.5 | 0.86 |
| 24/ | F | 2 | 166 | 275 | 7.5 | 47.5 | <1 | <1 | <1.0 | 3.4 | <0.5 | 0.53 |
| 25/ | M | 2 | 158 | 265 | 5.7 | 55.7 | 1.0 | <1 | <2.0 | 6.0 | <0.5 | 0.65 |
| Mean | | 2 | 253 | 306 | 8,6 | 57,0 | <<1.2 | <<1.1 | <<1.3 | 5,1 | <<0.6 | <<0.8 |
| Minimum | | 1 | 156 | 265 | 2,2 | 19,2 | <1.0 | <1.0 | <1.0 | 1,9 | <0.5 | <0.5 |
| Maximum | | 3 | 526 | 365 | 16,0 | 99,0 | <2.0 | <2.0 | 2,7 | 11,0 | <1.0 | 1,6 |
| St.Dev | | 0 | 90 | 27 | 3,9 | 19,9 | ~0.3 | ~0.3 | ~0.5 | 2,3 | ~0.2 | ~0.3 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 22 | 25 |

miss(87) ! Missing value

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Comments

Station: Varangerfjorden Sampled whole october

sample no.

- 1 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: white yellow
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 3 Liver colour: white red
- 4 Liver colour: red brown
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 6 Liver colour: red yellow
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 8 Liver colour: red brown
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red yellow
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: red brown
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 14 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: white red
- 15 Liver colour: red brown
- 16 Liver colour: white red
- 17 Liver colour: white red
- 18 Liver colour: red brown
- 19 Liver colour: white red
- 20 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
- 21 Liver colour: red brown
- 22 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: red white
- 23 Liver colour: red brown
- 24 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: white red
- 25 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: red

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20051012** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 3 | 336 | 341 | 4,0 | 41,0 | 27,0 | 0.133 | 2.47 | <0.02 | 24.8 | 1.2 | 3.2 | 11 | 6.2 | 19 | 27 | 46 | s2.2 | 10 | <0.5 | 117 | s<126 | | | | |
| 2/1 | M | 3 | 409 | 350 | 13,6 | 58,0 | 46,0 | 0.082 | 4.87 | <0.02 | 16.3 | 1.5 | 7.4 | 25 | 17 | 44 | 49 | 57 | s4.2 | 8.9 | <0.8 | 193 | s<215 | | | | |
| 3/1 | M | 3 | 366 | 342 | 7,3 | 49,0 | 43,0 | 0.069 | 3.10 | 0.03 | 18.4 | 2.1 | 6.3 | 20 | 8.9 | 30 | 44 | 69 | s3.2 | 14 | <1.2 | 185 | s<199 | | | | |
| 4/1 | M | 3 | 356 | 351 | 5,3 | 42,0 | 30,0 | 0.141 | 2.47 | 0.02 | 21.8 | 2.3 | 7.4 | 17 | 6.8 | 24 | 34 | 48 | s2.2 | 7.6 | <0.6 | 140 | s<150 | | | | |
| 5/1 | M | 3 | 420 | 352 | 16,1 | 53,0 | 48,0 | 0.067 | 1.93 | <0.02 | 13.9 | 1.7 | 4.5 | 12 | 5.1 | 17 | 21 | 29 | s1.5 | 5.0 | <1.0 | 90 | s<98 | | | | |
| 6/1 | F | 2 | 371 | 370 | 7,3 | 46,0 | 34,0 | 0.147 | 4.12 | 0.02 | 19.1 | 1.0 | 3.2 | 9.2 | 3.5 | 12 | 16 | 22 | s0.90 | 3.7 | <0.6 | 67 | s<72 | | | | |
| 7/1 | M | 3 | 491 | 375 | 12,9 | 71,0 | 69,0 | 0.035 | 2.61 | <0.02 | 12.0 | 1.5 | 4.1 | 10 | 4.1 | 14 | 18 | 25 | <1.4 | 4.6 | <1.4 | 77 | <83 | | | | |
| 8/1 | M | 3 | 578 | 375 | 22,2 | 58,0 | 48,0 | 0.045 | 4.45 | <0.02 | 15.2 | <2 | <2 | 4.3 | 3.0 | 9.5 | 12 | 19 | <2 | 3.1 | <2 | <50 | <53 | | | | |
| 9/1 | F | 3 | 529 | 390 | 17,6 | 59,0 | 52,0 | 0.074 | 5.24 | <0.02 | 17.7 | 1.1 | 3.1 | 9.2 | 3.7 | 12 | 15 | 21 | 1.2 | 3.7 | <0.6 | 65 | <71 | | | | |
| 10/ | M | 3 | 557 | 400 | 11,0 | 57,0 | 46,0 | 0.115 | 3.92 | <0.02 | 18.4 | 2.1 | 6.1 | 21 | 7.9 | 28 | 41 | 60 | s2.5 | 10 | <0.6 | 168 | s<179 | | | | |
| 11/ | M | 3 | 690 | 420 | 14,3 | 55,0 | 47,0 | 0.091 | 7.87 | <0.02 | 19.7 | 1.7 | 3.4 | 10 | 6.8 | 21 | 29 | 44 | s2.1 | 8.5 | <0.8 | 118 | s<127 | | | | |
| 12/ | M | 5 | 1473 | 540 | 41,7 | 64,0 | 58,0 | 0.079 | 3.79 | <0.02 | 17.6 | 2.7 | 7.1 | 19 | 9.4 | 31 | 36 | 46 | s2.6 | 8.4 | <0.8 | 150 | s<163 | | | | |
| 13/ | M | 3 | 318 | 325 | 4,9 | 51,0 | 43,0 | 0.057 | 2.70 | 0.04 | 13.4 | 2.8 | 6.5 | 13 | 4.9 | 18 | 23 | 32 | s1.7 | 5.4 | <0.8 | 101 | s<108 | | | | |
| 14/ | M | 3 | 437 | 372 | 4,6 | 35,0 | 25,0 | 0.155 | 5.37 | 0.03 | 26.3 | 1.2 | 2.5 | 9.0 | 8.7 | 2.1 | 33 | 48 | 2.4 | 8.0 | <1 | 104 | <116 | | | | |
| 15/ | M | 3 | 404 | 355 | 3,2 | 36,0 | 35,0 | 0.058 | 2.59 | 0.11 | 25.1 | 1.4 | 2.6 | 5.6 | 4.9 | 2.6 | 19 | 26 | 1.8 | 6.6 | <1 | 64 | <72 | | | | |
| 16/ | F | 4 | 564 | 386 | 20,4 | 60,0 | 51,0 | 0.083 | 4.26 | <0.02 | 17.9 | 1.3 | 2.4 | 3.9 | 3.1 | 8.4 | 10 | 14 | 1.1 | 3.0 | <1 | 43 | <48 | | | | |
| 17/ | F | 4 | 509 | 385 | 10,8 | 56,0 | 47,0 | 0.079 | 4.40 | <0.02 | 17.0 | 2.2 | 5.7 | 14 | 7.2 | 19 | 27 | 36 | 1.9 | 6.7 | <1 | 111 | <121 | | | | |
| 18/ | M | 4 | 470 | 368 | 11,5 | 56,0 | 48,0 | 0.063 | 2.01 | 0.02 | 12.7 | 1.2 | 3.4 | 7.5 | 4.1 | 4.0 | 13 | 20 | 1.4 | 4.6 | <1 | 54 | <60 | | | | |
| 19/ | F | 3 | 449 | 392 | 7,1 | 47,0 | 35,0 | 0.190 | 6.72 | 0.02 | 22.2 | 1.6 | 3.3 | 10 | 6.0 | 16 | 20 | 31 | 1.7 | 4.8 | <1 | 87 | <95 | | | | |
| 20/ | M | 3 | 614 | 400 | 15,2 | 60,0 | 54,0 | 0.091 | 3.06 | <0.02 | 15.9 | 2.3 | 4.5 | 13 | 7.7 | 4.5 | 24 | 32 | 2.3 | 5.9 | <1 | 86 | <97 | | | | |
| 21/ | M | 3 | 547 | 380 | 19,2 | 64,0 | 62,0 | 0.071 | 6.11 | 0.07 | 18.3 | 1.6 | 3.6 | 7.0 | 4.0 | 11 | 12 | 17 | <1.5 | 4.5 | <1.5 | 57 | <62 | | | | |
| 22/ | F | 3 | 651 | 405 | 17,0 | 55,0 | 43,0 | 0.075 | 6.17 | <0.02 | 19.0 | 2.0 | 7.7 | 36 | 28 | 69 | 86 | 100 | 6.9 | 16 | <1.5 | 317 | <353 | | | | |
| 23/ | M | 3 | 623 | 428 | 10,9 | 52,0 | 45,0 | 0.103 | 5.09 | <0.02 | 16.5 | 2.1 | 4.9 | 13 | 6.3 | 18 | 25 | 34 | 2.0 | 6.7 | <1.5 | 104 | <114 | | | | |
| 24/ | F | 3 | 835 | 431 | 29,1 | 64,0 | 69,0 | 0.081 | 4.34 | <0.02 | 15.0 | 2.5 | 6.4 | 15 | 8.3 | 25 | 27 | 36 | 2.3 | 6.7 | <1.5 | 119 | <131 | | | | |
| 25/ | M | 4 | 899 | 465 | 24,4 | 53,0 | 44,0 | 0.076 | 6.89 | <0.02 | 17.1 | 2.9 | 6.9 | 20 | 13 | 37 | 40 | 54 | 3.2 | 10 | <1.5 | 171 | <189 | | | | |
| Mean | | 3 | 556 | 388 | 14,1 | 53,7 | 46,0 | 0,09 | 4,26 | <<0.03 | 18,1 | <1.8 | <4.7 | 13,4 | 7,5 | 19,8 | 28,0 | 38,6 | <2.2 | 7,1 | <<1.0 | <114 | <<111 | | | | |
| Minimum | | 2 | 318 | 325 | 3,2 | 35,0 | 25,0 | 0,04 | 1,93 | <0.02 | 12,0 | 1,0 | <2.0 | 3,9 | 3,0 | 2,1 | 10,0 | 14,0 | 1,1 | 3,0 | <0.5 | 43 | <48 | | | | |
| Maximum | | 5 | 1473 | 540 | 41,7 | 71,0 | 69,0 | 0,19 | 7,87 | 0,11 | 26,3 | 2,9 | 7,7 | 36,0 | 28,0 | 69,0 | 86,0 | 100,0 | 6,9 | 16,0 | <2.0 | 317 | <353 | | | | |
| St.Dev | | 1 | 241 | 45 | 8,9 | 8,9 | 11,3 | 0,04 | 1,64 | ~0.02 | 3,7 | ~0.6 | ~1.8 | 7,2 | 5,3 | 14,8 | 16,1 | 19,4 | ~1.4 | 3,2 | ~0.4 | ~60 | ~76 | | | | |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 15 | 25 | 25 | 25 | 15 | | | |

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 3 | 336 | 341 | 2.6 | 5.9 | 41.5 | 0.70 | <0.5 | <1.2 | 4.7 | 1.1 | 0.73 |
| 2/1 | M | 3 | 409 | 350 | 7.5 | 7.5 | 51.0 | 1.1 | <0.8 | <1.9 | 6.8 | 1.4 | 1.0 |
| 3/1 | M | 3 | 366 | 342 | 6.3 | 11 | 59.3 | <1.2 | <1.2 | <1.2 | 7.8 | 2.3 | <1.2 |
| 4/1 | M | 3 | 356 | 351 | 7.4 | 13 | 80.4 | 0.73 | <0.6 | <1.3 | 7.0 | 1.4 | 1.1 |
| 5/1 | M | 3 | 420 | 352 | 4.7 | 7.2 | 40.9 | 1.3 | <1.0 | <2.3 | 7.7 | 1.7 | <1.0 |
| 6/1 | F | 2 | 371 | 370 | 3.6 | 4.9 | 33.5 | 0.80 | <0.6 | <1.4 | 4.5 | 1.2 | <0.6 |
| 7/1 | M | 3 | 491 | 375 | <6.0 | 6.0 | <35.0 | 1.7 | <1.4 | <3.1 | 8.7 | 2.5 | <1.4 |
| 8/1 | M | 3 | 578 | 375 | <6 | <4 | <19.0 | <2 | <2 | <2.0 | 4.8 | 1.1 | <2 |
| 9/1 | F | 3 | 529 | 390 | 3.2 | 3.9 | 28.1 | 1.2 | 0.62 | 1.8 | 6.6 | 1.4 | <0.6 |
| 10/ | M | 3 | 557 | 400 | 8.4 | 11 | 85.4 | 1.1 | 0.65 | 1.8 | 11 | 1.9 | 1.4 |
| 11/ | M | 3 | 690 | 420 | <3.2 | 7.4 | <47.6 | 1.2 | <0.8 | <2.0 | 7.1 | 1.4 | 0.93 |
| 12/ | M | 5 | 1473 | 540 | 9.1 | 13 | 82.1 | 1.4 | <0.8 | <2.2 | 16 | 2.7 | 1.8 |
| 13/ | M | 3 | 318 | 325 | 5.8 | 10 | 57.8 | 1.0 | <0.8 | <1.8 | 10 | 1.9 | 0.93 |
| 14/ | M | 3 | 437 | 372 | 3.8 | 7.3 | 55.1 | <1 | <1 | <1.0 | 5.1 | 0.76 | <1 |
| 15/ | M | 3 | 404 | 355 | <3 | 4.0 | <37.0 | <1 | <1 | <1.0 | 6.9 | 1.5 | <1 |
| 16/ | F | 4 | 564 | 386 | <3 | 4.0 | <25.0 | 1.4 | 1.1 | 2.5 | 6.4 | 1.4 | <1 |
| 17/ | F | 4 | 509 | 385 | 6.6 | 11 | 57.6 | 1.4 | <1 | <2.4 | 9.6 | 1.9 | 1.1 |
| 18/ | M | 4 | 470 | 368 | 3.0 | 5.5 | 34.5 | 1.3 | <1 | <2.3 | 6.1 | 1.6 | <1 |
| 19/ | F | 3 | 449 | 392 | <3 | 6.3 | <48.3 | 1.2 | <1 | <2.2 | 6.5 | 1.3 | <1 |
| 20/ | M | 3 | 614 | 400 | 4.0 | 6.6 | 41.6 | 1.6 | <1 | <2.6 | 9.5 | 3.4 | <1 |
| 21/ | M | 3 | 547 | 380 | <3 | 5.1 | <36.1 | 1.7 | <1.5 | <3.2 | 8.3 | 2.2 | <1.5 |
| 22/ | F | 3 | 651 | 405 | 8.7 | 14 | 87.7 | <1.5 | <1.5 | <1.5 | 10 | 1.7 | <1.5 |
| 23/ | M | 3 | 623 | 428 | 5.5 | 9.5 | 53.0 | <1.5 | <1.5 | <1.5 | 8.4 | 2.0 | <1.5 |
| 24/ | F | 3 | 835 | 431 | 7.5 | 13 | 71.5 | 2.0 | <1.5 | <3.5 | 11 | 2.2 | <1.5 |
| 25/ | M | 4 | 899 | 465 | 5.9 | 14 | 68.9 | <1.5 | <1.5 | <1.5 | 11 | 1.9 | <1.5 |
| Mean | | 3 | 556 | 388 | <<5.2 | <8.2 | <<51.1 | <<1.3 | <<1.1 | <<2.0 | 8,1 | 1,8 | <<1.2 |
| Minimum | | 2 | 318 | 325 | 2,6 | 3,9 | <19.0 | 0,7 | <0.5 | <1.0 | 4,5 | 0,8 | <0.6 |
| Maximum | | 5 | 1473 | 540 | 9,1 | 14,0 | 87,7 | 2,0 | <2.0 | <3.5 | 16,0 | 3,4 | <2.0 |
| St.Dev | | 1 | 241 | 45 | ~2.1 | ~3.4 | ~19.4 | ~0.3 | ~0.4 | ~0.7 | 2,6 | 0,6 | ~0.3 |
| Count | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

s/q(20) ! Suspect value

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Comments

Station: Varangerfjorden Fish 8,11,12,14,19,20,23,24 sampled 14.nov.2005
Rest of the fish sampled 12.oct.2005

sample no.

- 1 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow grey
- 2 Liver colour: yellow
- 3 Liver colour: yellow red
- 4 Liver colour: yellow
- 5 sex uncertain Liver colour: yellow
- 6 Liver colour: yellow red
- 7 Liver colour: red yellow
- 8 Liver colour: yellow red
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 11 Liver colour: red yellow
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 13 Sex uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
- 14 Liver colour: yellow red
- 15 Liver colour: yellow red
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Liver colour: yellow red
- 17 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 18 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 19 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red
- 20 Liver colour: yellow red
- 21 Liver colour: yellow red
- 22 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 23 Liver colour: yellow
- 24 Liver colour: yellow red
- 25 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20061125** Count: 10 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Mean | | | | 0.00 | | | | | | | | | | | | | | | | | 1 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 5 | 1020 | 470 | 19,1 | 1,7 | 35,0 | 0.0894 | 3.86 | <0.02 | 23.3 | <2.0 | 4.4 | 17 | 12 | 33 | 50 | 63 | 3.3 | 15 | <2.0 | <184 | <200 | |
| 2/1 | M | 4 | 885 | 430 | 11,1 | 2,0 | 44,0 | 0.202 | 8.30 | <0.02 | 24.2 | <2.0 | 3.5 | 16 | 8.9 | 21 | 29 | 39 | <2.0 | 9.9 | <2.0 | <120 | <129 | |
| 3/1 | F | 3 | 631 | 425 | 7,8 | 1,6 | 21,0 | 0.217 | 8.29 | <0.02 | 27.3 | 1.8 | 4.5 | 11 | 5.8 | 16 | 24 | 32 | 1.4 | 7.3 | <1.0 | 97 | <105 | |
| 4/1 | M | 4 | 685 | 405 | 25,1 | 2,1 | 60,0 | 0.0644 | 5.45 | <0.02 | 15.0 | <2.0 | 3.6 | miss | 5.0 | 18 | 22 | 27 | <2.0 | 5.4 | <2.0 | <78 | <83 | |
| 5/1 | M | 3 | 402 | 350 | 4,9 | 1,7 | 27,0 | miss | miss | miss | miss | <2.0 | 2.4 | 14 | 8.6 | 21 | 30 | 41 | <2.0 | 9.5 | <2.0 | <120 | <129 | |
| 6/1 | F | 3 | 356 | 340 | 10,0 | 1,8 | 49,0 | 0.0617 | 4.06 | <0.02 | 18.8 | <2.0 | 2.4 | miss | 6.2 | 15 | 18 | 23 | <2.0 | 5.3 | <2.0 | <66 | <72 | |
| 7/1 | M | 2 | 283 | 325 | 7,6 | 2,0 | 46,0 | 0.0779 | 4.03 | <0.02 | 14.8 | <2.0 | 2.3 | miss | 12 | 16 | 19 | 24 | <2.0 | 4.7 | <2.0 | <68 | <80 | |
| 8/1 | M | 2 | 258 | 310 | 4,1 | 1,5 | 39,0 | miss | miss | miss | miss | 2.3 | 6.7 | miss | 9.7 | 23 | 33 | 44 | <2.0 | 11 | <2.0 | 120 | <132 | |
| 9/1 | M | 2 | 299 | 310 | 12,1 | 1,8 | 53,0 | 0.017 | 2.30 | <0.02 | 6.21 | <2.0 | 3.2 | miss | 4.2 | 10 | 12 | 14 | <2.0 | <2.0 | <2.0 | <41 | <45 | |
| 10/ | M | 2 | 225 | 300 | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | miss | |
| Mean | | 3 | 504 | 367 | 11,3 | 1,8 | 41,6 | 0,10 | 5,18 | <<0.02 | 18,5 | <<2.0 | 3,7 | 14,5 | 8,0 | 19,2 | 26,3 | 34,1 | <<2.1 | <7.8 | <<1.9 | <<99 | <<108 | |
| Minimum | | 2 | 225 | 300 | 4,1 | 1,5 | 21,0 | 0,02 | 2,30 | <0.02 | 6,2 | 1,8 | 2,3 | 11,0 | 4,2 | 10,0 | 12,0 | 14,0 | 1,4 | <2.0 | <1.0 | <41 | <45 | |
| Maximum | | 5 | 1020 | 470 | 25,1 | 2,1 | 60,0 | 0,22 | 8,30 | <0.02 | 27,3 | 2,3 | 6,7 | 17,0 | 12,0 | 33,0 | 50,0 | 63,0 | 3,3 | 15,0 | <2.0 | <184 | <200 | |
| St.Dev | | 1 | 283 | 61 | 6,8 | 0,2 | 12,4 | 0,08 | 2,31 | ~0.00 | 7,2 | ~0.1 | 1,4 | 2,6 | 2,9 | 6,5 | 11,1 | 14,5 | ~0.5 | ~4.0 | ~0.3 | ~42 | ~46 | |
| Count | | 10 | 10 | 10 | 9 | 9 | 9 | 7 | 7 | 7 | 7 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|------|-------|
| Analysis code => | | | | 340 | | | | | | | | | |
| Detection limit => | | | | 340 | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 5 | 1020 | 470 | 8.7 | 10 | 73.7 | <2.0 | <2.0 | <2.0 | 9.0 | 1.4 | <2.0 |
| 2/1 | M | 4 | 885 | 430 | 6.9 | 8.2 | 54.1 | <2.0 | <2.0 | <2.0 | 9.6 | 2.1 | <2.0 |
| 3/1 | F | 3 | 631 | 425 | <4.0 | 7.7 | <46.7 | <1.0 | <1.0 | <1.0 | 4.4 | 0.80 | <1.0 |
| 4/1 | M | 4 | 685 | 405 | <6.0 | 5.2 | <40.2 | <2.0 | <2.0 | <2.0 | 8.3 | 2.0 | <2.0 |
| 5/1 | M | 3 | 402 | 350 | <6.0 | 5.6 | <45.6 | <2.0 | <2.0 | <2.0 | 3.1 | <1.0 | <2.0 |
| 6/1 | F | 3 | 356 | 340 | <6.0 | <4.0 | <29.0 | <2.0 | <2.0 | <2.0 | 7.6 | 2.3 | <2.0 |
| 7/1 | M | 2 | 283 | 325 | <6.0 | 4.1 | <32.1 | <2.0 | <2.0 | <2.0 | 5.2 | 2.2 | <2.0 |
| 8/1 | M | 2 | 258 | 310 | 8.6 | 11 | 66.6 | <2.0 | <2.0 | <2.0 | 6.8 | 2.0 | <2.0 |
| 9/1 | M | 2 | 299 | 310 | <6.0 | <4.0 | <17.0 | <2.0 | <2.0 | <2.0 | 5.2 | 2.0 | <2.0 |
| 10/ | M | 2 | 225 | 300 | miss | miss | miss | miss | miss | miss | miss | miss | miss |
| Mean | | 3 | 504 | 367 | <<6.5 | <6.6 | <<45.0 | <<1.9 | <<1.9 | <<1.9 | 6,6 | <1.8 | <<1.9 |
| Minimum | | 2 | 225 | 300 | <4.0 | <4.0 | <17.0 | <1.0 | <1.0 | <1.0 | 3,1 | 0,8 | <1.0 |
| Maximum | | 5 | 1020 | 470 | 8,7 | 11,0 | 73,7 | <2.0 | <2.0 | <2.0 | 9,6 | 2,3 | <2.0 |
| St.Dev | | 1 | 283 | 61 | ~1.5 | ~2.7 | ~18.0 | ~0.3 | ~0.3 | ~0.3 | 2,2 | ~0.5 | ~0.3 |
| Count | | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

miss(17) ! Missing value

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Comments

Station: Varangerfjorden

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 2 Liver colour: yellow red
- 3 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 4 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 5 Liver colour: yellow red
- 6 Liver colour: yellow red
- 7 Liver colour: yellow red
- 8 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Liver colour: yellow red
- 10 Liver colour: yellow white

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20021011** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | |
|-----------------------|-----|------|----------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | |
| Detection limit => | | | | Mean | | | |
| Sam:Sex Age Wght Lngt | | | | weight | Dry | Fat | HG |
| rep | F/M | year | g mm | g | % | % | ppm |
| no. | | | | w.wt | | | |
| 1/1 | F | 5 | 775 420 | 57,6 | 19,4 | | 0.153 |
| 2/1 | M | 5 | 812 445 | 54,4 | 17,3 | | 0.322 |
| 3/1 | F | 4 | 685 400 | 54,4 | 19,3 | | 0.215 |
| 4/1 | U | 3 | 530 380 | 51,0 | 19,4 | | 0.128 |
| 5/1 | M | 4 | 723 430 | 53,7 | 18,6 | | 0.142 |
| 6/1 | M | 2 | 345 330 | 46,6 | 19,2 | | 0.053 |
| 7/1 | F | 3 | 424 350 | 48,4 | 18,9 | | 0.111 |
| 8/1 | F | 7 | 2008 570 | 53,8 | 18,1 | | 0.317 |
| 9/1 | F | 5 | 1044 470 | 63,8 | 18,8 | | 0.170 |
| 10/ | M | 4 | 669 400 | 58,4 | 19,4 | | 0.169 |
| 11/ | M | 4 | 736 430 | 51,4 | 19,3 | | 0.153 |
| 12/ | M | 4 | 598 400 | 53,8 | 19,7 | | 0.142 |
| 13/ | F | 7 | 1592 580 | 64,2 | 15,4 | | 0.297 |
| 14/ | F | 3 | 586 380 | 53,4 | 19,7 | | 0.091 |
| 15/ | M | 5 | 1126 470 | 68,0 | 18,9 | | 0.196 |
| 16/ | M | 9 | 2969 660 | 94,4 | 18,2 | | 0.667 |
| 17/ | M | 3 | 567 380 | 49,2 | 19,6 | | 0.149 |
| 18/ | M | 3 | 412 350 | 46,4 | 18,8 | | 0.150 |
| 19/ | M | 3 | 587 405 | 55,2 | 19,2 | | 0.106 |
| 20/ | F | 4 | 863 430 | 74,0 | 18,4 | | 0.223 |
| 21/ | M | 4 | 747 410 | 54,4 | 19,8 | | 0.219 |
| 22/ | M | 3 | 499 380 | 52,8 | 18,8 | | 0.123 |
| 23/ | F | 4 | 515 365 | 59,6 | 19,5 | | 0.130 |
| 24/ | M | 3 | 570 365 | 55,6 | 20,4 | | 0.133 |
| 25/ | F | 5 | 1095 485 | 53,4 | 19,1 | | 0.140 |
| Mean | | 4 | 859 427 | 57,1 | 18,9 | | 0,188 |
| Minimum | | 2 | 345 330 | 46,4 | 15,4 | | 0,053 |
| Maximum | | 9 | 2969 660 | 94,4 | 20,4 | | 0,667 |
| St.Dev | | 2 | 577 78 | 10,1 | 1,0 | | 0,120 |
| Count | | 25 | 25 25 | 25 | 25 | | 25 |

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Comments

Station: Oslo City area

sample no.

- 4 Sex uncertain
- 8 Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods
- 20 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 23 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 25 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20021011** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|--------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 453 | 352 | 51,3 | 0,3 | <0.05 | miss | 0.78 | 0.85 | 1.8 | 3.6 | 4.3 | 0.23 | 1.2 | <0.05 | <12 | <13 | 0.92 | 0.13 | 1.1 | <0.05 | |
| 27/ | X | 3 | 573 | 384 | 52,2 | 0,3 | <0.05 | miss | 0.64 | 0.67 | 1.4 | 2.9 | 3.6 | 0.19 | 0.95 | <0.05 | <10 | <10 | 0.66 | 0.11 | 0.8 | <0.05 | |
| 28/ | X | 4 | 675 | 407 | 55,9 | 0,3 | <0.05 | miss | 0.59 | 0.58 | 1.3 | 2.2 | 2.6 | 0.14 | 0.64 | <0.05 | <7 | <8 | 0.66 | 0.12 | 0.8 | <0.05 | |
| 29/ | X | 4 | 836 | 441 | 59,5 | 0,3 | <0.05 | miss | 0.49 | 0.68 | 1.6 | 3.0 | 4.0 | 0.21 | 1.2 | <0.05 | <10 | <11 | 0.73 | 0.12 | 0.9 | <0.05 | |
| 30/ | X | 7 | 1758 | 553 | 66,8 | 0,3 | <0.05 | miss | 0.67 | 0.76 | 1.9 | 4.4 | 6.0 | 0.32 | 2.1 | 0.058 | <15 | <16 | 1.1 | 0.12 | 1.2 | <0.05 | |
| Mean | | 4 | 859 | 427 | 57,1 | 0,3 | <<0.1 | | 0,6 | 0,7 | 1,6 | 3,2 | 4,1 | 0,2 | 1,2 | <<0.1 | <<11 | <<12 | 0,8 | 0,1 | 1,0 | <<0.1 | |
| Minimum | | 3 | 453 | 352 | 51,3 | 0,3 | <0.1 | | 0,5 | 0,6 | 1,3 | 2,2 | 2,6 | 0,1 | 0,6 | <0.1 | <7 | <8 | 0,7 | 0,1 | 0,8 | <0.1 | |
| Maximum | | 7 | 1758 | 553 | 66,8 | 0,3 | <0.1 | | 0,8 | 0,9 | 1,9 | 4,4 | 6,0 | 0,3 | 2,1 | 0,1 | <15 | <16 | 1,1 | 0,1 | 1,2 | <0.1 | |
| St.Dev | | 1 | 522 | 77 | 6,3 | 0,0 | ~0.0 | | 0,1 | 0,1 | 0,3 | 0,8 | 1,2 | 0,1 | 0,5 | ~0.0 | ~3 | ~3 | 0,2 | 0,0 | 0,2 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|--|
| Analysis code => | | | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 3 | 453 | 352 | <0.1 | 0.060 | <0.03 | 0.040 | |
| 27/ | X | 3 | 573 | 384 | <0.1 | 0.060 | <0.03 | 0.030 | |
| 28/ | X | 4 | 675 | 407 | <0.1 | 0.070 | <0.03 | <0.03 | |
| 29/ | X | 4 | 836 | 441 | <0.1 | 0.050 | <0.03 | 0.030 | |
| 30/ | X | 7 | 1758 | 553 | <0.1 | 0.050 | 0.030 | 0.050 | |
| Mean | | 4 | 859 | 427 | <<0.1 | 0,1 | <<0.0 | <0.0 | |
| Minimum | | 3 | 453 | 352 | <0.1 | 0,1 | <0.0 | <0.0 | |
| Maximum | | 7 | 1758 | 553 | <0.1 | 0,1 | 0,0 | 0,1 | |
| St.Dev | | 1 | 522 | 77 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(5) ! Missing value

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Comments

Station: Oslo City area

sample no.

- 26 Bulk of NIVA no 6,7,18,23,24 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no23
- 27 Bulk of NIVA no 4,14,17,22,3
- 28 Bulk of NIVA no 10,12,19,21,1 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no19
- 29 Bulk of NIVA no 5,11,20,2,9 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no20
- 30 Bulk of NIVA no 15,25,8,13,16 Liver a/o intestinal guts with larvae of Anisakis simpl.no8
Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods no25

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20031015** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 3 | 970 | 470 | 54,4 | 19,8 | | 0.126 |
| 2/1 | F | 4 | 724 | 430 | 56,2 | 18,2 | | 0.315 |
| 3/1 | F | 2 | 614 | 465 | 49,0 | 19,3 | | 0.093 |
| 4/1 | F | 3 | 665 | 400 | 57,0 | 19,0 | | 0.079 |
| 5/1 | F | 3 | 649 | 390 | 57,2 | 18,9 | | 0.125 |
| 6/1 | M | 4 | 767 | 420 | 62,2 | 19,3 | | 0.222 |
| 7/1 | F | 5 | 3748 | 690 | 92,0 | 19,7 | | 0.374 |
| 8/1 | F | 3 | 1274 | 495 | 58,8 | 19,3 | | 0.291 |
| 9/1 | F | 4 | 763 | 430 | 63,2 | 18,4 | | 0.092 |
| 10/ | F | 3 | 1135 | 500 | 58,4 | 18,9 | | 0.189 |
| 11/ | M | 3 | 1153 | 480 | 73,2 | 18,9 | | 0.199 |
| 12/ | M | 3 | 1108 | 490 | 55,2 | 19,3 | | 0.167 |
| 13/ | F | 3 | 1324 | 520 | 61,6 | 19,3 | | 0.141 |
| 14/ | M | 3 | 1223 | 480 | 53,4 | 18,7 | | 0.163 |
| 15/ | F | 3 | 972 | 460 | 55,6 | 18,8 | | 0.162 |
| 16/ | M | 4 | 755 | 445 | 49,8 | 18,3 | | 0.321 |
| 17/ | F | 3 | 705 | 415 | 58,2 | 19,4 | | 0.187 |
| 18/ | F | 3 | 1046 | 450 | 55,4 | 19,3 | | 0.144 |
| 19/ | M | 4 | 1222 | 475 | 59,6 | 19,9 | | 0.240 |
| 20/ | F | 6 | 5503 | 820 | 65,4 | 19,3 | | 0.437 |
| 21/ | F | 3 | 781 | 430 | 67,6 | 19,4 | | 0.137 |
| 22/ | F | 2 | 691 | 395 | 50,4 | 18,3 | | 0.074 |
| 23/ | F | 3 | 837 | 440 | 67,4 | 20,4 | | 0.138 |
| 24/ | F | 3 | 701 | 410 | 63,0 | 19,7 | | 0.113 |
| 25/ | M | 5 | 1025 | 460 | 61,2 | 18,0 | | 0.295 |
| Mean | | 3 | 1214 | 474 | 60,2 | 19,1 | | 0,193 |
| Minimum | | 2 | 614 | 390 | 49,0 | 18,0 | | 0,074 |
| Maximum | | 6 | 5503 | 820 | 92,0 | 20,4 | | 0,437 |
| St.Dev | | 1 | 1080 | 93 | 8,8 | 0,6 | | 0,096 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Oslo City area

sample no.

1 Age uncertain
2 Age uncertain
6 Age uncertain
7 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
16 Age uncertain
19 Age uncertain
20 Age uncertain
21 Fish was dead
22 Fish was dead
23 Fish was dead
24 Fish was dead
25 Fish was dead Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20031015** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | F | 3 | 664 | 412 | 55,3 | | 0,3 | <0.10 | 0.31 | 0.59 | 0.64 | 1.2 | 2.1 | 2.5 | 0.16 | 0.65 | <0.10 | <7 | <8 | 0.63 | <0.20 | <0.8 | <0.10 | |
| 27/ | X | 4 | 748 | 425 | 61,5 | | 0,3 | <0.10 | 0.29 | 0.65 | 0.71 | 1.4 | 2.7 | 3.3 | 0.22 | 0.92 | <0.10 | <9 | <10 | 0.70 | <0.20 | <0.9 | <0.10 | |
| 28/ | X | 4 | 927 | 451 | 57,9 | | 0,3 | <0.10 | 0.26 | 0.99 | 1.2 | 2.6 | 4.9 | 6.5 | 0.37 | 1.9 | <0.10 | <17 | <19 | 1.1 | <0.20 | <1.3 | <0.10 | |
| 29/ | X | 3 | 1135 | 479 | 59,2 | | 0,2 | <0.10 | 0.23 | 0.62 | 0.56 | 1.1 | 2.0 | 2.5 | 0.14 | 0.63 | <0.10 | <7 | <8 | 0.51 | <0.20 | <0.7 | <0.10 | |
| 30/ | F | 4 | 2597 | 605 | 67,2 | | 0,3 | <0.10 | 0.27 | 0.75 | 0.87 | 1.9 | 3.9 | 4.7 | 0.32 | 1.6 | <0.10 | <13 | <14 | 0.94 | <0.20 | <1.1 | <0.10 | |
| Mean | | 3 | 1214 | 474 | 60,2 | | 0,3 | <<0.1 | 0,3 | 0,7 | 0,8 | 1,6 | 3,1 | 3,9 | 0,2 | 1,1 | <<0.1 | <<11 | <<12 | 0,8 | <<0.2 | <<1.0 | <<0.1 | |
| Minimum | | 3 | 664 | 412 | 55,3 | | 0,2 | <0.1 | 0,2 | 0,6 | 0,6 | 1,1 | 2,0 | 2,5 | 0,1 | 0,6 | <0.1 | <7 | <8 | 0,5 | <0.2 | <0.7 | <0.1 | |
| Maximum | | 4 | 2597 | 605 | 67,2 | | 0,3 | <0.1 | 0,3 | 1,0 | 1,2 | 2,6 | 4,9 | 6,5 | 0,4 | 1,9 | <0.1 | <17 | <19 | 1,1 | <0.2 | <1.3 | <0.1 | |
| St.Dev | | 1 | 794 | 77 | 4,5 | | 0,0 | ~0.0 | 0,0 | 0,2 | 0,3 | 0,6 | 1,2 | 1,7 | 0,1 | 0,6 | ~0.0 | ~4 | ~5 | 0,2 | ~0.0 | ~0.2 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngt | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | F | 3 | 664 | 412 | <0.1 | <0.05 | <0.05 | <0.05 |
| 27/ | X | 4 | 748 | 425 | <0.1 | <0.05 | <0.05 | <0.05 |
| 28/ | X | 4 | 927 | 451 | <0.1 | <0.05 | <0.05 | <0.05 |
| 29/ | X | 3 | 1135 | 479 | <0.1 | <0.05 | <0.05 | <0.05 |
| 30/ | F | 4 | 2597 | 605 | <0.1 | <0.05 | <0.05 | 0.05 |
| Mean | | 3 | 1214 | 474 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | | 3 | 664 | 412 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | | 4 | 2597 | 605 | <0.1 | <0.1 | <0.1 | 0,1 |
| St.Dev | | 1 | 794 | 77 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments
 Station: Oslo City area

sample no.
 26 Bulk of NIVA no 5,22,4,3,24
 27 Bulk of NIVA no17,6,2,9,21
 28 Bulk of NIVA no2316,18,15,25
 29 Bulk of NIVA no 1,19,11,14,12
 30 Bilk of NIVA no 8,10,13,7,20

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20041101** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 4 | 880 | 440 | 50,3 | 20,5 | | 0.167 |
| 2/1 | M | 3 | 484 | 370 | 48,3 | 20,3 | | 0.102 |
| 3/1 | F | 5 | 1148 | 480 | 50,1 | 20,2 | | 0.366 |
| 4/1 | M | 3 | 1084 | 485 | 51,1 | 20,0 | | 0.129 |
| 5/1 | M | 4 | 1049 | 500 | 50,4 | 19,7 | | 0.184 |
| 6/1 | M | 3 | 719 | 410 | 50,1 | 19,5 | | 0.269 |
| 7/1 | M | 3 | 759 | 430 | 50,7 | 20,9 | | 0.133 |
| 8/1 | M | 2 | 767 | 433 | 50,4 | 19,2 | | 0.088 |
| 9/1 | M | 5 | 1013 | 485 | 50,5 | 20,6 | | 0.193 |
| 10/ | F | 3 | 1049 | 285 | 50,3 | 19,8 | | 0.163 |
| 11/ | M | 4 | 1084 | 485 | 54,0 | 20,1 | | 0.102 |
| 12/ | M | 3 | 582 | 385 | 50,1 | 21,0 | | 0.175 |
| 13/ | F | 3 | 772 | 434 | 50,6 | 21,6 | | 0.083 |
| 14/ | F | 3 | 608 | 405 | 50,9 | 20,0 | | 0.104 |
| 15/ | F | 6 | 3464 | 700 | 50,0 | 20,9 | | 0.445 |
| 16/ | F | 4 | 1501 | 510 | 51,7 | 18,8 | | 0.252 |
| 17/ | M | 3 | 1111 | 475 | 50,8 | 18,2 | | 0.087 |
| 18/ | F | 6 | 1539 | 545 | 49,8 | 19,4 | | 0.318 |
| 19/ | M | 4 | 745 | 440 | 50,6 | 19,8 | | 0.096 |
| 20/ | F | 5 | 908 | 450 | 51,5 | 19,8 | | 0.134 |
| 21/ | M | 6 | 1225 | 505 | 51,1 | 20,2 | | 0.154 |
| 22/ | M | 4 | 761 | 445 | 49,7 | 19,4 | | 0.061 |
| 23/ | M | 4 | 889 | 450 | 50,5 | 19,8 | | 0.186 |
| 24/ | M | 4 | 656 | 420 | 50,0 | 20,2 | | 0.098 |
| 25/ | F | 4 | 687 | 415 | 50,4 | 19,3 | | 0.107 |
| Mean | | 4 | 1019 | 455 | 50,6 | 20,0 | | 0,168 |
| Minimum | | 2 | 484 | 285 | 48,3 | 18,2 | | 0,061 |
| Maximum | | 6 | 3464 | 700 | 54,0 | 21,6 | | 0,445 |
| St.Dev | | 1 | 574 | 74 | 1,0 | 0,7 | | 0,096 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Oslo City area NIVA fish no 15,16,17,18,19,20,21,22,23 is from STEILENE

sample no.

- 1 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Muscle from both side of the fish.
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Muscle from both side of the fish.
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 15 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 21 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 22 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 23 Age uncertain
- 24 Age uncertain
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua*

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20041101** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 26/ | X | 3 | 688 | 371 | 49,9 | | 0,3 | <0.05 | 0.16 | 0.61 | 0.55 | 1.3 | 2.3 | 2.9 | 0.13 | 0.61 | <0.05 | <8 | <9 | 0.66 | 0.10 | 0.8 | <0.05 | | |
| 27/ | X | 3 | 734 | 426 | 50,4 | | 0,3 | 0.05 | 0.28 | 1.1 | 0.78 | 1.8 | 3.0 | 3.7 | 0.17 | 0.82 | <0.05 | 11 | <12 | 0.82 | 0.11 | 0.9 | <0.05 | | |
| 28/ | X | 4 | 837 | 445 | 50,5 | | 0,3 | <0.05 | 0.24 | 0.98 | 0.75 | 1.7 | 2.9 | 3.7 | 0.17 | 0.80 | <0.05 | <10 | <11 | 0.83 | 0.13 | 1.0 | <0.05 | | |
| 29/ | X | 4 | 1088 | 482 | 51,3 | | 0,2 | <0.05 | 0.17 | 0.71 | 0.51 | 1.1 | 1.7 | 2.2 | 0.09 | 0.43 | <0.05 | <6 | <7 | 0.52 | 0.06 | 0.6 | <0.05 | | |
| 30/ | X | 5 | 1756 | 552 | 50,6 | | 0,2 | <0.05 | 0.19 | 0.62 | 0.50 | 1.1 | 2.1 | 2.7 | 0.12 | 0.68 | <0.05 | <7 | <8 | 0.62 | 0.09 | 0.7 | <0.05 | | |
| Mean | | 4 | 1021 | 455 | 50,6 | | 0,3 | <<0.1 | 0,2 | 0,8 | 0,6 | 1,4 | 2,4 | 3,0 | 0,1 | 0,7 | <<0.1 | <<8 | <<9 | 0,7 | 0,1 | 0,8 | <<0.1 | | |
| Minimum | | 3 | 688 | 371 | 49,9 | | 0,2 | <0.1 | 0,2 | 0,6 | 0,5 | 1,1 | 1,7 | 2,2 | 0,1 | 0,4 | <0.1 | <6 | <7 | 0,5 | 0,1 | 0,6 | <0.1 | | |
| Maximum | | 5 | 1756 | 552 | 51,3 | | 0,3 | 0,1 | 0,3 | 1,1 | 0,8 | 1,8 | 3,0 | 3,7 | 0,2 | 0,8 | <0.1 | 11 | <12 | 0,8 | 0,1 | 1,0 | <0.1 | | |
| St.Dev | | 1 | 439 | 67 | 0,5 | | 0,0 | ~0.0 | 0,1 | 0,2 | 0,1 | 0,3 | 0,5 | 0,7 | 0,0 | 0,2 | ~0.0 | ~2 | ~2 | 0,1 | 0,0 | 0,2 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | 341 | | 341 | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 688 | 371 | <0.1 | 0.05 | <0.03 | <0.03 |
| 27/ | X | 3 | 734 | 426 | <0.1 | 0.06 | <0.03 | <0.03 |
| 28/ | X | 4 | 837 | 445 | <0.1 | 0.06 | <0.03 | <0.03 |
| 29/ | X | 4 | 1088 | 482 | <0.1 | 0.05 | <0.03 | <0.03 |
| 30/ | X | 5 | 1756 | 552 | <0.1 | 0.06 | <0.03 | <0.03 |
| Mean | | 4 | 1021 | 455 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 3 | 688 | 371 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 5 | 1756 | 552 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 439 | 67 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Oslo City area NIVA fish no 15,16,17,18,19,20,21,22,23 is from STEILENE

sample no.

- 26 Bulk of NIVA no 10,2,12,14,6 Skin with metacercariae of cf. Cryptocotyle lingua
- 27 Bulk of NIVA no 25,24,7,8,13 Skin with metacercariae of cf. Cryptocotyle lingua no 7,8,25
- 28 Bulk of NIVA no 19,1,22,20,23 Skin with metacercariae of cf. Cryptocotyle lingua no 1,19,22
- 29 Bulk of NIVA no 17,11,9,4,3 Skin with metacercariae of cf. Cryptocotyle lingua no4,9,11,17
- 30 Bulk of NIVA no 5,21,16,18,15 Skin with metacercariae of cf. Cryptocotyle lingua no5,21
Liver with necrotic areas and/or discolouration no 15 Signs of mechanical damage (e.g., net wounds) no15

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20051005** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| | | | | | 0.005 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | |
| w.wt | | | | | | | | |
| 1/1 | F | 5 | 3933 | 775 | | 20,6 | | 0.313 |
| 2/1 | M | 5 | 913 | 470 | | 19,3 | | 0.124 |
| 3/1 | F | 4 | 3259 | 710 | | 18,9 | | 0.331 |
| 4/1 | F | 4 | 1567 | 550 | | 18,8 | | 0.238 |
| 5/1 | F | 4 | 1287 | 490 | | 19,5 | | 0.160 |
| 6/1 | F | 4 | 1375 | 520 | | 19,4 | | 0.161 |
| 7/1 | F | 5 | 2263 | 640 | | 18,2 | | 0.207 |
| 8/1 | M | 4 | 1557 | 515 | | 19,4 | | 0.147 |
| 9/1 | M | 5 | 2606 | 680 | | 18,7 | | 0.317 |
| 10/ | M | 3 | 397 | 350 | | 19,4 | | 0.089 |
| 11/ | M | 4 | 2962 | 700 | | 19,1 | | 0.352 |
| 12/ | M | 5 | 715 | 435 | | 20,0 | | 0.114 |
| 13/ | F | 4 | 566 | 400 | | 18,9 | | 0.087 |
| 14/ | F | 3 | 1048 | 480 | | 19,1 | | 0.114 |
| 15/ | F | 3 | 944 | 470 | | 19,2 | | 0.118 |
| 16/ | F | 4 | 862 | 440 | | 18,7 | | 0.376 |
| 17/ | F | 4 | 632 | 415 | | 18,1 | | 0.135 |
| 18/ | F | 3 | 721 | 440 | | 18,7 | | 0.108 |
| 19/ | F | 4 | 836 | 420 | | 19,3 | | 0.133 |
| 20/ | M | 3 | 686 | 425 | | 20,4 | | 0.098 |
| 21/ | M | 4 | 712 | 425 | | 18,5 | | 0.252 |
| 22/ | M | 4 | 858 | 435 | | 18,1 | | 0.118 |
| 23/ | F | 3 | 631 | 380 | | 19,1 | | 0.129 |
| 24/ | M | 4 | 1891 | 565 | | 18,6 | | 0.336 |
| 25/ | F | 4 | 654 | 410 | | 19,3 | | 0.166 |
| Mean | | 4 | 1355 | 502 | | 19,1 | | 0,189 |
| Minimum | | 3 | 397 | 350 | | 18,1 | | 0,087 |
| Maximum | | 5 | 3933 | 775 | | 20,6 | | 0,376 |
| St.Dev | | 1 | 948 | 115 | | 0,6 | | 0,095 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Oslo City area Water depth: 37-70meter

sample no.

- 1 Part sample = 51,12g Extra part sample = 54,60g
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample =50,96g
Extra part sample = 53,59g
- 3 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 59,82g
Extra part sample = 53,73g
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,78g
Extra part sample = 52,08g
- 5 Part sample = 54,19g Extra part sample = 52,83g
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,03g
Extra part sample = 51,11g
- 7 Part sample = 55,49g Extra part sample = 51,81g
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,21g
Extra part sample = 50,40g
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* ,7small Part sample = 53,65g
Extra part sample = 54,71g
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* ,7small Part sample =25,22g
Extra part sample = 25,80g
- 11 Part sample=52,38g Extra part sample = 53,27g
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,00g
Extra part sample = 50,04g
- 13 Part sample = 51,63g Extra part sample = 42,0g
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,95g
Extra part sample = 53,68g
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,47g
Extra part sample = 54,2g
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin with ulceration, lymphocytic areas and/or lesions
Part sample = 51,92g Extra part sample = 49,15g
- 17 Part sample = 49,8g Extra part sample = 45,14g
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,3g
Extra part sample = 53,35g
- 19 Part sample = 50,4g Extra part sample = 51,59g
- 20 Part sample = 50,4g Extra part sample = 49,68g
- 21 Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods
Part sample = 51,05g Extra part sample = 50,63g
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,13g
Extra part sample = 51,6g
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 52,33g
Extra part sample = 34,45g
- 24 Part sample = 52,3g Extra part sample = 51,26g
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 52,03g
Extra part sample = 50,16g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20051005** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|---|
| Analysis code => | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | |
| Detection limit => | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 4 | 576 | 391 | 0,1 | <0.05 | 0.12 | 0.50 | 0.52 | 1.2 | 2.0 | 2.9 | 0.12 | 0.64 | <0.05 | <7 | <8 | 0.37 | <0.2 | <0.1 | <0.6 | | | | | | | | | |
| 27/ | X | 4 | 761 | 428 | 0,2 | 0.06 | 0.19 | 0.74 | 0.94 | 2.5 | 3.9 | 5.4 | 0.26 | 1.2 | <0.05 | 14 | <15 | 0.77 | <0.2 | 0.11 | <1.1 | | | | | | | | | |
| 28/ | X | 4 | 898 | 460 | 0,2 | 0.05 | 0.19 | 0.65 | 0.61 | 1.5 | 2.4 | 3.0 | 0.17 | 0.72 | <0.05 | 9 | <9 | 0.60 | <0.2 | 0.11 | <0.9 | | | | | | | | | |
| 29/ | X | 4 | 1535 | 528 | 0,1 | <0.05 | 0.19 | 0.63 | 0.61 | 1.5 | 2.7 | 3.2 | 0.18 | 0.76 | <0.05 | <9 | <10 | 0.73 | <0.2 | 0.13 | <1.1 | | | | | | | | | |
| 30/ | X | 5 | 3005 | 701 | 0,3 | 0.07 | 0.33 | 1.2 | 0.90 | 2.4 | 4.2 | 5.6 | 0.28 | 1.3 | 0.05 | 15 | 16 | 1.3 | <0.2 | 0.20 | <1.7 | | | | | | | | | |
| Mean | | 4 | 1355 | 502 | 0,2 | <<0.1 | 0,2 | 0,7 | 0,7 | 1,8 | 3,0 | 4,0 | 0,2 | 0,9 | <<0.1 | <<11 | <<12 | 0,8 | <<0.2 | <0.1 | <<1.1 | | | | | | | | | |
| Minimum | | 4 | 576 | 391 | 0,1 | <0.1 | 0,1 | 0,5 | 0,5 | 1,2 | 2,0 | 2,9 | 0,1 | 0,6 | <0.1 | <7 | <8 | 0,4 | <0.2 | <0.1 | <0.6 | | | | | | | | | |
| Maximum | | 5 | 3005 | 701 | 0,3 | 0,1 | 0,3 | 1,2 | 0,9 | 2,5 | 4,2 | 5,6 | 0,3 | 1,3 | 0,1 | 15 | 16 | 1,3 | <0.2 | 0,2 | <1.7 | | | | | | | | | |
| St.Dev | | 0 | 990 | 122 | 0,1 | ~0.0 | 0,1 | 0,3 | 0,2 | 0,6 | 1,0 | 1,4 | 0,1 | 0,3 | ~0.0 | ~3 | ~4 | 0,3 | ~0.0 | ~0.0 | ~0.4 | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | NIVA | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | 341 | | 341 | | 341 | | | |
| Detection limit => | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 4 | 576 | 391 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 |
| 27/ | X | 4 | 761 | 428 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 28/ | X | 4 | 898 | 460 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 29/ | X | 4 | 1535 | 528 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 30/ | X | 5 | 3005 | 701 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| Mean | | 4 | 1355 | 502 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 4 | 576 | 391 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| Maximum | | 5 | 3005 | 701 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 0 | 990 | 122 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Oslo City area Water depth: 37-70meter

sample no.

- 26 Bulk of NIVA no 10,23,13,25,17 Skin with metacercariae of cf. Cryptocotyle lingua
Skin with ulceration, lymphocytic areas and/or lesions no17
- 27 Bulk of NIVA no 19,20,21,22,12 Skin with metacercariae of cf. Cryptocotyle lingua no12,22
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no21
- 28 Bulk of NIVA no 18,16,2,15,14
- 29 Bulk of NIVA no 5,8,6,4,24
- 30 Bulk of NIVA no 7,9,11,3,1

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **30B Oslo City area** Latitude: 59°49.0N Longitude: 10°33.0E
 Catch,date : **20061024** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 8 | 4169 | 740 | | 20,0 | | 0.652 |
| 2/1 | F | 5 | 4640 | 780 | | 19,0 | | 1.278 |
| 3/1 | M | 3 | 1064 | 475 | | 19,0 | | 0.225 |
| 4/1 | F | 3 | 929 | 465 | | 18,0 | | 0.222 |
| 5/1 | M | 4 | 2467 | 620 | | 19,0 | | 0.314 |
| 6/1 | M | 4 | 2009 | 600 | | 18,0 | | 0.278 |
| 7/1 | F | 3 | 1180 | 480 | | 19,0 | | 0.212 |
| 8/1 | M | 2 | 887 | 470 | | 19,0 | | 0.316 |
| 9/1 | M | 2 | 627 | 415 | | 17,0 | | 0.209 |
| 10/ | F | 3 | 836 | 500 | | 16,0 | | 0.388 |
| 11/ | F | 2 | 1031 | 458 | | 19,0 | | 0.166 |
| 12/ | M | 3 | 903 | 465 | | 18,0 | | 0.240 |
| 13/ | M | 3 | 1061 | 472 | | 19,0 | | 0.122 |
| 14/ | F | 4 | 2550 | 630 | | 19,0 | | 0.205 |
| 15/ | F | 4 | 2190 | 610 | | 18,0 | | 0.292 |
| 16/ | M | 4 | 3240 | 700 | | 20,0 | | 0.232 |
| 17/ | F | 2 | 1172 | 472 | | 19,0 | | 0.130 |
| 18/ | F | 2 | 1167 | 507 | | 19,0 | | 0.198 |
| 19/ | F | 2 | 1202 | 515 | | 20,0 | | 0.194 |
| 20/ | M | 3 | 1233 | 545 | | 18,0 | | 0.342 |
| 21/ | M | 2 | 1160 | 500 | | 19,0 | | 0.100 |
| 22/ | M | 2 | 897 | 458 | | 18,0 | | 0.260 |
| 23/ | M | 3 | 978 | 475 | | 18,0 | | 0.251 |
| 24/ | M | 4 | 777 | 442 | | 20,0 | | 0.099 |
| 25/ | M | 2 | 769 | 443 | | 19,0 | | 0.153 |
| Mean | | 3 | 1566 | 529 | | 18,7 | | 0,283 |
| Minimum | | 2 | 627 | 415 | | 16,0 | | 0,099 |
| Maximum | | 8 | 4640 | 780 | | 20,0 | | 1,278 |
| St.Dev | | 1 | 1077 | 99 | | 0,9 | | 0,236 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Oslo City area

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 104,4g
Ekstra sample; 50g from part sample
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 104g
Ekstra sample; 50g from part sample
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 102,4g
Ekstra sample; 50g from part sample
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 100g
Ekstra sample; 50g from part sample
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 100,6g
Ekstra sample; 50g from part sample
- 6 Part sample = 105g Ekstra sample; 50g from part sample
- 7 Part sample = 102g Ekstra sample; 50g from part sample
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 101g
Ekstra sample; 50g from part sample
- 9 Part sample = 80,6g Ekstra sample; 40g from part sample
- 10 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 100,2g
Ekstra sample; 50g from part sample
- 11 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
Part sample =114,2g Ekstra sample; 50g from part sample
- 12 Part sample = 100g Ekstra sample; 50g from part sample
- 13 Part sample = 103g Ekstra sample; 50g from part sample
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Part sample = 105,8g Ekstra sample; 50g from part sample
- 15 Age uncertain Part sample = 110g
Ekstra sample; 50g from part sample
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
Part sample = 136,6g Ekstra sample; 50g from part sample
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 139,0g
Ekstra sample; 50g from part sample
- 18 Part sample = 120,2g Ekstra sample; 50g from part sample
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 115,2g
Ekstra sample; 50g from part sample
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 102g
Ekstra sample; 50g from part sample
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 112,8g
Ekstra sample; 50g from part sample
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
Part sample = 104,2g Ekstra sample; 50g from part sample
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 104,5g
Ekstra sample; 50g from part sample
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 106,2g
Ekstra sample; 50g from part sample
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 102,4g
Ekstra sample; 50g from part sample

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Comments

Station: Oslo City area

sample no.

- 26 Bulk of NIVA no 9,24,25,22,11 Skin with metacercariae of cf. Cryptocotyle lingua
no 24,25,22,11 Bulk part sample NIVA no 9,24,25,22,11
- 27 Bulk of NIVA no 12,4,8,17,13 Skin with metacercariae of cf. Cryptocotyle lingua no4,8,17
Bulk part sample NIVA no 12,4,8,17,13
- 28 Bulk of NIVA no 23,3,7,10,21 Skin with metacercariae of cf. Cryptocotyle lingua no3,23,10
no3,23,10,21 Bulk part sample NIVA no 23,3,7,10,21
- 29 Bulk of NIVA no 18,19,20,6,15 Skin with metacercariae of cf. Cryptocotyle lingua no 19,20
Bulk part sample NIVA no 18,19,20,6,15
- 30 Bulk of NIVA no 5,14,16,1,2 Liver and/or intestinal guts with larvae of Anisakis simplex
no 1,2,5,14 Skin with metacercariae of cf. Cryptocotyle lingua no 14
Bulk part sample NIVA no 5,14,16,1,2

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20020925** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 2 | 403 | 340 | 48,5 | 19,4 | | 0.043 |
| 2/1 | F | 2 | 415 | 355 | 50,5 | 19,4 | | 0.046 |
| 3/1 | M | 2 | 521 | 380 | 48,0 | 18,4 | | 0.041 |
| 4/1 | F | 2 | 596 | 400 | 50,8 | 18,1 | | 0.067 |
| 5/1 | F | 2 | 564 | 410 | 49,8 | 17,6 | | 0.069 |
| 6/1 | F | 3 | 729 | 420 | 53,1 | 17,4 | | 0.060 |
| 7/1 | M | 3 | 716 | 440 | 49,7 | 17,7 | | 0.054 |
| 8/1 | M | 2 | 620 | 400 | 50,7 | 18,3 | | 0.046 |
| 9/1 | F | 2 | 679 | 430 | 50,2 | 18,6 | | 0.067 |
| 10/ | F | 2 | 800 | 450 | 50,1 | 18,1 | | 0.105 |
| 11/ | F | 2 | 808 | 440 | 50,6 | 17,3 | | 0.102 |
| 12/ | M | 2 | 700 | 415 | 50,0 | 18,8 | | 0.046 |
| 13/ | F | 2 | 816 | 445 | 52,5 | 18,3 | | 0.069 |
| 14/ | F | 3 | 1060 | 510 | 51,2 | 16,6 | | 0.137 |
| 15/ | M | 3 | 908 | 460 | 53,1 | 18,4 | | 0.059 |
| 16/ | F | 3 | 1106 | 485 | 49,7 | 18,8 | | 0.113 |
| 17/ | F | 3 | 1498 | 515 | 50,6 | 18,2 | | 0.090 |
| 18/ | F | 3 | 913 | 470 | 52,0 | 19,0 | | 0.093 |
| 19/ | M | 3 | 1250 | 485 | 56,8 | 18,1 | | 0.088 |
| 20/ | M | 3 | 1190 | 500 | 52,7 | 19,1 | | 0.082 |
| 21/ | U | 5 | 810 | 510 | 48,8 | 14,2 | | 0.150 |
| 22/ | F | 3 | 1219 | 500 | 52,4 | 19,3 | | 0.110 |
| 23/ | U | 4 | 1388 | 550 | 52,8 | 17,0 | | 0.188 |
| 24/ | F | 4 | 1470 | 515 | 51,6 | 17,9 | | 0.107 |
| 25/ | F | 4 | 1526 | 540 | 58,1 | 17,5 | | 0.139 |
| Mean | | 3 | 908 | 455 | 51,4 | 18,1 | | 0,087 |
| Minimum | | 2 | 403 | 340 | 48,0 | 14,2 | | 0,041 |
| Maximum | | 5 | 1526 | 550 | 58,1 | 19,4 | | 0,188 |
| St.Dev | | 1 | 340 | 56 | 2,3 | 1,1 | | 0,038 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Færder

sample no.

- 3 Signs of mechanical damage (e.g., net wounds)
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 9 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 10 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 15 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 17 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 18 Gills with *Lernaeocera* copepods Skin with metacercariae of cf. *Cryptocotyle lingua*
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua*

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20020925** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 511 | 375 | 49,7 | 0,3 | <0.05 | miss | 0.050 | 0.080 | 0.15 | 0.18 | 0.30 | <0.05 | 0.060 | <0.05 | <1 | <1 | 0.11 | <0.1 | <0.2 | 0.050 | |
| 27/ | X | 2 | 678 | 423 | 50,6 | 0,3 | <0.05 | miss | 0.070 | 0.15 | 0.31 | 0.51 | 0.83 | <0.05 | 0.15 | <0.05 | <2 | <2 | 0.22 | <0.1 | <0.3 | 0.050 | |
| 28/ | X | 2 | 849 | 453 | 51,7 | 0,2 | 0.050 | miss | 0.21 | 0.43 | 0.87 | 0.79 | 1.2 | 0.090 | 0.26 | <0.05 | 3 | <4 | 0.25 | <0.1 | <0.4 | 0.050 | |
| 29/ | X | 3 | 1165 | 496 | 52,6 | 0,3 | <0.05 | miss | 0.080 | 0.16 | 0.30 | 0.40 | 0.69 | 0.050 | 0.18 | <0.05 | <2 | <2 | 0.21 | <0.1 | <0.3 | <0.05 | |
| 30/ | X | 4 | 1338 | 526 | 52,4 | 0,3 | <0.05 | miss | 0.10 | 0.25 | 0.49 | 0.69 | 1.1 | 0.070 | 0.26 | <0.05 | <3 | <3 | 0.29 | <0.1 | <0.4 | <0.05 | |
| Mean | | 3 | 908 | 455 | 51,4 | 0,3 | <<0.1 | | 0,1 | 0,2 | 0,4 | 0,5 | 0,8 | <<0.1 | 0,2 | <<0.1 | <<2 | <<2 | 0,2 | <<0.1 | <<0.3 | <<0.1 | |
| Minimum | | 2 | 511 | 375 | 49,7 | 0,2 | <0.1 | | 0,1 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,1 | <0.1 | <0.2 | <0.1 | |
| Maximum | | 4 | 1338 | 526 | 52,6 | 0,3 | 0,1 | | 0,2 | 0,4 | 0,9 | 0,8 | 1,2 | 0,1 | 0,3 | <0.1 | | 3 | <4 | 0,3 | <0.1 | <0.4 | 0,1 |
| St.Dev | | 1 | 341 | 59 | 1,2 | 0,1 | ~0.0 | | 0,1 | 0,1 | 0,3 | 0,2 | 0,4 | ~0.0 | 0,1 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.1 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|--|
| Analysis code => | | | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 2 | 511 | 375 | <0.1 | 0.030 | 0.030 | <0.03 | |
| 27/ | X | 2 | 678 | 423 | <0.1 | 0.030 | 0.030 | <0.03 | |
| 28/ | X | 2 | 849 | 453 | <0.1 | 0.030 | 0.040 | <0.03 | |
| 29/ | X | 3 | 1165 | 496 | <0.1 | 0.030 | 0.030 | <0.03 | |
| 30/ | X | 4 | 1338 | 526 | <0.1 | <0.03 | 0.030 | <0.03 | |
| Mean | | 3 | 908 | 455 | <<0.1 | <0.0 | 0,0 | <<0.0 | |
| Minimum | | 2 | 511 | 375 | <0.1 | <0.0 | 0,0 | <0.0 | |
| Maximum | | 4 | 1338 | 526 | <0.1 | 0,0 | 0,0 | <0.0 | |
| St.Dev | | 1 | 341 | 59 | ~0.0 | ~0.0 | 0,0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(5) ! Missing value

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Comments

Station: Færder

sample no.

- 26 Bulk of NIVA no 1,2,3,4,8 Signs of mechanical damage (e.g., net wounds) no 3
Skin with metacercariae of cf. *Cryptocotyle lingua* no4
- 27 Bulk of NIVA no 5,12,6,9,7 Skin with metacercariae of cf. *Cryptocotyle lingua* no7
Liver a/o intestinal guts with larvae of *Anisakis simpl.*no9
- 28 Bulk of NIVA no 11,13,10,15,18 Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver a/o intestinal guts with larvae of *Anisakis simpl.* no10,11,15
Gills with *Lernaeocera* copepods no18
- 29 Bulk of NIVA no 16,19,20,22,14 Skin with metacercariae of cf.*Cryptocotyle lingua* no16,19,22
- 30 Bulk of NIVA no 21,17,24,25,23 Skin with metacercariae of cf. *Cryptocotyle lingua*
no 21,23,24,25 Liver a/o intestinal guts with larvae of *Anisakis simpl.*no17

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20031006** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | Mean | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 3 | 1339 | 530 | 49,2 | 20,4 | | 0.085 |
| 2/1 | M | 3 | 1557 | 510 | 51,1 | 19,5 | | 0.115 |
| 3/1 | M | 3 | 1411 | 520 | 53,9 | 19,3 | | 0.094 |
| 4/1 | F | 3 | 1459 | 535 | 51,0 | 19,8 | | 0.073 |
| 5/1 | M | 2 | 1305 | 490 | 50,8 | 19,8 | | 0.067 |
| 6/1 | M | 3 | 1108 | 470 | 51,7 | 20,0 | | 0.116 |
| 7/1 | F | 2 | 1133 | 470 | 50,3 | 19,7 | | 0.073 |
| 8/1 | F | 2 | 783 | 420 | 50,3 | 19,9 | | 0.039 |
| 9/1 | F | 2 | 829 | 445 | 50,2 | 19,5 | | 0.087 |
| 10/ | F | 2 | 738 | 430 | 52,0 | 19,1 | | 0.043 |
| 11/ | M | 2 | 818 | 415 | 52,2 | 20,4 | | 0.064 |
| 12/ | M | 1 | 753 | 420 | 51,2 | 19,7 | | 0.042 |
| 13/ | F | 1 | 735 | 390 | 54,8 | 19,3 | | 0.038 |
| 14/ | M | 1 | 668 | 380 | 71,0 | 20,6 | | 0.037 |
| 15/ | F | 1 | 637 | 375 | 61,3 | 20,4 | | 0.029 |
| 16/ | M | 2 | 690 | 380 | 61,0 | 19,7 | | 0.036 |
| 17/ | M | 1 | 591 | 370 | 61,9 | 19,3 | | 0.029 |
| 18/ | M | 1 | 516 | 365 | 50,9 | 19,9 | | 0.038 |
| 19/ | F | 2 | 703 | 395 | 53,2 | 20,1 | | 0.043 |
| 20/ | M | 1 | 542 | 360 | 50,2 | 20,3 | | 0.036 |
| 21/ | F | 2 | 497 | 370 | 58,0 | 18,5 | | 0.050 |
| 22/ | M | 1 | 544 | 355 | 59,2 | 20,4 | | 0.037 |
| 23/ | F | 1 | 628 | 385 | 55,4 | 20,6 | | 0.044 |
| 24/ | F | 1 | 549 | 360 | 53,8 | 21,4 | | 0.036 |
| 25/ | M | 1 | 544 | 360 | 60,6 | 21,1 | | 0.031 |
| Mean | | 2 | 843 | 420 | 54,6 | 19,9 | | 0,055 |
| Minimum | | 1 | 497 | 355 | 49,2 | 18,5 | | 0,029 |
| Maximum | | 3 | 1557 | 535 | 71,0 | 21,4 | | 0,116 |
| St.Dev | | 1 | 333 | 60 | 5,3 | 0,6 | | 0,026 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Færder Sampling date is from 1.-6.oct.2003

sample no.

- 1 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 2 Age uncertain
- 3 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 7 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 9 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 11 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 14 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 15 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 16 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 17 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 18 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 19 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 20 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 21 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 22 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 23 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 24 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 25 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20031006** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | Calc | 341 | 341 | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 539 | 360 | 54,9 | 0,4 | 0.08 | 0.11 | 0.17 | 0.21 | 0.38 | 0.22 | 0.29 | <0.05 | 0.07 | miss | 1 | <2 | 0.09 | <0.07 | <0.2 | <0.05 | |
| 27/ | X | 1 | 617 | 375 | 62,6 | 0,4 | 0.08 | 0.15 | 0.32 | 0.33 | 0.66 | 0.65 | 0.94 | 0.06 | 0.19 | miss | 3 | 3 | 0.45 | <0.07 | <0.5 | <0.05 | |
| 28/ | X | 2 | 733 | 401 | 53,2 | 0,4 | 0.06 | 0.12 | 0.20 | 0.21 | 0.38 | 0.29 | <0.05 | 0.09 | miss | 2 | <2 | 0.12 | <0.07 | <0.2 | <0.05 | | |
| 29/ | X | 2 | 912 | 447 | 51,1 | 0,3 | 0.09 | 0.18 | 0.44 | 0.47 | 1.1 | 1.1 | 1.9 | 0.11 | 0.27 | <0.05 | 5 | <6 | 0.38 | <0.07 | <0.5 | <0.05 | |
| 30/ | X | 3 | 1414 | 517 | 51,2 | 0,3 | 0.09 | 0.19 | 0.31 | 0.36 | 0.65 | 0.45 | 0.68 | 0.05 | 0.15 | <0.05 | 3 | <3 | 0.21 | <0.07 | <0.3 | <0.05 | |
| Mean | | 2 | 843 | 420 | 54,6 | 0,4 | 0,1 | 0,2 | 0,3 | 0,3 | 0,6 | 0,5 | 0,8 | <<0.1 | 0,2 | <<0.1 | 3 | <<3 | 0,3 | <<0.1 | <<0.3 | <<0.1 | |
| Minimum | | 1 | 539 | 360 | 51,1 | 0,3 | 0,1 | 0,1 | 0,2 | 0,2 | 0,4 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | 1 | <2 | 0,1 | <0.1 | <0.2 | <0.1 | |
| Maximum | | 3 | 1414 | 517 | 62,6 | 0,4 | 0,1 | 0,2 | 0,4 | 0,5 | 1,1 | 1,1 | 1,9 | 0,1 | 0,3 | <0.1 | 5 | <6 | 0,5 | <0.1 | <0.5 | <0.1 | |
| St.Dev | | 1 | 349 | 63 | 4,8 | 0,0 | 0,0 | 0,0 | 0,1 | 0,1 | 0,3 | 0,4 | 0,6 | ~0.0 | 0,1 | ~0.0 | 1 | ~2 | 0,2 | ~0.0 | ~0.2 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(3) ! Missing value

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|
| Analysis code => | | | | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 539 | 360 | <0.1 | <0.03 | <0.03 | <0.03 |
| 27/ | X | 1 | 617 | 375 | <0.1 | <0.03 | <0.03 | <0.03 |
| 28/ | X | 2 | 733 | 401 | <0.1 | <0.03 | <0.03 | <0.03 |
| 29/ | X | 2 | 912 | 447 | <0.1 | 0.03 | <0.03 | <0.03 |
| 30/ | X | 3 | 1414 | 517 | <0.1 | 0.04 | <0.03 | <0.03 |
| Mean | | 2 | 843 | 420 | <<0.1 | <<0.0 | <<0.0 | <<0.0 |
| Minimum | | 1 | 539 | 360 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | | 3 | 1414 | 517 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev | | 1 | 349 | 63 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(3) ! Missing value

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Færder Sampling date is from 1.-6.oct.2003

sample no.

- 26 Bulk of NIVA no 22,20,24,25,18 Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex* (Fish no 18)
- 27 Bulk of NIVA no 17,21,15,14,16 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 28 Bulk of NIVA no 23,13,19,11,8 Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver and/or intestinal guts with larvae of *Anisakis simplex* (fish no 23)
- 29 Bulk of NIVA no 12,10,9,6,7 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 30 Bulk of NIVA no 5,2,3,1,4

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20041015** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 1 | 545 | 360 | 50,2 | 20,3 | | 0.051 |
| 2/1 | M | 1 | 590 | 380 | 50,0 | 19,5 | | 0.046 |
| 3/1 | F | 1 | 676 | 380 | 50,6 | 19,3 | | 0.042 |
| 4/1 | M | 1 | 540 | 370 | 50,1 | 20,0 | | 0.044 |
| 5/1 | F | 1 | 613 | 390 | 50,3 | 20,4 | | 0.043 |
| 6/1 | F | 1 | 654 | 400 | 50,2 | 20,3 | | 0.037 |
| 7/1 | M | 1 | 727 | 400 | 50,2 | 20,3 | | 0.045 |
| 8/1 | F | 1 | 703 | 400 | 50,6 | 20,3 | | 0.044 |
| 9/1 | M | 1 | 733 | 410 | 50,3 | 19,5 | | 0.043 |
| 10/ | F | 1 | 701 | 410 | 50,4 | 19,5 | | 0.046 |
| 11/ | M | 1 | 722 | 400 | 50,2 | 18,0 | | 0.050 |
| 12/ | M | 2 | 617 | 400 | 50,0 | 19,5 | | 0.049 |
| 13/ | M | 2 | 630 | 400 | 50,5 | 19,0 | | 0.057 |
| 14/ | M | 2 | 706 | 400 | 50,6 | 20,2 | | 0.055 |
| 15/ | F | 2 | 637 | 440 | 50,0 | 17,6 | | 0.071 |
| 16/ | F | 2 | 896 | 430 | 53,8 | 19,8 | | 0.053 |
| 17/ | M | 2 | 750 | 420 | 52,6 | 18,3 | | 0.101 |
| 18/ | F | 1 | 869 | 450 | 50,0 | 18,0 | | 0.053 |
| 19/ | F | 2 | 865 | 460 | 50,2 | 19,5 | | 0.085 |
| 20/ | F | 2 | 818 | 470 | 51,5 | 19,4 | | 0.078 |
| 21/ | F | 2 | 1021 | 470 | 50,0 | 21,8 | | 0.073 |
| 22/ | F | 2 | 981 | 470 | 49,9 | 20,2 | | 0.087 |
| 23/ | M | 2 | 1149 | 490 | 50,2 | 15,1 | | 0.060 |
| 24/ | M | 2 | 1143 | 510 | 51,6 | 19,0 | | 0.075 |
| 25/ | F | 2 | 1249 | 550 | 52,2 | 17,6 | | 0.102 |
| Mean | | 2 | 781 | 426 | 50,7 | 19,3 | | 0,060 |
| Minimum | | 1 | 540 | 360 | 49,9 | 15,1 | | 0,037 |
| Maximum | | 2 | 1249 | 550 | 53,8 | 21,8 | | 0,102 |
| St.Dev | | 1 | 195 | 47 | 1,0 | 1,3 | | 0,019 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Færder Fished in october 2004

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua*

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20041015** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | Calc | | | |
| Detection limit => | | | | Mean | | | | 0.05 | | | | 0.05 | | | | 0.05 | | | | 0.1 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 593 | 376 | 50,2 | 0,4 | 0.06 | 0.12 | 0.16 | 0.24 | 0.43 | 0.25 | 0.32 | <0.05 | 0.08 | <0.05 | 1 | <2 | 0.09 | <0.05 | <0.1 | <0.05 | |
| 27/ | X | 1 | 685 | 400 | 50,2 | 0,4 | 0.07 | 0.11 | 0.17 | 0.27 | 0.50 | 0.35 | 0.43 | <0.05 | 0.09 | <0.05 | 2 | <2 | 0.09 | <0.05 | <0.1 | <0.05 | |
| 28/ | X | 2 | 704 | 408 | 50,9 | 0,3 | 0.07 | 0.12 | 0.22 | 0.33 | 0.68 | 0.66 | 0.93 | 0.05 | 0.20 | <0.05 | 3 | <3 | 0.29 | <0.05 | <0.3 | <0.05 | |
| 29/ | F | 2 | 817 | 450 | 51,1 | 0,4 | 0.09 | 0.17 | 0.27 | 0.59 | 1.1 | 0.73 | 1.0 | 0.07 | 0.22 | <0.05 | 4 | <4 | 0.26 | <0.05 | <0.3 | <0.05 | |
| 30/ | X | 2 | 1109 | 498 | 50,8 | 0,3 | 0.10 | 0.13 | 0.26 | 0.57 | 1.1 | 0.77 | 1.1 | 0.07 | 0.24 | <0.05 | 4 | <4 | 0.31 | <0.05 | <0.4 | <0.05 | |
| Mean | | 2 | 781 | 426 | 50,7 | 0,4 | 0,1 | 0,1 | 0,2 | 0,4 | 0,8 | 0,6 | 0,8 | <<0.1 | 0,2 | <<0.1 | 3 | <<3 | 0,2 | <<0.1 | <<0.2 | <<0.1 | |
| Minimum | | 1 | 593 | 376 | 50,2 | 0,3 | 0,1 | 0,1 | 0,2 | 0,2 | 0,4 | 0,3 | 0,3 | <0.1 | 0,1 | <0.1 | 1 | <2 | 0,1 | <0.1 | <0.1 | <0.1 | |
| Maximum | | 2 | 1109 | 498 | 51,1 | 0,4 | 0,1 | 0,2 | 0,3 | 0,6 | 1,1 | 0,8 | 1,1 | 0,1 | 0,2 | <0.1 | 4 | <4 | 0,3 | <0.1 | <0.4 | <0.1 | |
| St.Dev | | 0 | 200 | 48 | 0,4 | 0,0 | 0,0 | 0,0 | 0,1 | 0,2 | 0,3 | 0,2 | 0,4 | ~0.0 | 0,1 | ~0.0 | 1 | ~1 | 0,1 | ~0.0 | ~0.1 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 593 | 376 | <0.1 | 0.03 | <0.03 | <0.03 |
| 27/ | X | 1 | 685 | 400 | <0.1 | <0.03 | <0.03 | <0.03 |
| 28/ | X | 2 | 704 | 408 | <0.1 | 0.03 | <0.03 | <0.03 |
| 29/ | F | 2 | 817 | 450 | <0.1 | 0.03 | <0.03 | <0.03 |
| 30/ | X | 2 | 1109 | 498 | <0.1 | 0.05 | <0.03 | <0.03 |
| Mean | | 2 | 781 | 426 | <<0.1 | <0.0 | <<0.0 | <<0.0 |
| Minimum | | 1 | 593 | 376 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | | 2 | 1109 | 498 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 0 | 200 | 48 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Færder Fished in october 2004

sample no.

- 26 Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua*
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no 1,5
- 27 Bulk of NIVA no 6,7,8,11,12 Skin with metacercariae of cf. *Cryptocotyle lingua*
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no 6,11
- 28 Bulk of NIVA no 13,14,9,10,17 Skin with metacercariae of cf. *Cryptocotyle lingua*
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no10
- 29 Bulk of NIVA no 16,15,18,19,20 Skin with metacercariae of cf. *Cryptocotyle lingua*
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no 15,18,19
- 30 Bulk of NIVA no 21,22,23,24,25 Skin with metacercariae of cf. *Cryptocotyle lingua*
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no 22,23,24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.430N Longitude: 10°26.148E
 Catch,date : **20051028** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| | | | | | 0.005 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 2 | 1183 | 512 | | 18,0 | | 0.081 |
| 2/1 | F | 2 | 1258 | 520 | | 19,0 | | 0.085 |
| 3/1 | M | 5 | 1599 | 575 | | 18,0 | | 0.172 |
| 4/1 | M | 3 | 1394 | 520 | | 18,0 | | 0.136 |
| 5/1 | M | 3 | 1231 | 550 | | 19,0 | | 0.146 |
| 6/1 | F | 2 | 1227 | 510 | | 18,0 | | 0.109 |
| 7/1 | F | 3 | 1395 | 535 | | 18,0 | | 0.086 |
| 8/1 | M | 2 | 989 | 430 | | 20,0 | | 0.074 |
| 9/1 | M | 2 | 1252 | 505 | | 19,0 | | 0.091 |
| 10/ | M | 2 | 1057 | 440 | | 19,0 | | 0.077 |
| 11/ | F | 2 | 1140 | 515 | | 17,0 | | 0.102 |
| 12/ | F | 2 | 1016 | 505 | | 17,0 | | 0.109 |
| 13/ | F | 2 | 901 | 455 | | 19,0 | | 0.088 |
| 14/ | F | 4 | 835 | 435 | | 20,0 | | 0.082 |
| 15/ | F | 2 | 875 | 480 | | 19,0 | | 0.085 |
| 16/ | F | 2 | 959 | 473 | | 18,0 | | 0.085 |
| 17/ | F | 2 | 974 | 470 | | 18,0 | | 0.110 |
| 18/ | M | 2 | 678 | 400 | | 18,0 | | 0.080 |
| 19/ | F | 2 | 974 | 460 | | 20,0 | | 0.067 |
| 20/ | M | 1 | 712 | 385 | | 19,0 | | 0.050 |
| 21/ | F | 2 | 658 | 415 | | 19,0 | | 0.051 |
| 22/ | M | 2 | 556 | 400 | | 18,0 | | 0.074 |
| 23/ | M | 2 | 878 | 435 | | 20,0 | | 0.058 |
| 24/ | M | 2 | 661 | 425 | | 18,0 | | 0.089 |
| 25/ | F | 2 | 752 | 428 | | 18,0 | | 0.068 |
| Mean | | 2 | 1006 | 471 | | 18,6 | | 0,090 |
| Minimum | | 1 | 556 | 385 | | 17,0 | | 0,050 |
| Maximum | | 5 | 1599 | 575 | | 20,0 | | 0,172 |
| St.Dev | | 1 | 267 | 52 | | 0,9 | | 0,028 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Færder

sample no.

- 1 Bacterial fin rot Signs of mechanical damage (e.g., net wounds)
Part sample = 54,3g
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 54,2g
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Part sample = 54,8g
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,8g
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 55,2g
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Part sample = 50,8g
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Bacterial fin rot
Part sample = 57,2g
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Bacterial fin rot
Part sample = 51,0g
- 9 Bacterial fin rot Part sample = 55,0g
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 58,0g
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,4g
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 57,8g
- 13 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Bacterial fin rot Part sample = 51,2g
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 53,2g
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Bacterial fin rot
Part sample = 53,2g
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 55,6g
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 57,1g
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 59,2g
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 61,7g
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 56,4g
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 57,6g
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Part sample = 55,9g
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,1g
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 53,9g
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 54,2g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.430N Longitude: 10°26.148E
 Catch,date : **20051028** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 340 | 341 | 341 | Calc | Calc | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.05 | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 26/ | X | 2 | 653 | 405 | 0,4 | 0.06 | 0.09 | 0.22 | 0.38 | 0.73 | 0.62 | 0.84 | 0.06 | 0.15 | <0.05 | 3 | <3 | 0.21 | <0.2 | <0.1 | <0.4 | | | | |
| 27/ | X | 2 | 902 | 434 | 0,3 | <0.05 | <0.05 | 0.1 | 0.12 | 0.31 | 0.69 | 1.1 | 0.07 | 0.24 | <0.05 | <2 | <3 | 4.5 | 0.98 | 0.22 | 5.7 | | | | |
| 28/ | F | 2 | 937 | 468 | 0,3 | <0.05 | 0.10 | 0.23 | 0.33 | 0.63 | 0.61 | 0.86 | 0.06 | 0.16 | <0.05 | <3 | <3 | 0.20 | <0.2 | <0.1 | <0.4 | | | | |
| 29/ | X | 2 | 1164 | 509 | 0,2 | 0.1 | 0.25 | 0.59 | 0.91 | 1.9 | 1.6 | 2.7 | 0.15 | 0.43 | <0.05 | 8 | <9 | 0.41 | <0.2 | <0.1 | <0.6 | | | | |
| 30/ | X | 3 | 1375 | 540 | 0,3 | 0.07 | 0.13 | 0.34 | 0.46 | 0.96 | 0.99 | 1.6 | 0.09 | 0.29 | <0.05 | 4 | <5 | 0.47 | <0.2 | <0.1 | <0.7 | | | | |
| Mean | | 2 | 1006 | 471 | 0,3 | <<0.1 | <0.1 | 0,3 | 0,4 | 0,9 | 0,9 | 1,4 | 0,1 | 0,3 | <<0.1 | <<4 | <<5 | 1,2 | <<0.4 | <<0.1 | <<1.6 | | | | |
| Minimum | | 2 | 653 | 405 | 0,2 | <0.1 | <0.1 | 0,1 | 0,1 | 0,3 | 0,6 | 0,8 | 0,1 | 0,2 | <0.1 | <2 | <3 | 0,2 | <0.2 | <0.1 | <0.4 | | | | |
| Maximum | | 3 | 1375 | 540 | 0,4 | 0,1 | 0,3 | 0,6 | 0,9 | 1,9 | 1,6 | 2,7 | 0,2 | 0,4 | <0.1 | | 8 | <9 | 4,5 | 1,0 | 0,2 | 5,7 | | | |
| St.Dev | | 1 | 275 | 55 | 0,1 | ~0.0 | ~0.1 | 0,2 | 0,3 | 0,6 | 0,4 | 0,8 | 0,0 | 0,1 | ~0.0 | ~2 | ~3 | 1,9 | ~0.3 | ~0.1 | ~2.3 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 653 | 405 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 27/ | X | 2 | 902 | 434 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 |
| 28/ | F | 2 | 937 | 468 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 29/ | X | 2 | 1164 | 509 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 |
| 30/ | X | 3 | 1375 | 540 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| Mean | | 2 | 1006 | 471 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.1 |
| Minimum | | 2 | 653 | 405 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| Maximum | | 3 | 1375 | 540 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 1 | 275 | 55 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Færder

sample no.

- 26 Bulk of NIVA no 20,22,18,21,24 Liver a/or intestinal guts with larvae of Anisakis simpl. 18
Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods no22
Skin with metacercariae of cf. Cryptocotyle lingua
- 27 Bulk of NIVA no 25,8,23,14,10 Skin with metacercariae of cf. Cryptocotyle lingua
Bacterial fin rot no 8
- 28 Bulk of NIVA no 13,19,17,16,15 Skin with metacercariae of cf. Cryptocotyle lingua
Liver a/or intestinal guts with larvae of Anisakis simpl. 13 Bacterial fin rot no13,15
- 29 Bulk of NIVA no 12,9,6,1,11 Skin with metacercariae of cf. Cryptocotyle lingua 12,11,6
Bacterial fin rot no1,9 Signs of mechanical damage (e.g., net wounds) no1,6
Liver a./or intestinal guts with larvae of Anisakis simpl.12
- 30 Bulk of NIVA no 2,4,7,5,3 Skin with metacercariae of cf. Cryptocotyle lingua
Liver an/or intestinal guts with larvae of Anisakis simpl. 2 Signs of mechanical damage (e.g., net wounds) no3
Bacterial fin rot no7

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20061001** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| | | | | | 0.005 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 4 | 2641 | 645 | | 17,0 | | 0.214 |
| 2/1 | F | 3 | 1415 | 533 | | 17,0 | | 0.152 |
| 3/1 | F | 2 | 1177 | 515 | | 18,0 | | 0.099 |
| 4/1 | F | 3 | 1570 | 562 | | 17,0 | | 0.100 |
| 5/1 | F | 3 | 1428 | 538 | | 16,0 | | 0.117 |
| 6/1 | F | 6 | 2232 | 605 | | 17,0 | | 0.232 |
| 7/1 | F | 3 | 1527 | 554 | | 18,0 | | 0.068 |
| 8/1 | F | 3 | 1299 | 515 | | 19,0 | | 0.077 |
| 9/1 | M | 3 | 1080 | 523 | | 18,0 | | 0.067 |
| 10/ | F | 3 | 829 | 482 | | 16,0 | | 0.082 |
| 11/ | M | 2 | 974 | 469 | | 18,0 | | 0.070 |
| 12/ | F | 3 | 1075 | 485 | | 19,0 | | 0.136 |
| 13/ | F | 2 | 1110 | 462 | | 21,0 | | 0.068 |
| 14/ | F | 2 | 1018 | 460 | | 16,0 | | 0.133 |
| 15/ | F | 2 | 822 | 440 | | 18,0 | | 0.100 |
| 16/ | M | 2 | 880 | 465 | | 19,0 | | 0.094 |
| 17/ | F | 2 | 781 | 437 | | 16,0 | | 0.083 |
| 18/ | M | 2 | 837 | 480 | | 16,0 | | 0.100 |
| 19/ | M | 2 | 975 | 449 | | 18,0 | | 0.048 |
| 20/ | M | 2 | 753 | 428 | | 17,0 | | 0.057 |
| 21/ | F | 2 | 770 | 432 | | 17,0 | | 0.111 |
| 22/ | M | 2 | 774 | 450 | | 19,0 | | 0.075 |
| 23/ | M | 2 | 628 | 425 | | 16,0 | | 0.100 |
| 24/ | F | 2 | 718 | 428 | | 18,0 | | 0.057 |
| 25/ | M | 2 | 639 | 414 | | 19,0 | | 0.073 |
| Mean | | 3 | 1118 | 488 | | 17,6 | | 0,101 |
| Minimum | | 2 | 628 | 414 | | 16,0 | | 0,048 |
| Maximum | | 6 | 2641 | 645 | | 21,0 | | 0,232 |
| St.Dev | | 1 | 484 | 60 | | 1,3 | | 0,045 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Færder area Fish sampled oct.2006

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 61,70g
- 2 Skin with metacercariae of cf. Cryptocotyle lingua Part sample =50,15g
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 64,15g
- 4 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,82g
- 5 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 62,45g
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 52,72g
- 7 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,95g
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Part sample = 51,15g
- 9 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 50,77g
- 10 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,88g
- 11 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,01g
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,15g
- 13 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,29g
- 14 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 50,76g
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,51g
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 51,4g
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 50,05g
- 18 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 52,55g
- 19 Part sample = 63,04g
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Part sasample = 52,78g
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 56,92g
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Part sample= 54,93g
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Part sample= 51,51g
- 24 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 52,76g
- 25 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 54,25g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36B Færder area** Latitude: 59°2.0N Longitude: 10°32.0E
 Catch,date : **20061001** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | 341 | 341 | Calc | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTTPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 702 | 425 | 0,3 | 0.12 | 0.18 | 0.41 | 1.0 | 2.5 | 2.2 | 3.3 | 0.22 | 0.63 | <0.05 | 9 | <11 | 0.36 | <0.2 | <0.1 | <0.6 | <0.6 | |
| 27/ | X | 2 | 874 | 447 | 0,3 | 0.10 | 0.15 | 0.41 | 1.1 | 2.9 | 2.4 | 3.7 | 0.23 | 0.75 | <0.05 | 10 | <12 | 0.38 | <0.2 | <0.1 | <0.6 | <0.6 | |
| 28/ | X | 2 | 926 | 472 | 0,3 | 0.13 | 0.19 | 0.39 | 0.82 | 1.9 | 1.2 | 1.7 | 0.11 | 0.38 | <0.05 | 6 | <7 | 0.38 | <0.2 | <0.1 | <0.6 | <0.6 | |
| 29/ | X | 3 | 1209 | 514 | 0,3 | 0.25 | 0.49 | 0.81 | 1.4 | 3.1 | 1.8 | 2.4 | 0.15 | 0.49 | <0.05 | 9 | <11 | 0.46 | <0.2 | <0.1 | <0.7 | <0.7 | |
| 30/ | X | 4 | 1880 | 581 | 0,3 | 0.14 | 0.32 | 0.62 | 0.72 | 1.4 | 1.3 | 1.7 | 0.11 | 0.29 | <0.05 | 6 | <7 | 0.25 | <0.2 | <0.1 | <0.5 | <0.5 | |
| Mean | | 3 | 1118 | 488 | 0,3 | 0,1 | 0,3 | 0,5 | 1,0 | 2,4 | 1,8 | 2,6 | 0,2 | 0,5 | <<0.1 | 8 | <<10 | 0,4 | <<0.2 | <<0.1 | <<0.6 | <<0.6 | |
| Minimum | | 2 | 702 | 425 | 0,3 | 0,1 | 0,2 | 0,4 | 0,7 | 1,4 | 1,2 | 1,7 | 0,1 | 0,3 | <0.1 | 6 | <7 | 0,3 | <0.2 | <0.1 | <0.5 | <0.5 | |
| Maximum | | 4 | 1880 | 581 | 0,3 | 0,3 | 0,5 | 0,8 | 1,4 | 3,1 | 2,4 | 3,7 | 0,2 | 0,8 | <0.1 | 10 | <12 | 0,5 | <0.2 | <0.1 | <0.7 | <0.7 | |
| St.Dev | | 1 | 463 | 62 | 0,0 | 0,1 | 0,1 | 0,2 | 0,3 | 0,7 | 0,5 | 0,9 | 0,1 | 0,2 | ~0.0 | 2 | ~2 | 0,1 | ~0.0 | ~0.0 | ~0.1 | ~0.1 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.03 | 0.03 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 702 | 425 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 27/ | X | 2 | 874 | 447 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 28/ | X | 2 | 926 | 472 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 29/ | X | 3 | 1209 | 514 | <0.05 | <0.1 | 0.04 | <0.03 | 0.06 |
| 30/ | X | 4 | 1880 | 581 | <0.05 | <0.1 | 0.70 | <0.03 | <0.05 |
| Mean | | 3 | 1118 | 488 | <<0.1 | <<0.1 | 0,2 | <<0.0 | <<0.1 |
| Minimum | | 2 | 702 | 425 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| Maximum | | 4 | 1880 | 581 | <0.1 | <0.1 | 0,7 | <0.0 | 0,1 |
| St.Dev | | 1 | 463 | 62 | ~0.0 | ~0.0 | 0,3 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Færder area Fish sampled oct.2006

sample no.

- 26 Bulk of NIVA no 25,23,24,20,21 Bulk part sample NIVA no 25,23,24,20,21
- 27 Bulk of NIVA no 17,15,19,22,14 Bulk part sample NIVA no 17,15,19,22,14
- 28 Bulk of NIVA no 13,16,11,18,10 Bulk part sample NIVA no 13,16,11,18,10
- 29 Bulk of NIVA no 12,8,3,9,2 Bulk part sample NIVA no 12,8,3,9,2
- 30 Bulk of Niva no 5,7,4,6,1 Bulk part sample NIVA no 5,7,4,6,1

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20020926** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght g | Lngr mm | weight g | Dry % | Fat % | HG ppm | NIVA |
|-------------|-----|-----|--------|---------|----------|-------|-------|--------|-------|
| | | | | | Mean | | | | 310 |
| | | | | | | | | | 0.005 |
| | | | | | | | | | 0.033 |
| 1/1 | F | 2 | 844 | 440 | 53,5 | 20,0 | | | |
| 2/1 | M | 2 | 792 | 442 | 49,9 | 19,3 | | | 0.055 |
| 3/1 | F | 2 | 692 | 425 | 50,2 | 21,2 | | | 0.030 |
| 4/1 | M | 2 | 1004 | 468 | 54,2 | 19,2 | | | 0.039 |
| 5/1 | F | 2 | 1108 | 470 | 58,9 | 20,2 | | | 0.040 |
| 6/1 | F | 3 | 1575 | 561 | 50,0 | 20,5 | | | 0.048 |
| 7/1 | F | 3 | 1830 | 545 | 63,3 | 20,4 | | | 0.044 |
| 8/1 | M | 3 | 1478 | 534 | 52,2 | 19,0 | | | 0.056 |
| 9/1 | F | 2 | 1014 | 446 | 52,9 | 19,3 | | | 0.038 |
| 10/ | M | 3 | 1436 | 522 | 60,2 | 18,8 | | | 0.050 |
| 11/ | M | 3 | 1283 | 495 | 50,6 | 19,3 | | | 0.043 |
| 12/ | M | 3 | 1451 | 513 | 51,2 | 19,1 | | | 0.048 |
| 13/ | M | 3 | 888 | 438 | 50,6 | 18,5 | | | 0.051 |
| 14/ | M | 2 | 614 | 415 | 50,8 | 19,2 | | | 0.039 |
| 15/ | F | 3 | 1217 | 465 | 54,7 | 20,3 | | | 0.023 |
| 16/ | F | 3 | 1824 | 551 | 50,8 | 20,1 | | | 0.059 |
| 17/ | F | 2 | 1008 | 470 | 53,6 | 20,5 | | | 0.044 |
| 18/ | M | 2 | 887 | 445 | 52,7 | 19,9 | | | 0.037 |
| 19/ | F | 2 | 921 | 450 | 54,1 | 19,2 | | | 0.036 |
| 20/ | M | 2 | 1103 | 465 | 51,0 | 19,6 | | | 0.050 |
| 21/ | F | 3 | 1547 | 547 | 56,5 | 19,8 | | | 0.055 |
| 22/ | F | 2 | 911 | 439 | 50,4 | 19,8 | | | 0.026 |
| 23/ | F | 2 | 1255 | 505 | 53,1 | 19,4 | | | 0.035 |
| 24/ | M | 3 | 1520 | 521 | 51,9 | 20,4 | | | 0.050 |
| 25/ | F | 3 | 920 | 440 | 53,7 | 19,8 | | | 0.043 |
| Mean | | 2 | 1165 | 480 | 53,2 | 19,7 | | | 0,043 |
| Minimum | | 2 | 614 | 415 | 49,9 | 18,5 | | | 0,023 |
| Maximum | | 3 | 1830 | 561 | 63,3 | 21,2 | | | 0,059 |
| St.Dev | | 1 | 341 | 45 | 3,4 | 0,6 | | | 0,009 |
| Count | | 25 | 25 | 25 | 25 | 25 | | | 25 |

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Comments

Station: Ullerø area

sample no.

3 Skin with metacercariae of cf. *Cryptocotyle lingua*
10 Skin with metacercariae of cf. *Cryptocotyle lingua*
12 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with ulceration, lymphocytic areas and/or lesions
Skin with metacercariae of cf. *Cryptocotyle lingua*
13 Gills with *Lernaeocera* copepods Liver and/or intestinal guts with larvae of *Anisakis simplex*
15 Age uncertain
16 Liver and/or intestinal guts with larvae of *Anisakis simplex*
19 Gills with *Lernaeocera* copepods
21 Gills with *Lernaeocera* copepods Skin with metacercariae of cf. *Cryptocotyle lingua*
22 Skin with metacercariae of cf. *Cryptocotyle lingua*
23 Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of *Anisakis simplex*
24 Skin with metacercariae of cf. *Cryptocotyle lingua*
25 Gills with *Lernaeocera* copepods

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20020926** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Analysis code => | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 790 | 431 | 51,1 | 0,4 | <0.05 | <0.05 | 0.09 | 0.06 | 0.16 | 0.31 | 0.45 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.35 | <0.07 | <0.4 | <0.05 | | |
| 27/ | X | 2 | 907 | 445 | 52,6 | 0,3 | <0.05 | <0.05 | 0.10 | 0.06 | 0.16 | 0.33 | 0.45 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.34 | <0.07 | <0.4 | <0.05 | | |
| 28/ | X | 2 | 1088 | 468 | 54,5 | 0,4 | <0.05 | <0.05 | 0.09 | <0.05 | 0.09 | 0.18 | 0.22 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.18 | <0.07 | <0.3 | <0.05 | | |
| 29/ | X | 3 | 1389 | 511 | 53,4 | 0,4 | <0.05 | <0.05 | 0.09 | <0.05 | 0.09 | 0.17 | 0.21 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.17 | <0.07 | <0.2 | <0.05 | | |
| 30/ | X | 3 | 1651 | 548 | 54,6 | 0,4 | <0.05 | <0.05 | 0.09 | <0.05 | 0.08 | 0.17 | 0.21 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.22 | <0.07 | <0.3 | <0.05 | | |
| Mean | | 2 | 1165 | 480 | 53,2 | 0,4 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,1 | 0,2 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,3 | <<0.1 | <<0.3 | <<0.1 | | |
| Minimum | | 2 | 790 | 431 | 51,1 | 0,4 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.1 | <0.2 | <0.1 | | |
| Maximum | | 3 | 1651 | 548 | 54,6 | 0,4 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,3 | 0,5 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | <0.1 | <0.4 | <0.1 | | |
| St.Dev | | 0 | 353 | 48 | 1,4 | 0,0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | 0,0 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngt | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 790 | 431 | <0.1 | 0.05 | <0.03 | <0.03 |
| 27/ | X | 2 | 907 | 445 | <0.1 | 0.05 | <0.03 | <0.03 |
| 28/ | X | 2 | 1088 | 468 | <0.1 | 0.06 | <0.03 | <0.03 |
| 29/ | X | 3 | 1389 | 511 | <0.1 | 0.07 | <0.03 | <0.03 |
| 30/ | X | 3 | 1651 | 548 | <0.1 | 0.06 | <0.03 | <0.03 |
| Mean | | 2 | 1165 | 480 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 2 | 790 | 431 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 3 | 1651 | 548 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 0 | 353 | 48 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Ullerø area
 sample no.
 26 Bulk of NIVA no 14,3,13,22,1 Skin with metacercariae of cf. Cryptocotyle lingua no3,22
 Gills with Lernaeocera copepods no 13 Liver a/o intestinal guts with larvae of Anisakis simpl.no13
 27 Bulk of NIVA no 25,2,18,9,19 Gills with Lernaeocera copepods no 11,25
 28 Bulk of NIVA no 15,20,4,5,17
 29 Bulk of NIVA no 11,23,12,24,10 Skin with metacercariae cf. Cryptocotyle lingua no10,12,24
 Skin with ulceration, lymphocytic areas / lesions no12,23 Liver a/o intestinal guts w. larvae of Anisakis simpl.n12,23
 30 Bulk of NIVA no 8,7,21,16,6 Skin with metacercariae of cf. Cryptocotyle lingua no21
 Gills with Lernaeocera copepods no21 Liver a/o intestinal guts with larvae of Anisakis simpl.no16

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20031006** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght year | Lngr mm | weight g | Dry % | Fat % | NIVA |
|-------------|-----|-----|-----------|---------|----------|-------|-------|-------|
| | | | | | Mean | | | 310 |
| | | | | | | | | 0.005 |
| | | | | | | | | 0.028 |
| 1/1 | F | 1 | 509 | 360 | 53,5 | 19,6 | | |
| 2/1 | M | 2 | 825 | 430 | 51,7 | 19,4 | | 0.031 |
| 3/1 | F | 3 | 687 | 400 | 50,7 | 19,1 | | 0.072 |
| 4/1 | F | 2 | 804 | 435 | 50,3 | 19,4 | | 0.026 |
| 5/1 | M | 2 | 943 | 450 | 55,7 | 19,0 | | 0.034 |
| 6/1 | M | 2 | 972 | 460 | 53,3 | 18,5 | | 0.043 |
| 7/1 | M | 2 | 1154 | 500 | 52,6 | 18,8 | | 0.076 |
| 8/1 | F | 2 | 711 | 420 | 54,5 | 19,6 | | 0.026 |
| 9/1 | M | 2 | 979 | 455 | 51,3 | 19,2 | | 0.049 |
| 10/ | F | 2 | 956 | 450 | 52,7 | 19,0 | | 0.028 |
| 11/ | F | 2 | 1094 | 460 | 50,8 | 18,8 | | 0.022 |
| 12/ | F | 2 | 794 | 420 | 50,4 | 19,4 | | 0.034 |
| 13/ | M | 2 | 785 | 440 | 51,9 | 17,9 | | 0.036 |
| 14/ | M | 3 | 1380 | 490 | 52,3 | 19,7 | | 0.039 |
| 15/ | M | 3 | 1041 | 465 | 50,6 | 19,1 | | 0.035 |
| 16/ | M | 3 | 929 | 465 | 53,1 | 18,9 | | 0.031 |
| 17/ | F | 2 | 814 | 435 | 51,7 | 19,8 | | 0.032 |
| 18/ | F | 2 | 932 | 465 | 55,0 | 18,6 | | 0.037 |
| 19/ | F | 2 | 794 | 430 | 52,4 | 18,0 | | 0.033 |
| 20/ | F | 2 | 1065 | 450 | 50,9 | 19,2 | | 0.036 |
| 21/ | M | 2 | 835 | 430 | 50,2 | 18,7 | | 0.036 |
| 22/ | M | 2 | 1051 | 450 | 51,5 | 18,9 | | 0.052 |
| 23/ | M | 2 | 1279 | 490 | 51,5 | 18,7 | | 0.031 |
| 24/ | F | 2 | 1000 | 500 | 51,8 | 18,6 | | 0.037 |
| 25/ | M | 2 | 1163 | 500 | 50,8 | 18,1 | | 0.036 |
| Mean | | 2 | 940 | 450 | 52,1 | 19,0 | | 0,038 |
| Minimum | | 1 | 509 | 360 | 50,2 | 17,9 | | 0,022 |
| Maximum | | 3 | 1380 | 500 | 55,7 | 19,8 | | 0,076 |
| St.Dev | | 0 | 194 | 33 | 1,5 | 0,5 | | 0,013 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Ullerø area

sample no.

- 1 Age uncertain
- 2 Age uncertain
- 3 Age uncertain
- 7 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
- 9 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
- 10 Age uncertain
- 11 Signs of mechanical damage (e.g., net wounds)
- 13 Signs of mechanical damage (e.g., net wounds)
- 14 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Signs of mechanical damage (e.g., net wounds)
- 15 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
Signs of mechanical damage (e.g., net wounds)
- 16 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 17 Muscle with signs of inner bleeding Signs of mechanical damage (e.g., net wounds)
- 18 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 19 Signs of mechanical damage (e.g., net wounds)
- 20 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 21 Skin with ulceration, lymphocytic areas and/or lesions Signs of mechanical damage (e.g., net wounds)
- 22 Signs of mechanical damage (e.g., net wounds)
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Signs of mechanical damage (e.g., net wounds)
- 25 Age uncertain Signs of mechanical damage (e.g., net wounds)

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20031006** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 705 | 406 | 52,2 | 0,2 | <0.05 | miss | 0.12 | 0.09 | 0.17 | 0.31 | 0.42 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.37 | <0.07 | <0.4 | <0.05 | |
| 27/ | X | 2 | 807 | 434 | 51,3 | 0,3 | <0.05 | <0.05 | 0.16 | 0.11 | 0.27 | 0.51 | 0.78 | <0.05 | 0.15 | <0.05 | <2 | <2 | 0.57 | <0.07 | <0.6 | <0.05 | |
| 28/ | X | 2 | 999 | 451 | 52,4 | 0,3 | <0.05 | <0.05 | 0.14 | 0.08 | 0.19 | 0.35 | 0.50 | <0.05 | 0.10 | <0.05 | <1 | <1 | 0.39 | <0.07 | <0.5 | <0.05 | |
| 29/ | X | 2 | 994 | 463 | 52,5 | 0,3 | <0.05 | <0.05 | 0.18 | 0.09 | 0.18 | 0.32 | 0.42 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.39 | <0.07 | <0.5 | <0.05 | |
| 30/ | X | 2 | 1195 | 496 | 51,8 | 0,2 | <0.05 | 0.05 | 0.17 | 0.07 | 0.13 | 0.24 | 0.32 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.30 | <0.07 | <0.4 | <0.05 | |
| Mean | | 2 | 940 | 450 | 52,1 | 0,3 | <<0.1 | <<0.1 | 0,2 | 0,1 | 0,2 | 0,3 | 0,5 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,4 | <<0.1 | <<0.5 | <<0.1 | |
| Minimum | | 2 | 705 | 406 | 51,3 | 0,2 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.1 | <0.4 | <0.1 | |
| Maximum | | 2 | 1195 | 496 | 52,6 | 0,3 | <0.1 | 0,1 | 0,2 | 0,1 | 0,3 | 0,5 | 0,8 | <0.1 | 0,2 | <0.1 | <2 | <2 | 0,6 | <0.1 | <0.6 | <0.1 | |
| St.Dev | | 0 | 190 | 33 | 0,5 | 0,0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,1 | 0,1 | 0,2 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 2 | 705 | 406 | <0.1 | 0.08 | <0.03 | <0.03 | |
| 27/ | X | 2 | 807 | 434 | <0.1 | 0.08 | <0.03 | <0.03 | |
| 28/ | X | 2 | 999 | 451 | <0.1 | 0.07 | <0.03 | <0.03 | |
| 29/ | X | 2 | 994 | 463 | <0.1 | 0.07 | <0.03 | <0.03 | |
| 30/ | X | 2 | 1195 | 496 | <0.1 | 0.07 | <0.03 | <0.03 | |
| Mean | | 2 | 940 | 450 | <<0.1 | 0,1 | <<0.0 | <<0.0 | |
| Minimum | | 2 | 705 | 406 | <0.1 | 0,1 | <0.0 | <0.0 | |
| Maximum | | 2 | 1195 | 496 | <0.1 | 0,1 | <0.0 | <0.0 | |
| St.Dev | | 0 | 190 | 33 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(1) ! Missing value

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Comments

Station: Ullerø area

sample no.

- 26 Bulk of NIVA no 1,3,8,12,2
27 Bulk of NIVA no19,21,4,17,13 Muscle with signs of inner bleeding no17
Skin with ulceration, lymphocytic areas and/or lesions no21 Signs of mechanical damage (e.g., net wounds),no13,17,19,21
28 Bulk of NIVA no 5,10,20,22,9 Muscle with signs of inner bleeding no9
Signs of mechanical damage (e.g., net wounds) no9,20,22
29 Bulk of NIVA no 6,11,15,16,18 Signs of mechanical damage (e.g., net wounds)no11,15,16,18
Liver a/o intestinal guts with larvae of Anisakis simplex,15
30 Bulk of NIVA no 14,23,7,24,25 Signs of mechanical damage (e.g., net wounds)
Muscle with signs of inner bleeding no7 Skin with metacercariae of cf. Cryptocotyle lingua no14,23
Liver a/o intestinal guts with larvae of Anisakis simplex,24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20041019** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 2 | 630 | 380 | 50,1 | 19,8 | | 0.026 |
| 2/1 | M | 2 | 603 | 390 | 50,0 | 19,0 | | 0.024 |
| 3/1 | M | 2 | 756 | 405 | 50,1 | 20,8 | | 0.049 |
| 4/1 | F | 2 | 1038 | 440 | 50,4 | 19,8 | | 0.039 |
| 5/1 | M | 2 | 1134 | 440 | 50,4 | 19,6 | | 0.023 |
| 6/1 | M | 1 | 667 | 440 | 50,1 | 20,1 | | 0.019 |
| 7/1 | M | 2 | 849 | 440 | 52,6 | 19,9 | | 0.028 |
| 8/1 | F | 3 | 674 | 385 | 50,2 | 19,1 | | 0.024 |
| 9/1 | F | 1 | 685 | 405 | 53,6 | 20,0 | | 0.021 |
| 10/ | M | 1 | 563 | 380 | 51,3 | 20,0 | | 0.038 |
| 11/ | M | 1 | 978 | 420 | 50,2 | 19,5 | | 0.026 |
| 12/ | F | 1 | 613 | 400 | 50,8 | 19,4 | | 0.017 |
| 13/ | M | 1 | 831 | 420 | 51,9 | 20,2 | | 0.022 |
| 14/ | M | 1 | 620 | 380 | 54,2 | 19,9 | | 0.018 |
| 15/ | M | 2 | 686 | 395 | 50,7 | 20,4 | | 0.022 |
| 16/ | M | 1 | 714 | 400 | 50,7 | 19,9 | | 0.064 |
| 17/ | F | 2 | 639 | 400 | 51,1 | 20,0 | | 0.025 |
| 18/ | M | 2 | 696 | 400 | 50,8 | 20,2 | | 0.018 |
| 19/ | M | 2 | 973 | 425 | 55,0 | 19,9 | | 0.023 |
| 20/ | M | 2 | 888 | 450 | 50,7 | 20,7 | | 0.036 |
| 21/ | F | 3 | 1026 | 465 | 50,7 | 20,2 | | 0.027 |
| 22/ | F | 2 | 643 | 385 | 53,7 | 19,7 | | 0.018 |
| 23/ | M | 3 | 945 | 445 | 55,9 | 19,4 | | 0.042 |
| 24/ | F | 2 | 1183 | 470 | 55,4 | 19,8 | | 0.020 |
| 25/ | M | 2 | 1021 | 455 | 55,2 | 19,8 | | 0.046 |
| Mean | | 2 | 802 | 417 | 51,8 | 19,9 | | 0,029 |
| Minimum | | 1 | 563 | 380 | 50,0 | 19,0 | | 0,017 |
| Maximum | | 3 | 1183 | 470 | 55,9 | 20,8 | | 0,064 |
| St.Dev | | 1 | 186 | 28 | 2,0 | 0,4 | | 0,012 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Ullerø area

sample no.

- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 6 Age uncertain
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
- 10 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 11 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
- 18 Signs of mechanical damage (e.g., net wounds)
- 19 Signs of mechanical damage (e.g., net wounds)
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
- 22 Signs of mechanical damage (e.g., net wounds)
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Signs of mechanical damage (e.g., net wounds)
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20041019** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 626 | 382 | 51,9 | 18,4 | 0,1 | <0.05 | miss | miss | <0.05 | <0.05 | 0.06 | 0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.07 | <0.07 | <0.1 | <0.05 |
| 27/ | X | 2 | 647 | 397 | 50,7 | 19,4 | 0,2 | <0.05 | <0.05 | miss | <0.05 | 0.05 | 0.09 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.12 | <0.07 | <0.2 | <0.05 |
| 28/ | X | 1 | 793 | 410 | 51,3 | 20,1 | 0,2 | <0.05 | <0.05 | miss | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | <0.05 | <0.07 | <0.1 | <0.05 |
| 29/ | X | 2 | 932 | 437 | 51,7 | 20,1 | 0,3 | <0.05 | <0.05 | miss | <0.05 | <0.05 | 0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.05 | <0.07 | <0.1 | <0.05 |
| 30/ | X | 2 | 1013 | 457 | 53,6 | 19,8 | 0,2 | <0.05 | <0.05 | miss | <0.05 | 0.05 | 0.09 | 0.09 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.11 | <0.07 | <0.2 | <0.05 |
| Mean | | 2 | 802 | 417 | 51,8 | 19,6 | 0,2 | <<0.1 | <<0.1 | | <<0.1 | <<0.1 | <0.1 | <0.1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | <0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | | 1 | 626 | 382 | 50,7 | 18,4 | 0,1 | <0.1 | <0.1 | | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0 | <0 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | | 2 | 1013 | 457 | 53,6 | 20,1 | 0,3 | <0.1 | <0.1 | | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 |
| St.Dev | | 0 | 170 | 30 | 1,1 | 0,7 | 0,1 | ~0.0 | ~0.0 | | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | ~0.0 | ~0.0 | ~0.1 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|------|-------|-------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 2 | 626 | 382 | <0.1 | 0.05 | <0.03 | <0.05 | |
| 27/ | X | 2 | 647 | 397 | <0.1 | 0.06 | <0.03 | <0.05 | |
| 28/ | X | 1 | 793 | 410 | <0.1 | 0.05 | <0.03 | <0.05 | |
| 29/ | X | 2 | 932 | 437 | <0.1 | 0.05 | <0.03 | <0.05 | |
| 30/ | X | 2 | 1013 | 457 | <0.1 | 0.06 | <0.03 | <0.05 | |
| Mean | | 2 | 802 | 417 | <<0.1 | 0,1 | <<0.0 | <<0.1 | |
| Minimum | | 1 | 626 | 382 | <0.1 | 0,1 | <0.0 | <0.1 | |
| Maximum | | 2 | 1013 | 457 | <0.1 | 0,1 | <0.0 | <0.1 | |
| St.Dev | | 0 | 170 | 30 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(6) ! Missing value

Comments

Station: Ullerø area

sample no.

- 26 Bulk of NIVA no 1,10,14,22,8
- 27 Bulk of NIVA no 2,15,12,17,18
- 28 Bulk of NIVA no 16,3,9,13,11
- 29 Bulk of NIVA no 19,6,7,4,5
- 30 Bulk of NIVA no 23,20,25,21,24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullers area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20051024** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght year | Lngr mm | weight g | Dry % | Fat % | HG ppm | NIVA |
|-------------|-----|-----|-----------|---------|--------------------|-------|-------|--------|-------|
| | | | | | Mean | | | | 310 |
| | | | | | Detection limit => | | | | 0.005 |
| | | | | | | | | | |
| 1/1 | M | 2 | 1154 | 480 | | 19,0 | | 0.024 | |
| 2/1 | F | 2 | 737 | 430 | | 19,0 | | 0.050 | |
| 3/1 | F | 2 | 894 | 450 | | 19,0 | | 0.023 | |
| 4/1 | M | 2 | 900 | 438 | | 20,0 | | 0.070 | |
| 5/1 | F | 2 | 670 | 405 | | 20,0 | | 0.016 | |
| 6/1 | M | 2 | 1237 | 485 | | 20,0 | | 0.049 | |
| 7/1 | F | 2 | 850 | 425 | | 20,0 | | 0.019 | |
| 8/1 | F | 2 | 963 | 465 | | 19,0 | | 0.034 | |
| 9/1 | M | 1 | 878 | 435 | | 19,0 | | 0.020 | |
| 10/ | F | 2 | 967 | 462 | | 18,0 | | 0.099 | |
| 11/ | M | 2 | 930 | 470 | | 19,0 | | 0.041 | |
| 12/ | F | 2 | 1286 | 532 | | 20,0 | | 0.026 | |
| 13/ | F | 2 | 1134 | 492 | | 19,0 | | 0.048 | |
| 14/ | F | 2 | 1361 | 540 | | 18,0 | | 0.043 | |
| 15/ | F | 4 | 2149 | 595 | | 18,0 | | 0.086 | |
| 16/ | M | 2 | 1192 | 495 | | 19,0 | | 0.039 | |
| 17/ | M | 2 | 1301 | 510 | | 20,0 | | 0.069 | |
| 18/ | F | 2 | 1163 | 480 | | 21,0 | | 0.019 | |
| 19/ | F | 2 | 1283 | 525 | | 19,0 | | 0.083 | |
| 20/ | F | 2 | 1052 | 470 | | 18,0 | | 0.043 | |
| 21/ | F | 2 | 1148 | 480 | | 19,0 | | 0.035 | |
| 22/ | F | 2 | 1305 | 495 | | 20,0 | | 0.034 | |
| 23/ | M | 1 | 617 | 400 | | 19,0 | | 0.021 | |
| 24/ | F | 2 | 1174 | 480 | | 20,0 | | 0.030 | |
| 25/ | M | 2 | 1120 | 460 | | 21,0 | | 0.023 | |
| Mean | | 2 | 1099 | 476 | | 19,3 | | 0,042 | |
| Minimum | | 1 | 617 | 400 | | 18,0 | | 0,016 | |
| Maximum | | 4 | 2149 | 595 | | 21,0 | | 0,099 | |
| St.Dev | | 1 | 301 | 44 | | 0,9 | | 0,023 | |
| Count | | 25 | 25 | 25 | | 25 | | 25 | |

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Comments

Station: Ullerø area Fish sampled 20-24oct.2005

sample no.

- 1 Part sample = 64,76g
- 2 Part sample = 50,86g
- 3 Part sample = 56,29g
- 4 Part sample = 54,98g
- 5 Age uncertain Part sample = 51,58g
- 6 Part sample = 55,51g
- 7 Part sample = 52,05g
- 8 Part sample = 53,79g
- 9 Part sample = 50,56g
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 53,16g
- 11 Part sample = 57,9g
- 12 Gills with *Lernaeocera* copepods Part sample = 65,67g
- 13 Gills with *Lernaeocera* copepods Part sample = 55,45g
- 14 Gills with *Lernaeocera* copepods Part sample = 64,31g
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample=54,08g
- 16 Part sample = 50,6g
- 17 Part sample = 53,87g
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 65,64g
- 19 Part sample = 65,87g
- 20 Part sample = 56,65g
- 21 Part sample = 57,8g
- 22 Part sample = 52,57g
- 23 Part sample = 53,26g
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 51,66g
- 25 Part sample = 51,0g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20051024** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | Calc | 341 | | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.05 | 0.05 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 751 | 419 | 0,3 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.10 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.11 | <0.1 | <0.2 | <0.05 | | |
| 27/ | X | 2 | 969 | 455 | 0,3 | <0.05 | <0.05 | 0.06 | <0.05 | 0.13 | 0.21 | 0.28 | <0.05 | <0.05 | 0.05 | <1 | <1 | 0.21 | <0.1 | <0.3 | <0.05 | | |
| 28/ | X | 2 | 1089 | 476 | 0,3 | <0.05 | <0.05 | 0.06 | <0.05 | 0.10 | 0.19 | 0.25 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.24 | <0.1 | <0.3 | <0.05 | | |
| 29/ | X | 2 | 1208 | 489 | 0,3 | <0.05 | <0.05 | 0.06 | <0.05 | 0.09 | 0.18 | 0.22 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.15 | <0.1 | <0.3 | <0.05 | | |
| 30/ | X | 2 | 1476 | 540 | 0,3 | <0.05 | <0.05 | 0.05 | <0.05 | 0.13 | 0.25 | 0.34 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.23 | <0.1 | <0.3 | <0.05 | | |
| Mean | | 2 | 1099 | 476 | 0,3 | <<0.1 | <<0.1 | <0.1 | <<0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.1 | <<0.3 | <<0.1 | | |
| Minimum | | 2 | 751 | 419 | 0,3 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 | | |
| Maximum | | 2 | 1476 | 540 | 0,4 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,3 | 0,3 | <0.1 | 0,1 | 0,1 | <1 | <1 | 0,2 | <0.1 | <0.3 | <0.1 | | |
| St.Dev | | 0 | 270 | 45 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.0 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.05 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngt | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 751 | 419 | <0.1 | 0.06 | <0.03 | <0.05 |
| 27/ | X | 2 | 969 | 455 | <0.1 | 0.06 | <0.03 | <0.05 |
| 28/ | X | 2 | 1089 | 476 | <0.1 | 0.06 | <0.03 | <0.05 |
| 29/ | X | 2 | 1208 | 489 | <0.1 | 0.06 | <0.03 | <0.05 |
| 30/ | X | 2 | 1476 | 540 | <0.1 | 0.06 | <0.03 | <0.05 |
| Mean | | 2 | 1099 | 476 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 2 | 751 | 419 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 2 | 1476 | 540 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 0 | 270 | 45 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Ullerø area Fish sampled 20-24oct.2005

sample no.

- 26 Bulk of NIVA no 23,5,7,2,9
- 27 Bulk of NIVA no 4,3,25,10,8 Skin with metacercariae of cf. Cryptocotyle lingua no10
- 28 Bulk of NIVA no 11,20,21,1,18 Skin with metacercariae of cf. Cryptocotyle lingua no 18
- 29 Bulk of NIVA no 24,6,13,16,22 Skin with metacercariae of cf. Cryptocotyle lingua no 24
Liver a/or intestinal guts with larvae of Anisakis simpl. 24 Gills with Lernaeocera copepods no13
- 30 Bulk of NIVA no 17,19,12,14,15 Gills with Lernaeocera copepods no12,14
Skin with metacercariae of cf. Cryptocotyle lingua no15

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20061205** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 1 | 643 | 385 | | 20,0 | | 0.034 |
| 2/1 | F | 1 | 438 | 330 | | 20,0 | | 0.027 |
| 3/1 | M | 1 | 646 | 360 | | 21,0 | | 0.011 |
| 4/1 | F | 1 | 406 | 325 | | 20,0 | | 0.022 |
| 5/1 | F | 2 | 920 | 435 | | 19,0 | | 0.045 |
| 6/1 | F | 2 | 1630 | 490 | | 20,0 | | 0.045 |
| 7/1 | F | 1 | 1216 | 455 | | 17,0 | | 0.036 |
| 8/1 | M | 2 | 1135 | 480 | | 20,0 | | 0.044 |
| 9/1 | M | 1 | 476 | 340 | | 20,0 | | 0.023 |
| 10/ | M | 1 | 808 | 385 | | 18,0 | | 0.030 |
| 11/ | F | 1 | 1181 | 465 | | 21,0 | | 0.032 |
| 12/ | M | 2 | 1231 | 465 | | 19,0 | | 0.056 |
| 13/ | F | 1 | 1079 | 430 | | 20,0 | | 0.012 |
| 14/ | M | 1 | 1213 | 445 | | 21,0 | | 0.034 |
| 15/ | M | 3 | 1326 | 475 | | 20,0 | | 0.027 |
| 16/ | M | 2 | 1580 | 520 | | 22,0 | | 0.017 |
| 17/ | F | 3 | 1662 | 550 | | 19,0 | | 0.057 |
| 18/ | F | 2 | 1716 | 505 | | 22,0 | | 0.024 |
| 19/ | M | 2 | 1327 | 490 | | 21,0 | | 0.035 |
| 20/ | M | 2 | 1725 | 535 | | 21,0 | | 0.039 |
| 21/ | F | 2 | 659 | 390 | | 21,0 | | 0.015 |
| 22/ | M | | 1284 | 480 | | 20,0 | | 0.035 |
| 23/ | M | 1 | 1420 | 485 | | 21,0 | | 0.037 |
| 24/ | M | 2 | 1288 | 510 | | 19,0 | | 0.073 |
| 25/ | M | 1 | 1063 | 430 | | 19,0 | | 0.030 |
| Mean | | 2 | 1123 | 446 | | 20,0 | | 0,034 |
| Minimum | | 1 | 406 | 325 | | 17,0 | | 0,011 |
| Maximum | | 3 | 1725 | 550 | | 22,0 | | 0,073 |
| St.Dev | | 1 | 406 | 64 | | 1,2 | | 0,015 |
| Count | | 24 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Ullerø area

sample no.

- 1 Part sample = 50,75g
- 2 Part sample = 53,26g
- 3 Part sample = 52,6g
- 4 Part sample = 50,33g
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,49g
- 6 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 59,66g
- 7 Part sample = 50,31g
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 55,34g
- 9 Signs of mechanical damage (e.g., net wounds) Part sample = 52,29g
- 10 Part sample = 51,23g
- 11 Part sample = 51,43g
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Part sample = 56,35g
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 53,74g
- 14 Part sample = 51,64g
- 15 age uncertain Part sample = 61,68g
- 16 Signs of mechanical damage (e.g., net wounds) Part sample = 52,68g
- 17 Part sample = 63,48g
- 18 Part sample = 53,06g
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 60,06g
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 51,44g
- 21 Part sample = 55,78g
- 22 Signs of mechanical damage (e.g., net wounds) Liver and/or intestinal guts with larvae of *Anisakis simplex*
Otoliths missed Part sample = 51,98g
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,95g
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample= 51,94g
- 25 Part sample = 51,00g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15B Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20061205** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | 341 | 341 | Calc | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTTP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 522 | 348 | 0,4 | <0.05 | <0.05 | <0.10 | <0.05 | 0.09 | 0.24 | 0.32 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.22 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 27/ | X | 1 | 906 | 414 | 0,4 | <0.05 | <0.05 | <0.10 | <0.05 | 0.06 | 0.15 | 0.24 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.18 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 28/ | X | 2 | 1233 | 461 | 0,4 | <0.05 | <0.05 | <0.10 | <0.05 | 0.06 | 0.13 | 0.16 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.17 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 29/ | X | 2 | 1359 | 485 | 0,4 | <0.05 | <0.05 | <0.10 | <0.05 | 0.06 | 0.14 | 0.20 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.17 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 30/ | X | 2 | 1594 | 524 | 0,3 | <0.05 | <0.05 | <0.10 | <0.05 | 0.16 | 0.32 | 0.44 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.28 | <0.2 | <0.1 | <0.1 | <0.5 | |
| Mean | | 2 | 1123 | 446 | 0,4 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,2 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.2 | <<0.1 | <<0.1 | <<0.4 | |
| Minimum | | 1 | 522 | 348 | 0,4 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.2 | <0.1 | <0.1 | <0.4 | |
| Maximum | | 2 | 1594 | 524 | 0,4 | <0.1 | <0.1 | <0.1 | <0.1 | 0,2 | 0,3 | 0,4 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.2 | <0.1 | <0.1 | <0.5 | |
| St.Dev | | 0 | 418 | 68 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.03 | 0.03 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 522 | 348 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| 27/ | X | 1 | 906 | 414 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 28/ | X | 2 | 1233 | 461 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 29/ | X | 2 | 1359 | 485 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 30/ | X | 2 | 1594 | 524 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| Mean | | 2 | 1123 | 446 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 1 | 522 | 348 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 2 | 1594 | 524 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 0 | 418 | 68 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Ullerø area

sample no.

- 26 Bulk part sample NIVA no 4,2,9,3,1 Signs of mechanical damage (e.g., net wounds) no9
Bulk part sample NIVA no 4,2,9,3,1
- 27 Bulk part sample NIVA no 10,21,25,13,5 Skin with metacercariae of cf. *Cryptocotyle lingua* no5,13
Bulk part sample NIVA no 10,21,25,13,5
- 28 Bulk part sample NIVA no 14,7,11,12,15 Skin with metacercariae of cf. *Cryptocotyle lingua* no12
Bulk part sample NIVA no 14,7,11,12,15
- 29 Bulk part sample NIVA no 8,22,6,23,19 Skin with metacercariae of cf. *Cryptocotyle lingua* no8,23,19
Signs of mechanical damage (e.g., net wounds) 22 Liver a/or intestinal guts w. larvae of *Anisakis simpl.* 22,6
Otoliths missed for fish no 22 Bulk part sample NIVA no 8,22,6,23,19
- 30 Bulk part sample NIVA no 18,24,16,20,17 Signs of mechanical damage (e.g., net wounds) no16
Skin with metacercariae of cf. *Cryptocotyle lingua* no 20,24 Liver a/or intestinal guts with larvae of *Anisakis simpl.* 20
Bulk part sample NIVA no 18,24,16,20,17

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørkjorden** Tissue: MUSCLE
 Locality : **53B Inner Sørkjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20021019** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght g | Lngr mm | weight g | Dry % | Fat % | NIVA |
|-------------|-----|------|--------|---------|----------|-------|-------|-------|
| rep F/M | | year | | | | | | 310 |
| | | | | | | | | 0.005 |
| | | | | | | | | HG |
| | | | | | | | | ppm |
| | | | | | | | | w.wt |
| 1/1 | M | 2 | 536 | 410 | 23,4 | 21,3 | | 0.24 |
| 2/1 | F | 2 | 694 | 420 | 18,0 | 20,0 | | 0.30 |
| 3/1 | F | 2 | 916 | 435 | 42,0 | 19,5 | | 0.94 |
| 4/1 | F | 1 | 275 | 320 | 19,6 | 18,3 | | 0.25 |
| 5/1 | M | 1 | 329 | 310 | 17,0 | 19,1 | | 0.28 |
| 6/1 | F | 4 | 1095 | 480 | 26,6 | 17,6 | | 1.13 |
| 7/1 | F | 2 | 700 | 410 | 29,2 | 19,8 | | 1.04 |
| 8/1 | M | 1 | 536 | 390 | 26,6 | 18,1 | | 0.45 |
| 9/1 | F | 1 | 360 | 330 | 22,2 | 18,5 | | 0.44 |
| 10/ | F | 2 | 358 | 390 | 18,6 | 15,1 | | 0.71 |
| 11/ | F | 1 | 228 | 300 | 15,4 | 20,9 | | 0.24 |
| 12/ | F | 3 | 900 | 470 | 28,4 | 19,6 | | 0.38 |
| 13/ | F | 1 | 513 | 360 | 25,8 | 19,1 | | 0.15 |
| 14/ | F | 1 | 502 | 380 | 23,0 | 19,2 | | 0.16 |
| 15/ | F | 1 | 459 | 350 | 23,4 | 19,5 | | 0.086 |
| 16/ | F | 1 | 384 | 360 | 18,0 | 18,4 | | 0.29 |
| 17/ | F | 2 | 796 | 440 | 30,6 | 18,8 | | 0.10 |
| 18/ | M | 4 | 1044 | 490 | 28,2 | 17,3 | | 0.37 |
| 19/ | F | 2 | 797 | 440 | 28,0 | 18,5 | | 0.18 |
| 20/ | F | 4 | 1058 | 510 | 30,0 | 20,4 | | 0.38 |
| 21/ | M | 2 | 679 | 410 | 23,8 | 18,3 | | 0.21 |
| 22/ | F | 5 | 2890 | 670 | 26,8 | 19,3 | | 0.58 |
| 23/ | F | 3 | 516 | 370 | 21,6 | 17,3 | | 0.15 |
| 24/ | M | 2 | 380 | 340 | 22,0 | 17,9 | | 0.12 |
| 25/ | M | 2 | 324 | 330 | 22,0 | 18,5 | | 0.15 |
| Mean | | 2 | 691 | 405 | 24,4 | 18,8 | | 0,373 |
| Minimum | | 1 | 228 | 300 | 15,4 | 15,1 | | 0,086 |
| Maximum | | 5 | 2890 | 670 | 42,0 | 21,3 | | 1,130 |
| St.Dev | | 1 | 526 | 80 | 5,7 | 1,3 | | 0,293 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Inner Sør fjord Fished between 16.-19.oct2002
Water temp. 5,2-8,8 C

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 7 Age uncertain
- 13 Skin with ulceration, lymphocytic areas and/or lesions
- 16 Age uncertain
- 17 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 20 Age uncertain
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 25 Age uncertain

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: MUSCLE
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20021019** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 26/ | X | 1 | 303 | 318 | 19,2 | 0,4 | <0.10 | <0.10 | 0.30 | 0.27 | 0.92 | 2.1 | 4.5 | 0.23 | 1.3 | <0.10 | <9 | <10 | 1.1 | <0.20 | <1.3 | <0.10 | | | |
| 27/ | X | 2 | 450 | 356 | 22,2 | 0,3 | <0.05 | 0.35 | 0.40 | 0.58 | 1.4 | 2.3 | 2.6 | 0.28 | 0.55 | <0.05 | <8 | <9 | 1.0 | <0.10 | <1.1 | <0.05 | | | |
| 28/ | X | 2 | 526 | 396 | 24,2 | 0,3 | 0.05 | 0.88 | 2.7 | 1.9 | 4.5 | 6.4 | 7.5 | 0.72 | 1.6 | <0.05 | 24 | <26 | 2.9 | 0.20 | 3.1 | <0.05 | | | |
| 29/ | X | 2 | 776 | 429 | 28,5 | 0,3 | 0.26 | 59 | 570 | 320 | 720 | 1000 | 820 | 100 | 73 | <0.05 | 3242 | <3662 | s4.5 | 0.83 | s5.3 | <0.05 | | | |
| 30/ | X | 4 | 1397 | 524 | 28,0 | 0,3 | <0.05 | 3.1 | 32 | 25 | 52 | 76 | 68 | 8.9 | 7.4 | <0.05 | <239 | <272 | 8.5 | 0.19 | 8.7 | <0.05 | | | |
| Mean | | 2 | 691 | 405 | 24,4 | 0,3 | <<0.1 | <12.7 | 121,1 | 69,6 | 155,8 | 217,4 | 180,5 | 22,0 | 16,8 | <<0.1 | <<704 | <<796 | 3,4 | <<0.3 | <<3.6 | <<0.1 | | | |
| Minimum | | 1 | 303 | 318 | 19,2 | 0,3 | <0.1 | <0.1 | 0,3 | 0,3 | 0,9 | 2,1 | 2,6 | 0,2 | 0,6 | <0.1 | <8 | <9 | 1,0 | <0.1 | <1.1 | <0.1 | | | |
| Maximum | | 4 | 1397 | 524 | 28,5 | 0,4 | 0,3 | 59,0 | 570,0 | 320,0 | 720,0 | 1000 | 820,0 | 100,0 | 73,0 | <0.1 | 3242 | <3662 | 8,5 | 0,8 | 8,7 | <0.1 | | | |
| St.Dev | | 1 | 431 | 79 | 3,9 | 0,0 | ~0.1 | ~25.9 | 251,3 | 140,4 | 316,2 | 438,6 | 358,5 | 43,7 | 31,6 | ~0.0 | ~1422 | ~1606 | 3,5 | ~0.3 | ~3.5 | ~0.0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

miss(1) ! Missing value s/q(2) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 1 | 303 | 318 | <0.1 | 0.07 | <0.05 | <0.05 | |
| 27/ | X | 2 | 450 | 356 | <0.1 | 0.05 | 0.03 | <0.03 | |
| 28/ | X | 2 | 526 | 396 | <0.1 | 0.05 | 0.03 | <0.03 | |
| 29/ | X | 2 | 776 | 429 | <0.1 | 0.05 | 0.03 | miss | |
| 30/ | X | 4 | 1397 | 524 | <0.1 | 0.06 | 0.03 | 0.04 | |
| Mean | | 2 | 691 | 405 | <<0.1 | 0,1 | <0.0 | <<0.0 | |
| Minimum | | 1 | 303 | 318 | <0.1 | 0,1 | 0,0 | <0.0 | |
| Maximum | | 4 | 1397 | 524 | <0.1 | 0,1 | <0.1 | <0.1 | |
| St.Dev | | 1 | 431 | 79 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 4 | |

miss(1) ! Missing value s/q(2) ! Suspect value

Comments

Station: Inner Sør fjord Fished between 16.-19.oct2002
 Water temp. 5,2-8,8 C

sample no.

- 26 Bulk of NIVA no 11,5,4,9,25
- 27 Bulk of NIVA no 24,15,13,16,23 Skin with ulceration, lymphocytic areas and/or lesions no 13
- 28 Bulk of NIVA no 14,8,10,1,7 Skin with metacercariae of cf. Cryptocotyle lingua, nol
- 29 Bulk of NIVA no 21,2,3,17,19 Skin with metacercariae of cf. Cryptocotyle lingua no2,17,19
- 30 Bulk of NIVA no 12,6,18,20,22 Skin with metacercariae of cf. Cryptocotyle lingua nol8

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: MUSCLE
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20030930** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 3 | 1974 | 600 | 73,4 | 20,7 | | 0.216 |
| 2/1 | F | 3 | 923 | 475 | 58,6 | 18,7 | | 0.273 |
| 3/1 | F | 3 | 2058 | 600 | 62,4 | 19,7 | | 0.203 |
| 4/1 | F | 3 | 1390 | 525 | 54,8 | 19,7 | | 0.360 |
| 5/1 | F | 3 | 935 | 480 | 50,8 | 18,5 | | 0.180 |
| 6/1 | F | 2 | 455 | 360 | 51,4 | 18,9 | | 0.097 |
| 7/1 | M | 2 | 545 | 400 | 50,8 | 18,6 | | 0.085 |
| 8/1 | F | 2 | 527 | 380 | 50,2 | 18,5 | | 0.146 |
| 9/1 | F | 2 | 466 | 370 | 51,0 | 18,7 | | 0.104 |
| 10/ | M | 2 | 417 | 375 | 46,0 | 16,1 | | 0.166 |
| 11/ | M | 3 | 667 | 410 | 53,2 | 18,8 | | 0.171 |
| 12/ | M | 2 | 428 | 365 | 52,2 | 18,5 | | 0.114 |
| 13/ | F | 2 | 386 | 350 | 50,0 | 18,8 | | 0.090 |
| 14/ | M | 2 | 239 | 305 | 26,8 | 18,5 | | 0.355 |
| 15/ | F | 2 | 438 | 375 | 40,4 | 19,0 | | 0.107 |
| 16/ | F | 2 | 383 | 350 | 37,3 | 17,8 | | 0.094 |
| 17/ | M | 2 | 328 | 330 | 34,0 | 18,3 | | 0.223 |
| 18/ | F | 2 | 302 | 325 | 34,2 | 18,3 | | 0.093 |
| 19/ | F | 2 | 320 | 315 | 40,4 | 17,6 | | 0.078 |
| 20/ | M | 1 | 380 | 345 | 45,5 | 18,2 | | 0.060 |
| 21/ | F | 1 | 206 | 275 | 29,0 | 18,8 | | 0.057 |
| 22/ | F | 2 | 315 | 320 | 38,1 | 17,7 | | 0.183 |
| 23/ | F | 1 | 178 | 280 | 20,1 | 18,1 | | 0.093 |
| 24/ | F | 2 | 254 | 310 | 29,0 | 17,7 | | 0.144 |
| 25/ | F | 1 | 249 | 305 | 27,4 | 18,4 | | 0.103 |
| Mean | | 2 | 591 | 381 | 44,3 | 18,5 | | 0,152 |
| Minimum | | 1 | 178 | 275 | 20,1 | 16,1 | | 0,057 |
| Maximum | | 3 | 2058 | 600 | 73,4 | 20,7 | | 0,360 |
| St.Dev | | 1 | 507 | 90 | 12,7 | 0,8 | | 0,083 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Inner Sørfjord

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
- 2 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 3 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Bacterial fin rot
- 10 Skin with ulceration, lymphocytic areas and/or lesions
- 11 Age uncertain
- 13 Age uncertain
- 14 Age uncertain @41 Skin with ulceration, lymphocytic areas and/or lesions
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 19 Age uncertain Signs of mechanical damage (e.g., net wounds)
- 20 Age uncertain
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 23 Age uncertain

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: MUSCLE
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20030930** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | | | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 1 | 225 | 295 | 26,5 | | 0,3 | <0.05 | <0.05 | 0.20 | 0.32 | 0.77 | 1.4 | 1.9 | 0.21 | 0.52 | <0.05 | <5 | <5 | 2.4 | 0.22 | 2.6 | <0.05 | | | | |
| 27/ | X | 2 | 329 | 327 | 38,4 | | 0,2 | <0.05 | <0.05 | 0.17 | 0.37 | 0.94 | 1.8 | 2.7 | 0.27 | 0.76 | <0.05 | <6 | <7 | 2.5 | 0.24 | 2.7 | <0.05 | | | | |
| 28/ | X | 2 | 424 | 359 | 48,4 | | 0,1 | <0.05 | <0.05 | 0.13 | 0.19 | 0.41 | 0.74 | 1.0 | 0.12 | 0.29 | <0.05 | <3 | <3 | 1.3 | 0.13 | 1.4 | <0.05 | | | | |
| 29/ | X | 2 | 519 | 388 | 48,1 | | 0,2 | <0.05 | <0.05 | 0.18 | 0.28 | 0.72 | 1.3 | 1.9 | 0.19 | 0.47 | <0.05 | <5 | <5 | 2.5 | 0.27 | 2.8 | <0.05 | | | | |
| 30/ | F | 3 | 1456 | 536 | 60,0 | | 0,2 | <0.05 | <0.05 | 0.21 | 0.37 | 0.86 | 1.7 | 2.1 | 0.23 | 0.49 | <0.05 | <5 | <6 | 1.6 | 0.14 | 1.7 | <0.05 | | | | |
| Mean | | 2 | 591 | 381 | 44,3 | | 0,2 | <<0.1 | <<0.1 | 0,2 | 0,3 | 0,7 | 1,4 | 1,9 | 0,2 | 0,5 | <<0.1 | <<5 | <<5 | 2,1 | 0,2 | 2,2 | <<0.1 | | | | |
| Minimum | | 1 | 225 | 295 | 26,5 | | 0,1 | <0.1 | <0.1 | 0,1 | 0,2 | 0,4 | 0,7 | 1,0 | 0,1 | 0,3 | <0.1 | <3 | <3 | 1,3 | 0,1 | 1,4 | <0.1 | | | | |
| Maximum | | 3 | 1456 | 536 | 60,0 | | 0,3 | <0.1 | <0.1 | 0,2 | 0,4 | 0,9 | 1,8 | 2,7 | 0,3 | 0,8 | <0.1 | <6 | <7 | 2,5 | 0,3 | 2,8 | <0.1 | | | | |
| St.Dev | | 1 | 496 | 93 | 12,6 | | 0,1 | ~0.0 | ~0.0 | 0,0 | 0,1 | 0,2 | 0,4 | 0,6 | 0,1 | 0,2 | ~0.0 | ~1 | ~1 | 0,6 | 0,1 | 0,6 | ~0.0 | | | | |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | 341 | | 341 | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 225 | 295 | <0.1 | 0.08 | <0.03 | <0.03 |
| 27/ | X | 2 | 329 | 327 | <0.1 | 0.06 | <0.03 | <0.03 |
| 28/ | X | 2 | 424 | 359 | <0.1 | 0.07 | <0.03 | <0.03 |
| 29/ | X | 2 | 519 | 388 | <0.1 | 0.08 | <0.03 | <0.03 |
| 30/ | F | 3 | 1456 | 536 | <0.1 | 0.09 | <0.03 | <0.03 |
| Mean | | 2 | 591 | 381 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 1 | 225 | 295 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 3 | 1456 | 536 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 496 | 93 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Inner Sør fjord

sample no.

- 26 Bulk of NIVA no 21,23,25,14,24
- 27 Bulk of NIVA no 19,22,18,17,20 Skin with metacercariae of cf. Cryptocotyle lingua 22,17
Signs of mechanical damage (e.g., net wounds) no 19
- 28 Bulk of NIVA no 13,16,6,12,9 Skin with metacercariae of cf. Cryptocotyle lingua ,no 6
- 29 Bulk of NIVA no 10,15,8,7,11 Skin with metacercariae of cf. Cryptocotyle lingua no8
Bacterial fin rot no8 Skin with ulceration, lymphocytic areas and/or lesions 10
- 30 Bulk of NIVA no 2,5,4,1,3

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørkjorden** Tissue: MUSCLE
 Locality : **53B Inner Sørkjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20040922** Count: 25 Sample type: **Individual**

| Sam- rep no. | Sex F/M | Age year | Wght g | Lngr mm | weight g | Dry % | Fat % | NIVA HG ppm w.wt |
|--------------------|------------|-------------|-----------|------------|-------------|----------|----------|---------------------------|
| 1/1 | M | 2 | 513 | 385 | 60,5 | 19,2 | | 310 |
| 2/1 | M | 2 | 781 | 440 | 54,3 | 19,3 | | 0.005 |
| 3/1 | M | 1 | 490 | 375 | 65,0 | 19,4 | | |
| 4/1 | F | 2 | 805 | 440 | 51,8 | 19,3 | | |
| 5/1 | M | 2 | 776 | 442 | 56,8 | 18,5 | | |
| 6/1 | M | 2 | 517 | 387 | 56,6 | 19,3 | | |
| 7/1 | F | 3 | 604 | 410 | 67,2 | 19,3 | | |
| 8/1 | F | 3 | 560 | 393 | 60,8 | 19,1 | | |
| 9/1 | M | 3 | 504 | 370 | 54,5 | 18,5 | | |
| 10/ | M | 3 | 483 | 371 | 49,1 | 19,8 | | |
| 11/ | M | 4 | 1025 | 470 | 73,8 | 20,0 | | |
| 12/ | M | 3 | 675 | 415 | 55,3 | 19,2 | | |
| 13/ | F | 3 | 833 | 430 | 57,4 | 19,9 | | |
| 14/ | M | 3 | 519 | 385 | 53,6 | 19,9 | | |
| 15/ | F | 3 | 641 | 410 | 53,7 | 18,1 | | |
| 16/ | F | 3 | 592 | 393 | 53,9 | 18,1 | | |
| 17/ | M | 3 | 382 | 365 | 50,6 | 18,5 | | |
| 18/ | F | 3 | 660 | 428 | 52,7 | 18,9 | | |
| 19/ | F | 3 | 549 | 400 | 50,4 | 18,9 | | |
| 20/ | F | 3 | 489 | 375 | 49,1 | 19,6 | | |
| 21/ | F | 3 | 380 | 350 | 57,2 | 19,0 | | |
| 22/ | M | 2 | 353 | 330 | 63,0 | 18,9 | | |
| 23/ | F | 3 | 636 | 410 | 62,0 | 18,9 | | |
| 24/ | F | 3 | 752 | 450 | 52,3 | 18,9 | | |
| 25/ | F | 3 | 495 | 400 | 53,4 | 18,2 | | |
| Mean | | 3 | 601 | 401 | 56,6 | 19,1 | | 0,191 |
| Minimum | | 1 | 353 | 330 | 49,1 | 18,1 | | 0,100 |
| Maximum | | 4 | 1025 | 470 | 73,8 | 20,0 | | 0,343 |
| St.Dev | | 1 | 160 | 33 | 6,0 | 0,5 | | 0,062 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Inner Sør fjord Fished 20-22.sept.2004

sample no.

- 1 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 6 Age uncertain
- 8 Liver with necrotic areas and/or discolouration
- 11 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 13 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 14 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 20 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 21 Age uncertain
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 24 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua*

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørffjorden** Tissue: MUSCLE
 Locality : **53B Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20040922** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 26/ | X | 3 | 420 | 357 | 54,9 | 18,9 | 0,3 | <0.05 | <0.05 | 0.24 | 0.20 | 0.49 | 0.93 | 1.2 | 0.08 | 0.31 | <0.05 | <3 | <4 | 2.5 | 0.14 | 2.6 | <0.05 | | |
| 27/ | X | 2 | 506 | 381 | 57,0 | 19,4 | 0,3 | <0.05 | <0.05 | 0.22 | 0.36 | 0.75 | 1.1 | 1.4 | 0.11 | 0.31 | <0.05 | <4 | <4 | 1.9 | 0.08 | 2.0 | <0.05 | | |
| 28/ | F | 3 | 567 | 399 | 54,4 | 18,7 | 0,3 | <0.05 | s0.09 | 0.66 | 0.59 | 1.3 | 2.1 | 2.6 | 0.20 | 0.48 | <0.05 | s<7 | s<8 | 1.6 | <0.07 | <1.7 | <0.05 | | |
| 29/ | X | 3 | 682 | 419 | 58,9 | 19,2 | 0,2 | <0.05 | <0.05 | 0.14 | 0.11 | 0.27 | 0.49 | 0.62 | <0.05 | 0.14 | <0.05 | <2 | <2 | 1.4 | 0.07 | 1.5 | <0.05 | | |
| 30/ | X | 3 | 828 | 448 | 57,8 | 19,2 | 0,3 | <0.05 | <0.05 | 0.19 | 0.22 | 0.50 | 0.89 | 1.1 | 0.07 | 0.24 | <0.05 | <3 | <3 | 2.4 | 0.10 | 2.5 | <0.05 | | |
| Mean | | 3 | 601 | 401 | 56,6 | 19,1 | 0,3 | <<0.1 | <<0.1 | 0,3 | 0,3 | 0,7 | 1,1 | 1,4 | <0.1 | 0,3 | <<0.1 | <<3 | <<3 | 2,0 | <0.1 | <2.1 | <<0.1 | | |
| Minimum | | 2 | 420 | 357 | 54,4 | 18,7 | 0,2 | <0.1 | <0.1 | 0,1 | 0,1 | 0,3 | 0,5 | 0,6 | <0.1 | 0,1 | <0.1 | <2 | <2 | 1,4 | <0.1 | 1,5 | <0.1 | | |
| Maximum | | 3 | 828 | 448 | 58,9 | 19,4 | 0,3 | <0.1 | <0.1 | 0,7 | 0,6 | 1,3 | 2,1 | 2,6 | 0,2 | 0,5 | <0.1 | <4 | <4 | 2,5 | 0,1 | 2,6 | <0.1 | | |
| St.Dev | | 0 | 159 | 35 | 1,9 | 0,3 | 0,0 | ~0.0 | ~0.0 | 0,2 | 0,2 | 0,4 | 0,6 | 0,7 | ~0.1 | 0,1 | ~0.0 | ~1 | ~1 | 0,5 | ~0.0 | ~0.5 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | | |

s/q(3) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | | 341 | | |
| Detection limit => | | | | 0.05 | | 0.05 | | |
| Sam | Sex | Age | Wght | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 3 | 420 | 357 | <0.1 | 0.04 | <0.03 | <0.05 |
| 27/ | X | 2 | 506 | 381 | <0.1 | 0.03 | <0.03 | <0.05 |
| 28/ | F | 3 | 567 | 399 | <0.1 | 0.03 | <0.03 | <0.05 |
| 29/ | X | 3 | 682 | 419 | <0.1 | 0.03 | <0.03 | <0.05 |
| 30/ | X | 3 | 828 | 448 | <0.1 | 0.04 | <0.03 | <0.05 |
| Mean | | 3 | 601 | 401 | <<0.1 | 0,0 | <<0.0 | <<0.1 |
| Minimum | | 2 | 420 | 357 | <0.1 | 0,0 | <0.0 | <0.1 |
| Maximum | | 3 | 828 | 448 | <0.1 | 0,0 | <0.0 | <0.1 |
| St.Dev | | 0 | 159 | 35 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

s/q(3) ! Suspect value

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Comments

Station: Inner Sør fjord Fished 20-22.sept.2004

sample no.

- 26 Bulk of NIVA no 22,21,17,9,10 Skin with metacercariae of cf. Cryptocotyle lingua no17
- 27 Bulk of NIVA no 3,20,14,1,6 Skin with metacercariae of cf. Cryptocotyle lingua
no 3,20,14,1
- 28 Bulk of NIVA no 16,8,25,19,15 Skin with metacercariae of cf. Cryptocotyle lingua
no 16,25,19, Liver with necrotic areas and/or discolouration no 8
- 29 Bulk of NIVA no 7,23,12,18,13 Skin with metacercariae of cf. Cryptocotyle lingua
no 23,12,13,18
- 30 Bulk of NIVA no 2,4,5,24,11 Skin with metacercariae of cf. Cryptocotyle lingua
no 2,4,11,24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: MUSCLE
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20051024** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 3 | 938 | 468 | | 20,0 | | 0.180 |
| 2/1 | F | 5 | 1024 | 475 | | 17,0 | | 0.384 |
| 3/1 | M | 4 | 1240 | 510 | | 19,0 | | 0.366 |
| 4/1 | F | 5 | 1886 | 570 | | 18,0 | | 0.289 |
| 5/1 | M | 3 | 3241 | 635 | | 20,0 | | 0.322 |
| 6/1 | M | 2 | 806 | 466 | | 19,0 | | 0.191 |
| 7/1 | M | 4 | 966 | 488 | | 18,0 | | 0.341 |
| 8/1 | F | 1 | 293 | 333 | | 18,0 | | 0.121 |
| 9/1 | F | 2 | 443 | 378 | | 18,0 | | 0.154 |
| 10/ | F | 2 | 438 | 374 | | 18,0 | | 0.127 |
| 11/ | M | 2 | 346 | 331 | | 18,0 | | 0.122 |
| 12/ | M | 2 | 350 | 340 | | 19,0 | | 0.117 |
| 13/ | F | 3 | 260 | 298 | | 19,0 | | 0.058 |
| 14/ | M | 3 | 260 | 320 | | 19,0 | | 0.149 |
| 15/ | F | 3 | 209 | 290 | | 17,0 | | 0.155 |
| 16/ | F | 2 | 215 | 295 | | 19,0 | | 0.111 |
| 17/ | F | 3 | 292 | 321 | | 20,0 | | 0.151 |
| 18/ | M | 3 | 189 | 289 | | 19,0 | | 0.137 |
| 19/ | F | 2 | 184 | 275 | | 20,0 | | 0.262 |
| 20/ | M | 5 | 1761 | 585 | | 18,0 | | 0.299 |
| 21/ | F | 3 | 1525 | 558 | | 19,0 | | 0.278 |
| 22/ | M | 5 | 2385 | 644 | | 18,0 | | 0.176 |
| 23/ | F | 4 | 1463 | 535 | | 18,0 | | 0.196 |
| 24/ | F | 4 | 1692 | 575 | | 19,0 | | 0.176 |
| 25/ | M | 6 | 1856 | 630 | | 18,0 | | 0.361 |
| Mean | | 3 | 970 | 439 | | 18,6 | | 0,209 |
| Minimum | | 1 | 184 | 275 | | 17,0 | | 0,058 |
| Maximum | | 6 | 3241 | 644 | | 20,0 | | 0,384 |
| St.Dev | | 1 | 822 | 127 | | 0,9 | | 0,095 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Inner Sørfjord

sample no.

| | | | |
|----|----------------------------|----------------------------|----------------------|
| 1 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 50,74g |
| | Extra part sample = 50,55g | | |
| 2 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 50,03g |
| | Extra part sample = 51,79g | | |
| 3 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 50,66g |
| | Extra part sample = 53,60g | | |
| 4 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 52,16g |
| | Extra part sample = 52,66g | | |
| 5 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 51,85g |
| | Extra part sample = 52,78g | | |
| 6 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 50,94g |
| | Extra part sample = 50,74g | | |
| 7 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 54,27g |
| | Extra part sample = 50,04g | | |
| 8 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 25,91g |
| | Extra part sample = 26,79g | | |
| 9 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 25,96g |
| | Extra part sample = 25,52g | | |
| 10 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 20,16g |
| | Extra part sample = 20,15g | | |
| 11 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 30,4g |
| | Extra part sample = 25,51g | | |
| 12 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 25,94g |
| | Extra part sample = 25,59g | | |
| 13 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 25,02g |
| | Extra part sample = 25,85g | | |
| 14 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 25,37g |
| | Extra part sample = 18,35g | | |
| 15 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 19,04g |
| | Extra part sample = 17,07g | | |
| 16 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 16,53g |
| | Extra part sample = 16,02g | | |
| 17 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 21,30g |
| | Extra part sample = 22,19g | | |
| 18 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 15,05g |
| | Extra part sample = 15,10g | | |
| 19 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 15,28g |
| | Extra part sample = 11,94g | | |
| 20 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 53,54g |
| | Extra part sample = 52,06g | | |
| 21 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 52,46g |
| | Extra part sample = 53,10g | | |
| 22 | Part sample = 52,06g | Extra part sample = 53,97g | |
| 23 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 51,8g |
| | Extra part sample = 51,63g | | |
| 24 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 53,11g |
| | Extra part sample = 57,20g | | |
| 25 | Skin with metacercariae of | cf. Cryptocotyle lingua | Part sample = 51,14g |
| | Extra part sample = 53,77g | | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: MUSCLE
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20051024** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Analysis code => | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | |
| Detection limit => | | Mean | | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 26/ | X | 3 | 211 | 289 | 0,3 | <0.05 | <0.05 | 0.1 | 0.1 | 0.27 | 0.71 | 1.4 | 0.07 | 0.37 | <0.05 | <3 | <3 | 4.2 | 0.92 | 0.19 | 5.3 | | | | |
| 27/ | X | 2 | 308 | 329 | 0,3 | 0.06 | 0.07 | 0.13 | 0.30 | 0.53 | 0.38 | 0.49 | <0.05 | 0.10 | <0.05 | 2 | <2 | 0.07 | <0.2 | <0.1 | <0.3 | | | | |
| 28/ | X | 3 | 730 | 432 | 0,2 | <0.05 | <0.05 | 0.14 | 0.15 | 0.35 | 0.75 | 1.1 | 0.07 | 0.20 | <0.05 | <3 | <3 | 5.5 | 0.79 | 0.19 | 6.5 | | | | |
| 29/ | X | 4 | 1416 | 532 | 0,3 | <0.05 | <0.05 | 0.11 | 0.13 | 0.30 | 0.65 | 0.91 | 0.06 | 0.18 | <0.05 | <2 | <2 | 5.2 | 0.83 | 0.22 | 6.3 | | | | |
| 30/ | X | 5 | 2187 | 614 | 0,2 | <0.05 | <0.05 | 0.14 | 0.11 | 0.26 | 0.51 | 0.69 | <0.05 | 0.10 | <0.05 | <2 | <2 | 3.4 | 0.30 | 0.10 | 3.8 | | | | |
| Mean | | 3 | 970 | 439 | 0,2 | <<0.1 | <<0.1 | 0,1 | 0,2 | 0,3 | 0,6 | 0,9 | <<0.1 | 0,2 | <<0.1 | <<2 | <<2 | 3,7 | <0.6 | <0.2 | <4.4 | | | | |
| Minimum | | 2 | 211 | 289 | 0,2 | <0.1 | <0.1 | 0,1 | 0,1 | 0,3 | 0,4 | 0,5 | <0.1 | 0,1 | <0.1 | <2 | <2 | 0,1 | <0.2 | <0.1 | <0.3 | | | | |
| Maximum | | 5 | 2187 | 614 | 0,3 | 0,1 | 0,1 | 0,1 | 0,3 | 0,5 | 0,8 | 1,4 | 0,1 | 0,4 | <0.1 | <3 | <3 | 5,5 | 0,9 | 0,2 | 6,5 | | | | |
| St.Dev | | 1 | 829 | 136 | 0,0 | ~0.0 | ~0.0 | 0,0 | 0,1 | 0,1 | 0,2 | 0,4 | ~0.0 | 0,1 | ~0.0 | ~1 | ~1 | 2,2 | ~0.3 | ~0.1 | ~2.5 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

| Analytical lab. => | | NIVA | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | 341 | | 341 | | 341 | | | |
| Detection limit => | | 0.05 | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 211 | 289 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 27/ | X | 2 | 308 | 329 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 |
| 28/ | X | 3 | 730 | 432 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 |
| 29/ | X | 4 | 1416 | 532 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 |
| 30/ | X | 5 | 2187 | 614 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| Mean | | 3 | 970 | 439 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.1 |
| Minimum | | 2 | 211 | 289 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| Maximum | | 5 | 2187 | 614 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 1 | 829 | 136 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments
 Station: Inner Sør fjord

sample no.
 26 Bulk of NIVA no 19,18,15,16,13 Skin with metacercariae of cf. Cryptocotyle lingua
 27 Bulk of NIVA no 14,17,11,8,12 Skin with metacercariae of cf. Cryptocotyle lingua
 28 Bulk of NIVA no 10,9,6,1,2 Skin with metacercariae of cf. Cryptocotyle lingua
 29 Bulk of NIVA no 7,3,23,21,4 Skin with metacercariae of cf. Cryptocotyle lingua
 30 Bulk of NIVA no 24,20,25,5,22 Skin with metacercariae of cf. Cryptocotyle lingua
 no 24,20,25,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sør fjorden** Tissue: MUSCLE
 Locality : **53B Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20061010** Count: 99 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | |
|-----------------------|-----|------|----------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | |
| Detection limit => | | | | Mean | | | |
| Sam:Sex Age Wght Lngt | | | | weight | Dry | Fat | HG |
| rep | F/M | year | g mm | g | % | % | ppm |
| no. | | | | w.wt | | | |
| 1/1 | F | 2 | 684 405 | | 19,5 | | 0.105 |
| 2/1 | F | 3 | 1275 518 | | 25,6 | | 0.181 |
| 3/1 | F | 3 | 748 440 | | 18,2 | | 0.246 |
| 4/1 | M | 5 | 903 477 | | 17,5 | | 0.622 |
| 5/1 | M | 4 | 1335 546 | | 18,4 | | 0.195 |
| 6/1 | M | 2 | 642 403 | | 18,9 | | 0.080 |
| 7/1 | F | 2 | 855 452 | | 19,3 | | 0.192 |
| 8/1 | F | 2 | 733 423 | | 18,8 | | 0.129 |
| 9/1 | F | 2 | 591 392 | | 19,6 | | 0.108 |
| 10/ | M | 3 | 1046 487 | | 19,4 | | 0.196 |
| 11/ | M | 2 | 796 399 | | 19,5 | | 0.143 |
| 12/ | F | 2 | 820 436 | | 20,2 | | 0.091 |
| 13/ | M | 2 | 1349 531 | | 18,8 | | 0.244 |
| 14/ | M | 4 | 803 418 | | 19,5 | | 0.362 |
| 15/ | F | 2 | 719 417 | | 19,1 | | 0.174 |
| 16/ | M | 4 | 1087 500 | | 18,5 | | 0.627 |
| 17/ | M | 3 | 710 421 | | 20,2 | | 0.088 |
| 18/ | M | 2 | 602 398 | | 20,2 | | 0.124 |
| 19/ | F | 2 | 415 378 | | 19,1 | | 0.114 |
| 20/ | M | 2 | 537 377 | | 19,6 | | 0.052 |
| 21/ | F | 2 | 584 397 | | 19,6 | | 0.101 |
| 22/ | F | 3 | 419 351 | | 19,9 | | 0.602 |
| 23/ | M | 2 | 626 392 | | 19,6 | | 0.094 |
| 24/ | M | 2 | 510 382 | | 20,2 | | 0.066 |
| 25/ | F | 2 | 511 375 | | 19,2 | | 0.100 |
| Mean | | 3 | 772 429 | | 19,5 | | 0,201 |
| Minimum | | 2 | 415 351 | | 17,5 | | 0,052 |
| Maximum | | 5 | 1349 546 | | 25,6 | | 0,627 |
| St.Dev | | 1 | 266 53 | | 1,4 | | 0,171 |
| Count | | 25 | 25 25 | | 25 | | 25 |

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Comments

Station: Inner Sørfjord

sample no.

- 1 Part sample = 100,0g Ekstra sample; 50g from part sample
- 2 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Part sample = 101,2g Ekstra sample; 50g from part sample
- 3 Age uncertain Part sample = 100,2g
Ekstra sample; 50g from part sample
- 4 Liver with necrotic areas and/or discolouration Age uncertain
Part sample = 102,0g Ekstra sample; 50g from part sample
- 5 Age unceratin Part sample = 107,4g
Ekstra sample; 50g from part sample
- 6 Part sample = 100,2g Ekstra sample; 50g from part sample
- 7 Part sample = 106,0g Ekstra sample; 50g from part sample
- 8 Part sample = 109,0g Ekstra sample; 50g from part sample
- 9 Part sample = 100,4g Ekstra sample; 50g from part sample
- 10 Age uncertain Part sample = 115,0g
Ekstra sample; 50g from part sample
- 11 Age uncertain Part sample = 105,2g
Ekstra sample; 50g from part sample
- 12 Part sample = 102,6g Ekstra sample; 50g from part sample
- 13 Part sample = 103,0g Ekstra sample; 50g from part sample
- 14 Part sample = 102,8g Ekstra sample; 50g from part sample
- 15 Part sample = 104,2g Ekstra sample; 50g from part sample
- 16 Liver with necrotic areas and/or discolouration Age uncertain
Liver colour: grey Ekstra sample; 50g from part sample
- 17 Age uncertain Part sample = 102,8g
Ekstra sample; 50g from part sample
- 18 Age uncertain Part sample = 101,0g
Ekstra sample; 50g from part sample
- 19 Part sample = 100,0g Ekstra sample; 50g from part sample
- 20 Part sample = 101,2g
- 21 Part sample = 100,8g Ekstra sample; 50g from part sample
- 22 Part sample = 82,4g Ekstra sample; 50g from part sample
- 23 Part sample = 102,6g Ekstra sample; 50g from part sample
- 24 Age uncertain Part sample = 101,2g
Ekstra sample; 50g from part sample
- 25 Part sample = 100,0g Ekstra sample; 50g from part sample

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J63 Sørffjorden** Tissue: MUSCLE
 Locality : **53B Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20061010** Count: 99 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 478 | 373 | 0,4 | <0.05 | <0.07 | 0.08 | 0.06 | 0.13 | 0.28 | 0.44 | <0.05 | 0.13 | <0.05 | <1 | <1 | 0.42 | <0.2 | <0.1 | <0.6 | | |
| 27/ | X | 2 | 640 | 396 | 0,3 | <0.05 | <0.07 | 0.05 | 0.06 | 0.10 | 0.20 | 0.25 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.58 | <0.2 | <0.1 | <0.8 | | |
| 28/ | X | 3 | 712 | 413 | 0,3 | <0.05 | <0.07 | 0.07 | 0.05 | 0.11 | 0.21 | 0.31 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.63 | <0.2 | <0.1 | <0.8 | | |
| 29/ | X | 3 | 812 | 446 | 0,4 | <0.05 | <0.07 | 0.09 | 0.07 | 0.16 | 0.36 | 0.52 | <0.05 | 0.13 | <0.05 | <1 | <1 | 0.84 | <0.2 | 0.12 | <1.2 | | |
| 30/ | X | 3 | 1218 | 516 | 0,3 | <0.05 | <0.05 | 0.14 | 0.13 | 0.31 | 0.61 | 0.88 | 0.06 | 0.21 | <0.05 | <2 | <2 | 2.0 | 0.49 | 0.18 | 2.7 | | |
| Mean | | 3 | 772 | 429 | 0,3 | <<0.1 | <<0.1 | 0,1 | 0,1 | 0,2 | 0,3 | 0,5 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,9 | <<0.3 | <<0.1 | <<1.2 | | |
| Minimum | | 2 | 478 | 373 | 0,3 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | <0.2 | <0.1 | <0.6 | | |
| Maximum | | 3 | 1218 | 516 | 0,4 | <0.1 | <0.1 | 0,1 | 0,1 | 0,3 | 0,6 | 0,9 | 0,1 | 0,2 | <0.1 | <2 | <2 | 2,0 | 0,5 | 0,2 | 2,7 | | |
| St.Dev | | 0 | 278 | 56 | 0,0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,1 | 0,2 | 0,2 | ~0.0 | 0,1 | ~0.0 | ~0 | ~0 | 0,6 | ~0.1 | ~0.0 | ~0.9 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.03 | 0.03 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 478 | 373 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 27/ | X | 2 | 640 | 396 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 28/ | X | 3 | 712 | 413 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 29/ | X | 3 | 812 | 446 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 30/ | X | 3 | 1218 | 516 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| Mean | | 3 | 772 | 429 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.1 |
| Minimum | | 2 | 478 | 373 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 |
| Maximum | | 3 | 1218 | 516 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 |
| St.Dev | | 0 | 278 | 56 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Inner Sørfjord

sample no.

- 26 Bulk NIVA no 22,25,20,19,24 Age uncertain no 24
Bulk part sample NIVA no 22,25,20,19,24
- 27 Bulk NIVA no 9,23,21,18,11 Age uncertain no 11,18
Bulk part sample NIVA no 9,23,21,18,11
- 28 Bulk NIVA no 6,1,15,14,17 Age uncertain no 17
Bulk part sample NIVA no 6,1,15,14,17
- 29 Bulk NIVA no 8,12,3,7,4 Age uncertain no 3,4
Bulk part sample NIVA no 8,12,3,7,4,
- 30 Bulk of NIVA no 10,2,13,16,5 Age uncerian no 5,16,10
Bulk part sample NIVA no 10,2,13,16,5

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20030110** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght year | Lngr mm | weight g | Dry % | Fat % | NIVA |
|-------------|-----|-----|-----------|---------|--------------------|-------|-------|-------|
| | | | | | Mean | | | 310 |
| | | | | | Detection limit => | | | 0.005 |
| | | | | | | | | HG |
| | | | | | | | | ppm |
| | | | | | | | | w.wt |
| 1/1 | F | 1 | 474 | 380 | 52,0 | 19,5 | | 0.042 |
| 2/1 | F | 1 | 608 | 380 | 51,9 | 18,6 | | 0.051 |
| 3/1 | M | 1 | 500 | 370 | 53,2 | 19,1 | | 0.032 |
| 4/1 | M | 2 | 1017 | 480 | 54,2 | 19,5 | | 0.073 |
| 5/1 | M | 1 | 1133 | 480 | 53,9 | 19,0 | | 0.058 |
| 6/1 | M | 1 | 500 | 370 | 53,3 | 18,5 | | 0.058 |
| 7/1 | F | 1 | 571 | 370 | 51,5 | 19,4 | | 0.041 |
| 8/1 | F | 2 | 1030 | 450 | 50,8 | 17,5 | | 0.055 |
| 9/1 | F | 2 | 1268 | 510 | 52,6 | 19,8 | | 0.064 |
| 10/ | F | 2 | 1768 | 550 | 54,0 | 18,9 | | 0.11 |
| 11/ | M | 2 | 1216 | 520 | 54,4 | 19,4 | | 0.051 |
| 12/ | M | 2 | 1352 | 510 | 58,3 | 19,2 | | 0.081 |
| 13/ | M | 4 | 2189 | 600 | 61,3 | 20,0 | | 0.13 |
| 14/ | M | 2 | 1669 | 540 | 56,5 | 18,6 | | 0.099 |
| 15/ | F | 5 | 3320 | 640 | 51,8 | 21,5 | | 0.067 |
| 16/ | F | 3 | 2336 | 630 | 64,7 | 18,6 | | 0.11 |
| 17/ | M | 4 | 2607 | 610 | 57,7 | 18,8 | | 0.079 |
| 18/ | F | 4 | 2692 | 660 | 52,8 | 18,1 | | 0.11 |
| 19/ | F | 4 | 2887 | 680 | 53,3 | 19,6 | | 0.089 |
| 20/ | F | 8 | 5300 | 830 | 52,4 | 19,5 | | 0.30 |
| 21/ | M | 2 | 1791 | 540 | 57,7 | 19,3 | | 0.087 |
| 22/ | M | 1 | 698 | 410 | 57,3 | 19,5 | | 0.048 |
| 23/ | M | 1 | 414 | 350 | 52,6 | 18,9 | | 0.033 |
| 24/ | M | 1 | 489 | 360 | 53,3 | 18,5 | | 0.047 |
| 25/ | M | 1 | 353 | 340 | 52,3 | 18,8 | | 0.048 |
| Mean | | 2 | 1527 | 502 | 54,6 | 19,1 | | 0,079 |
| Minimum | | 1 | 353 | 340 | 50,8 | 17,5 | | 0,032 |
| Maximum | | 8 | 5300 | 830 | 64,7 | 21,5 | | 0,300 |
| St.Dev | | 2 | 1178 | 128 | 3,3 | 0,7 | | 0,053 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Strandebar

sample no.

- 1 Age uncertain
- 2 Age uncertain
- 3 Age uncertain
- 4 Age uncertain
- 5 Age uncertain
- 15 Age uncertain
- 18 Age uncertain
- 20 Age uncertain
- 21 Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20030110** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | M | 1 | 451 | 358 | 53,0 | | 0,4 | <0.05 | miss | <0.05 | <0.05 | 0.08 | 0.14 | 0.21 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.32 | <0.10 | <0.4 | <0.05 |
| 27/ | X | 1 | 676 | 398 | 52,7 | | 0,4 | <0.05 | miss | <0.05 | <0.05 | 0.05 | 0.08 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.25 | <0.10 | <0.4 | <0.05 |
| 28/ | X | 2 | 1197 | 500 | 54,7 | | 0,4 | <0.05 | <0.05 | 0.05 | 0.05 | 0.10 | 0.15 | 0.20 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.58 | <0.10 | <0.7 | <0.05 |
| 29/ | X | 3 | 2005 | 568 | 57,4 | | 0,3 | <0.05 | <0.05 | 0.07 | 0.06 | 0.12 | 0.19 | 0.23 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.44 | <0.10 | <0.5 | <0.05 |
| 30/ | F | 5 | 3307 | 688 | 55,0 | | 0,4 | <0.05 | <0.05 | 0.08 | 0.05 | 0.10 | 0.18 | 0.21 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.47 | <0.10 | <0.6 | <0.05 |
| Mean | | 2 | 1527 | 502 | 54,6 | | 0,4 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,1 | 0,2 | <<0.1 | <0.1 | <<0.1 | <<1 | <<1 | 0,4 | <<0.1 | <<0.5 | <<0.1 |
| Minimum | | 1 | 451 | 358 | 52,7 | | 0,3 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,3 | <0.1 | <0.4 | <0.1 |
| Maximum | | 5 | 3307 | 688 | 57,4 | | 0,4 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,2 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,6 | <0.1 | <0.7 | <0.1 |
| St.Dev | | 2 | 1160 | 133 | 1,9 | | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(2) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | M | 1 | 451 | 358 | <0.1 | 0.03 | <0.03 | <0.03 | |
| 27/ | X | 1 | 676 | 398 | <0.1 | 0.03 | <0.03 | <0.03 | |
| 28/ | X | 2 | 1197 | 500 | <0.1 | 0.05 | <0.03 | <0.03 | |
| 29/ | X | 3 | 2005 | 568 | <0.1 | 0.06 | <0.03 | <0.03 | |
| 30/ | F | 5 | 3307 | 688 | <0.1 | 0.07 | <0.03 | <0.03 | |
| Mean | | 2 | 1527 | 502 | <<0.1 | 0,0 | <<0.0 | <<0.0 | |
| Minimum | | 1 | 451 | 358 | <0.1 | 0,0 | <0.0 | <0.0 | |
| Maximum | | 5 | 3307 | 688 | <0.1 | 0,1 | <0.0 | <0.0 | |
| St.Dev | | 2 | 1160 | 133 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(2) ! Missing value

Comments

Station: Strandebarm

sample no.

- 26 Bulk of NIVA no 25,23,24,3,6
- 27 Bulk of NIVA no 7,1,2,22,8
- 28 Bulk of NIVA no 4,5,9,12,11
- 29 Bulk of NIVA no 14,21,10,13,17
- 30 Bulk of NIVA no 16,15,18,19,20

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20031101** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| | | | | | 0.005 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 1 | 457 | 335 | 50,1 | 20,2 | | 0.031 |
| 2/1 | F | 1 | 596 | 370 | 50,0 | 20,9 | | 0.025 |
| 3/1 | M | 1 | 553 | 375 | 50,5 | 20,5 | | 0.026 |
| 4/1 | F | 1 | 536 | 380 | 50,6 | 19,5 | | 0.026 |
| 5/1 | M | 1 | 607 | 380 | 50,8 | 20,3 | | 0.028 |
| 6/1 | F | 1 | 624 | 390 | 51,3 | 22,3 | | 0.022 |
| 7/1 | M | 1 | 816 | 405 | 50,5 | 19,5 | | 0.034 |
| 8/1 | F | 2 | 884 | 435 | 51,7 | 19,4 | | 0.041 |
| 9/1 | M | 2 | 1043 | 440 | 51,0 | 19,5 | | 0.042 |
| 10/ | M | 2 | 999 | 445 | 52,5 | 19,6 | | 0.042 |
| 11/ | F | 2 | 1223 | 460 | 51,7 | 19,0 | | 0.040 |
| 12/ | M | 2 | 1281 | 480 | 50,6 | 20,4 | | 0.050 |
| 13/ | M | 2 | 1334 | 470 | 50,7 | 19,8 | | 0.062 |
| 14/ | M | 3 | 1565 | 525 | 50,8 | 19,7 | | 0.057 |
| 15/ | M | 2 | 1359 | 510 | 51,2 | 19,1 | | 0.058 |
| 16/ | F | 2 | 1537 | 530 | 50,6 | 18,6 | | 0.068 |
| 17/ | F | 2 | 818 | 440 | 50,6 | 21,0 | | 0.051 |
| 18/ | M | 2 | 936 | 440 | 51,6 | 19,6 | | 0.059 |
| 19/ | M | 2 | 1059 | 445 | 51,4 | 19,9 | | 0.022 |
| 20/ | M | 2 | 1100 | 480 | 50,4 | 20,1 | | 0.054 |
| 21/ | M | 2 | 1113 | 470 | 50,2 | 20,7 | | 0.051 |
| 22/ | M | 2 | 1303 | 475 | 50,7 | 20,3 | | 0.035 |
| 23/ | M | 3 | 2110 | 550 | 51,8 | 20,0 | | 0.075 |
| 24/ | M | 3 | 2190 | 590 | 50,9 | 20,7 | | 0.042 |
| 25/ | F | 3 | 3581 | 700 | 50,1 | 19,7 | | 0.075 |
| Mean | | 2 | 1185 | 461 | 50,9 | 20,0 | | 0,045 |
| Minimum | | 1 | 457 | 335 | 50,0 | 18,6 | | 0,022 |
| Maximum | | 3 | 3581 | 700 | 52,5 | 22,3 | | 0,075 |
| St.Dev | | 1 | 671 | 79 | 0,6 | 0,8 | | 0,016 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Strandebarb Fish 17-25 sampled in oct.2003 before 17.oct
Fish 1-16 sampled between 17.oct and 14.nov 2003

sample no.

- 1 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 2 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 6 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 18 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 20 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 21 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 23 Age uncertain
- 24 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 25 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20031101** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|--|--|
| Analysis code => | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | Calc | | | |
| Detection limit => | | | | Mean | | | | 0.05 | | | | 0.05 | | | | 0.05 | | | | 0.05 | | | | 0.1 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | | | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | |
| 26/ | X | 1 | 550 | 368 | 50,4 | 0,5 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | | | | |
| 27/ | X | 2 | 837 | 422 | 51,0 | 0,5 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 0.08 | 0.10 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | | | |
| 28/ | X | 2 | 1110 | 452 | 51,6 | 0,4 | <0.05 | <0.05 | 0.05 | <0.05 | 0.05 | 0.09 | 0.11 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | | | |
| 29/ | M | 2 | 1231 | 483 | 50,6 | 0,4 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | | | |
| 30/ | X | 3 | 2196 | 579 | 50,8 | 0,4 | <0.05 | <0.05 | 0.07 | <0.05 | 0.07 | 0.14 | 0.15 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | | | |
| Mean | | 2 | 1185 | 461 | 50,9 | 0,4 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <0.1 | <0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | | | | |
| Minimum | | 1 | 550 | 368 | 50,4 | 0,4 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | | | |
| Maximum | | 3 | 2196 | 579 | 51,6 | 0,5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | | | |
| St.Dev | | 1 | 623 | 79 | 0,4 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 1 | 550 | 368 | <0.1 | <0.05 | <0.05 | <0.05 |
| 27/ | X | 2 | 837 | 422 | <0.1 | 0.05 | <0.03 | <0.03 |
| 28/ | X | 2 | 1110 | 452 | <0.1 | 0.05 | <0.03 | <0.03 |
| 29/ | M | 2 | 1231 | 483 | <0.1 | 0.04 | <0.03 | <0.03 |
| 30/ | X | 3 | 2196 | 579 | <0.1 | 0.06 | <0.03 | <0.03 |
| Mean | | 2 | 1185 | 461 | <<0.1 | <0.1 | <<0.0 | <<0.0 |
| Minimum | | 1 | 550 | 368 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | | 3 | 2196 | 579 | <0.1 | 0,1 | <0.1 | <0.1 |
| St.Dev | | 1 | 623 | 79 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Strandebarrow Fish 17-25 sampled in oct.2003 before 17.oct
Fish 1-16 sampled between 17.oct and 14.nov 2003

sample no.

- 26 Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. Cryptocotyle lingua no1,2,4
- 27 Bulk of NIVA no 6,7,8,9,17 Skin with metacercariae of cf. Cryptocotyle lingua no6,8,17
- 28 Bulk of NIVA no 18,10,19,11,13 Skin with metacercariae of cf. Cryptocotyle lingua
no10,13,17 Liver with necrotic areas and/or discolouration no18
Signs of mechanical damage (e.g., net wounds) no18
- 29 Bulk of NIVA no 21,22,12,20,15 Liver with necrotic areas and/or discolouration no20,21
Signs of mechanical damage (e.g., net wounds) no20,21 Skin with metacercariae of cf. Cryptocotyle lingua no12
- 30 Bulk of NIVA no 14,16,23,24,25 Skin with metacercariae of cf. Cryptocotyle lingua
no24,25,14

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20041115** Count: 25 Sample type: **Individual**

| Analytical lab. => | | NIVA | | | | | | |
|--------------------|-----|-------|------|------|--------|------|-----|-------|
| Analysis code => | | 310 | | | | | | |
| Detection limit => | | Mean | | | | | | |
| | | 0.005 | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 1 | 455 | 350 | 50,4 | 21,9 | | 0.056 |
| 2/1 | F | 1 | 368 | 330 | 50,0 | 19,8 | | 0.045 |
| 3/1 | M | 1 | 495 | 350 | 50,2 | 18,3 | | 0.036 |
| 4/1 | M | 1 | 544 | 390 | 51,3 | 19,5 | | 0.032 |
| 5/1 | F | 1 | 460 | 365 | 51,6 | 20,1 | | 0.038 |
| 6/1 | F | 1 | 523 | 365 | 51,2 | 22,0 | | 0.038 |
| 7/1 | F | 1 | 540 | 380 | 52,9 | 19,7 | | 0.028 |
| 8/1 | M | 1 | 673 | 385 | 51,2 | 19,6 | | 0.033 |
| 9/1 | M | 1 | 613 | 390 | 52,7 | 20,3 | | 0.025 |
| 10/ | M | 1 | 692 | 410 | 51,3 | 16,3 | | 0.032 |
| 11/ | M | 1 | 562 | 390 | 50,3 | 22,9 | | 0.033 |
| 12/ | M | 1 | 652 | 395 | 51,6 | 19,5 | | 0.026 |
| 13/ | F | 1 | 727 | 410 | 51,5 | 18,7 | | 0.036 |
| 14/ | F | 1 | 758 | 420 | 52,9 | 18,3 | | 0.051 |
| 15/ | M | 1 | 756 | 410 | 50,5 | 20,1 | | 0.029 |
| 16/ | M | 1 | 690 | 420 | 50,1 | 18,9 | | 0.049 |
| 17/ | M | 1 | 810 | 425 | 50,8 | 19,1 | | 0.033 |
| 18/ | M | 1 | 1066 | 455 | 50,7 | 19,8 | | 0.027 |
| 19/ | M | 1 | 934 | 455 | 50,0 | 19,6 | | 0.023 |
| 20/ | M | 1 | 1061 | 470 | 50,1 | 19,8 | | 0.047 |
| 21/ | M | 1 | 956 | 445 | 50,5 | 20,2 | | 0.035 |
| 22/ | F | 1 | 1090 | 475 | 50,6 | 19,7 | | 0.045 |
| 23/ | M | 2 | 1508 | 520 | 50,7 | 19,5 | | 0.052 |
| 24/ | M | 2 | 1207 | 490 | 50,3 | 19,8 | | 0.033 |
| 25/ | F | 3 | 2817 | 655 | 50,5 | 19,3 | | 0.090 |
| Mean | | 1 | 838 | 422 | 51,0 | 19,7 | | 0,039 |
| Minimum | | 1 | 368 | 330 | 50,0 | 16,3 | | 0,023 |
| Maximum | | 3 | 2817 | 655 | 52,9 | 22,9 | | 0,090 |
| St.Dev | | 0 | 494 | 67 | 0,9 | 1,3 | | 0,014 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Strandebarm

sample no.

- 1 Skin with metacercariae of cf. Cryptocotyle lingua
- 2 Skin with metacercariae of cf. Cryptocotyle lingua
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Skin with ulceration, lymphocytic areas and/or lesions
- 4 Skin with metacercariae of cf. Cryptocotyle lingua
- 5 Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
- 7 Skin with metacercariae of cf. Cryptocotyle lingua
- 8 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
- 9 Skin with metacercariae of cf. Cryptocotyle lingua
- 10 Skin with metacercariae of cf. Cryptocotyle lingua
- 11 Skin with metacercariae of cf. Cryptocotyle lingua
- 12 Skin with metacercariae of cf. Cryptocotyle lingua Signs of mechanical damage (e.g., net wounds)
- 13 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Signs of mechanical damage (e.g., net wounds)
- 14 Skin with metacercariae of cf. Cryptocotyle lingua
- 15 Skin with metacercariae of cf. Cryptocotyle lingua
- 16 Skin with metacercariae of cf. Cryptocotyle lingua
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Only one eye
- 18 Skin with metacercariae of cf. Cryptocotyle lingua
- 19 Skin with metacercariae of cf. Cryptocotyle lingua
- 20 Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Skin with metacercariae of cf. Cryptocotyle lingua
- 22 Skin with metacercariae of cf. Cryptocotyle lingua
- 23 Skin with metacercariae of cf. Cryptocotyle lingua Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds)
- 24 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 25 Skin with metacercariae of cf. Cryptocotyle lingua

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20041115** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | Calc | | Calc | | 341 | | 341 | | NIVA | | NIVA | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 26/ | X | 1 | 460 | 352 | 50,7 | | 0,1 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | 0.06 | 0.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | |
| 27/ | X | 1 | 586 | 387 | 51,7 | | 0,2 | <0.05 | <0.05 | miss | <0.05 | <0.05 | 0.08 | 0.11 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | |
| 28/ | X | 1 | 717 | 409 | 51,6 | | 0,3 | <0.05 | <0.05 | s0.09 | 0.05 | 0.15 | 0.29 | 0.44 | <0.05 | 0.10 | <0.05 | s<1 | s<1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | |
| 29/ | M | 1 | 891 | 440 | 50,4 | | 0,3 | <0.05 | <0.05 | miss | 0.07 | 0.08 | 0.13 | 0.25 | <0.05 | 0.06 | <0.05 | <1 | <1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | |
| 30/ | X | 2 | 1537 | 522 | 50,4 | | 0,3 | <0.05 | <0.05 | 0.14 | 0.13 | 0.30 | 0.37 | 0.45 | <0.05 | 0.09 | <0.05 | <1 | <2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | | |
| Mean | | 1 | 838 | 422 | 51,0 | | 0,2 | <<0.1 | <<0.1 | 0,1 | <<0.1 | <<0.1 | 0,2 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | | |
| Minimum | | 1 | 460 | 352 | 50,4 | | 0,1 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | |
| Maximum | | 2 | 1537 | 522 | 51,7 | | 0,3 | <0.1 | <0.1 | 0,1 | 0,1 | 0,3 | 0,4 | 0,5 | <0.1 | 0,1 | <0.1 | <1 | <2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | |
| St.Dev | | 0 | 422 | 64 | 0,6 | | 0,1 | ~0.0 | ~0.0 | 0,1 | ~0.0 | ~0.1 | 0,1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

miss(2) ! Missing value s/q(3) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 1 | 460 | 352 | <0.1 | 0.03 | <0.03 | <0.05 | |
| 27/ | X | 1 | 586 | 387 | <0.1 | 0.03 | <0.03 | <0.05 | |
| 28/ | X | 1 | 717 | 409 | <0.1 | 0.04 | <0.03 | <0.05 | |
| 29/ | M | 1 | 891 | 440 | <0.1 | 0.04 | <0.03 | <0.05 | |
| 30/ | X | 2 | 1537 | 522 | <0.1 | 0.05 | <0.03 | <0.05 | |
| Mean | | 1 | 838 | 422 | <<0.1 | 0,0 | <<0.0 | <<0.1 | |
| Minimum | | 1 | 460 | 352 | <0.1 | 0,0 | <0.0 | <0.1 | |
| Maximum | | 2 | 1537 | 522 | <0.1 | 0,1 | <0.0 | <0.1 | |
| St.Dev | | 0 | 422 | 64 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(2) ! Missing value s/q(3) ! Suspect value

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Strandebarm

sample no.

- 26 Bulk of NIVA no 2,1,3,5,6 Skin with metacercariae of cf. Cryptocotyle lingua
Skin with ulceration, lymphocytic areas and/or lesions no 3 Signs of mechanical damage (e.g., net wounds) no 6
- 27 Bulk of NIVA no 7,8,4,9,11 Skin with metacercariae of cf. Cryptocotyle lingua
Signs of mechanical damage (e.g., net wounds) no 8
- 28 Bulk of NIVA no 12,10,13,14,15 Skin with metacercariae of cf. Cryptocotyle lingua
Signs of mechanical damage (e.g., net wounds) no 12,13
- 29 Bulk of NIVA no 16,17,21,18,19 Skin with metacercariae of cf. Cryptocotyle lingua
- 30 Bulk of NIVA no 20,22,24,23,25 Skin with metacercariae of cf. Cryptocotyle lingua
Liver with necrotic areas and/or discolouration no 23 Signs of mechanical damage (e.g., net wounds) no 23

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20051030** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|-----------------------|-----|------|------|-----|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| Sam:Sex Age Wght Lngt | | | | | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | w.wt | | | |
| 1/1 | M | 3 | 431 | 355 | | 19,0 | | 0.038 |
| 2/1 | F | 3 | 561 | 355 | | 23,0 | | 0.050 |
| 3/1 | M | 3 | 622 | 360 | | 23,0 | | 0.044 |
| 4/1 | M | 3 | 602 | 360 | | 25,0 | | 0.048 |
| 5/1 | M | 2 | 836 | 395 | | 22,0 | | 0.069 |
| 6/1 | F | 3 | 587 | 375 | | 19,0 | | 0.040 |
| 7/1 | F | 3 | 515 | 370 | | 20,0 | | 0.038 |
| 8/1 | F | 4 | 573 | 380 | | 20,0 | | 0.060 |
| 9/1 | M | 3 | 614 | 390 | | 19,0 | | 0.044 |
| 10/ | F | 2 | 612 | 380 | | 19,0 | | 0.120 |
| 11/ | F | 2 | 703 | 378 | | 20,0 | | 0.044 |
| 12/ | F | 3 | 638 | 403 | | 20,0 | | 0.058 |
| 13/ | F | 3 | 607 | 385 | | 20,0 | | 0.056 |
| 14/ | F | 3 | 730 | 405 | | 19,0 | | 0.058 |
| 15/ | F | 2 | 748 | 420 | | 19,0 | | 0.049 |
| 16/ | M | 3 | 883 | 460 | | 20,0 | | 0.079 |
| 17/ | M | 2 | 862 | 460 | | 20,0 | | 0.069 |
| 18/ | F | 3 | 1406 | 495 | | 19,4 | | 0.056 |
| 19/ | F | 3 | 1317 | 510 | | 20,0 | | 0.053 |
| 20/ | F | 3 | 1990 | 550 | | 23,0 | | 0.075 |
| 21/ | F | 2 | 1542 | 550 | | 20,0 | | 0.079 |
| 22/ | M | 3 | 1759 | 560 | | 19,0 | | 0.064 |
| 23/ | F | 4 | 2125 | 580 | | 22,0 | | 0.084 |
| 24/ | F | 4 | 1918 | 580 | | 20,0 | | 0.091 |
| 25/ | F | 4 | 2669 | 610 | | 22,0 | | 0.078 |
| Mean | | 3 | 1034 | 443 | | 20,5 | | 0,062 |
| Minimum | | 2 | 431 | 355 | | 19,0 | | 0,038 |
| Maximum | | 4 | 2669 | 610 | | 25,0 | | 0,120 |
| St.Dev | | 1 | 621 | 85 | | 1,6 | | 0,019 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Strandebarrow Fish sampled in whole oct.2005

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,3g
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,9g
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Sex uncertain
Part sample = 50,3g
- 4 Sex uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Part sample = 51,5g
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,8g
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,5g
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,8g
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,9g
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,8g
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,05g
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,57g
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,00g
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,85g
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,97g
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,18g
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,72g
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,65g
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,18g
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,59g
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,54g
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,53g
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,6g
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,88g
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,2g
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,59g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20061106** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 2 | 418 | 300 | | 15,6 | | 0.045 |
| 2/1 | U | 1 | 428 | 325 | | 19,3 | | 0.026 |
| 3/1 | M | 1 | 509 | 350 | | 18,3 | | 0.031 |
| 4/1 | M | 2 | 439 | 350 | | 18,7 | | 0.034 |
| 5/1 | F | 2 | 655 | 375 | | 19,1 | | 0.032 |
| 6/1 | F | 2 | 634 | 375 | | 20,1 | | 0.027 |
| 7/1 | M | 1 | 746 | 380 | | 20,3 | | 0.026 |
| 8/1 | M | 2 | 934 | 410 | | 19,9 | | 0.031 |
| 9/1 | M | 2 | 898 | 415 | | 20,9 | | 0.068 |
| 10/ | M | 2 | 1007 | 415 | | 22,1 | | 0.034 |
| 11/ | F | 2 | 936 | 430 | | 21,7 | | 0.062 |
| 12/ | M | 2 | 982 | 430 | | 20,4 | | 0.032 |
| 13/ | M | 2 | 1052 | 440 | | 19,3 | | 0.031 |
| 14/ | M | 2 | 1058 | 440 | | 18,8 | | 0.038 |
| 15/ | M | 2 | 1191 | 460 | | 20,4 | | 0.049 |
| 16/ | M | 2 | 1326 | 480 | | 19,9 | | 0.034 |
| 17/ | M | 2 | 1484 | 490 | | 20,7 | | 0.076 |
| 18/ | F | 2 | 1310 | 505 | | 18,6 | | 0.089 |
| 19/ | M | 2 | 1550 | 510 | | 20,3 | | 0.048 |
| 20/ | M | 3 | 1497 | 545 | | 17,0 | | 0.226 |
| 21/ | M | 3 | 1656 | 545 | | 20,0 | | 0.064 |
| 22/ | M | 2 | 1867 | 560 | | 20,3 | | 0.071 |
| 23/ | U | 3 | 1892 | 560 | | 19,1 | | 0.089 |
| 24/ | F | 3 | 2463 | 570 | | 20,0 | | 0.090 |
| 25/ | F | 7 | 3415 | 680 | 50,9 | 16,8 | | 0.231 |
| Mean | | 2 | 1214 | 454 | 50,9 | 19,5 | | 0,063 |
| Minimum | | 1 | 418 | 300 | 50,9 | 15,6 | | 0,026 |
| Maximum | | 7 | 3415 | 680 | 50,9 | 22,1 | | 0,231 |
| St.Dev | | 1 | 689 | 91 | | 1,5 | | 0,054 |
| Count | | 25 | 25 | 25 | 1 | 25 | | 25 |

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Comments

Station: Strandebarrow area Sampled 6.-13.nov.2006

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,07g
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Sex uncertain
Part sample = 50,43g
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
sex uncertain Part sample = 50,45g
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,11g
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,48g
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 52,29g
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 52,29g
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,46g
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,94g
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 51,58g
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,69g
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 51,98g
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,34g
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,37g
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,62g
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,2g
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,69g
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,44g
- 19 Part sample = 52,22g
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,05g
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,95g
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,23g
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,21g
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* crushed liver
Part sample = 50,72g
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua* Crushed liver
Part sample = 50,93g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67B Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20061106** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | 341 | 341 | Calc |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 490 | 340 | 0,4 | <0.05 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 27/ | X | 2 | 844 | 399 | 0,5 | <0.05 | <0.1 | 0.07 | 0.07 | 0.17 | 0.32 | 0.44 | <0.05 | 0.12 | <0.05 | <1 | <1 | 0.12 | <0.2 | <0.1 | <0.1 | <0.3 | <0.3 |
| 28/ | X | 2 | 1044 | 440 | 0,4 | <0.05 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 29/ | X | 2 | 1433 | 506 | 0,4 | <0.05 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 30/ | X | 4 | 2259 | 583 | 0,3 | <0.05 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| Mean | | 2 | 1214 | 454 | 0,4 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | | 2 | 490 | 340 | 0,3 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | | 4 | 2259 | 583 | 0,5 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,3 | 0,4 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,2 | <0.2 | <0.1 | <0.1 | <0.4 | <0.4 |
| St.Dev | | 1 | 676 | 94 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.1 | ~0.1 | ~0.2 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.1 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.03 | 0.03 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 490 | 340 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 27/ | X | 2 | 844 | 399 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 28/ | X | 2 | 1044 | 440 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 29/ | X | 2 | 1433 | 506 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 |
| 30/ | X | 4 | 2259 | 583 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| Mean | | 2 | 1214 | 454 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.1 |
| Minimum | | 2 | 490 | 340 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| Maximum | | 4 | 2259 | 583 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| St.Dev | | 1 | 676 | 94 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Strandebarm area Sampled 6.-13.nov.2006

sample no.

- 26 Bulk of NIVA no 1,2,3,4,5 sex uncertain fish no 2,3
crushed liver Skin with metacercariae of cf. Cryptocotyle lingua
Bulk part sample NIVA no 1,2,3,4,5
- 27 Bulk of NIVA no 6,7,8,9,10 crushed liver
Skin with metacercariae of cf. Cryptocotyle lingua Bulk part sample NIVA no 6,7,8,9,10
- 28 Bulk of NIVA no 11,12,13,14,15 crushed liver fish no 11,12,13,14
Skin with metacercariae of cf. Cryptocotyle lingua Bulk part sample NIVA no 11,12,13,14,15
- 29 Bulk of NIVA no 16,17,18,19,20 Skin with metacercariae of cf. Cryptocotyle lingua
Bulk part sample NIVA no 16,17,18,19,20
- 30 Bulk of NIVA no 21,22,23,24,25 Skin with metacercariae of cf. Cryptocotyle lingua
crushed liver fish no 24,25 Bulk part sample NIVA no 21,22,23,24,25

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20021019** Count: 25 Sample type: **Individual**

| Analytical lab. => | | NIVA | | | | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | 310 | | | | | | |
| Detection limit => | | Mean | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 3 | 2150 | 590 | 58,4 | 18,9 | | 0.091 |
| 2/1 | F | 5 | 3280 | 620 | 26,6 | 19,0 | | 0.135 |
| 3/1 | M | 2 | 1300 | 510 | 31,6 | 20,1 | | 0.084 |
| 4/1 | M | 2 | 1680 | 545 | 40,8 | 19,5 | | 0.102 |
| 5/1 | F | 3 | 2180 | 580 | 37,6 | 19,4 | | 0.102 |
| 6/1 | M | 3 | 1750 | 560 | 50,8 | 19,5 | | 0.092 |
| 7/1 | F | 3 | 1790 | 560 | 39,6 | 19,1 | | 0.064 |
| 8/1 | F | 3 | 1455 | 500 | 52,2 | 18,8 | | 0.099 |
| 9/1 | F | 5 | 2800 | 670 | 34,6 | 18,1 | | 0.149 |
| 10/ | F | 2 | 701 | 410 | 30,8 | 19,8 | | 0.028 |
| 11/ | M | 2 | 500 | 380 | 19,4 | 19,2 | | 0.060 |
| 12/ | M | 2 | 770 | 430 | 28,0 | 17,9 | | 0.075 |
| 13/ | M | 2 | 1320 | 510 | 40,6 | 19,5 | | 0.057 |
| 14/ | M | 1 | 461 | 350 | 18,8 | 20,2 | | 0.027 |
| 15/ | M | 2 | 983 | 460 | 33,6 | 19,6 | | 0.042 |
| 16/ | M | 3 | 1354 | 520 | 43,2 | 19,1 | | 0.089 |
| 17/ | F | 4 | 2600 | 610 | 64,0 | 19,3 | | 0.129 |
| 18/ | F | 2 | 1610 | 540 | 53,8 | 20,4 | | 0.069 |
| 19/ | F | 3 | 1900 | 580 | 38,2 | 19,3 | | 0.095 |
| 20/ | F | 3 | 1917 | 580 | 44,2 | 19,0 | | 0.131 |
| 21/ | F | 2 | 1050 | 480 | 25,8 | 20,4 | | 0.067 |
| 22/ | M | 3 | 1432 | 530 | 32,2 | 19,8 | | 0.044 |
| 23/ | F | 3 | 2040 | 590 | 52,6 | 19,3 | | 0.137 |
| 24/ | M | 3 | 1900 | 590 | 36,0 | 20,8 | | 0.061 |
| 25/ | M | 3 | 1635 | 540 | 53,2 | 19,4 | | 0.094 |
| Mean | | 3 | 1622 | 529 | 39,5 | 19,4 | | 0,085 |
| Minimum | | 1 | 461 | 350 | 18,8 | 17,9 | | 0,027 |
| Maximum | | 5 | 3280 | 670 | 64,0 | 20,8 | | 0,149 |
| St.Dev | | 1 | 689 | 77 | 12,0 | 0,7 | | 0,034 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Karihavet area

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 2 Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 3 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin with ulceration, lymphocytic areas and/or lesions
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 12 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 13 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 15 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 17 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Age uncertain
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 19 Skin with ulceration, lymphocytic areas and/or lesions
- 20 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 24 Skin with ulceration, lymphocytic areas and/or lesions

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20021019** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|--------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | |
| Sam;Sex | | | | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | | | |
| rep | F/M | year | g | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | mm | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 26/ | X | 2 | 683 | 406 | 26,1 | 0,3 | <0.05 | miss | <0.05 | <0.05 | 0.050 | 0.090 | 0.15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.10 | <0.1 | <0.2 | <0.05 | | | |
| 27/ | X | 2 | 1296 | 504 | 38,7 | 0,3 | 0.060 | miss | <0.05 | <0.05 | 0.050 | 0.080 | 0.14 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.080 | <0.1 | <0.2 | <0.05 | | | |
| 28/ | X | 3 | 1621 | 543 | 46,2 | 0,3 | <0.05 | miss | <0.05 | 0.060 | 0.14 | 0.19 | 0.24 | <0.05 | 0.050 | <0.05 | <1 | <1 | 0.10 | <0.1 | <0.2 | <0.05 | | | |
| 29/ | F | 3 | 1987 | 578 | 43,6 | 0,2 | <0.05 | miss | <0.05 | <0.05 | 0.060 | 0.090 | 0.15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.090 | <0.1 | <0.2 | <0.05 | | | |
| 30/ | X | 4 | 2524 | 616 | 42,8 | 0,3 | <0.05 | miss | 0.090 | 0.10 | 0.22 | 0.50 | 0.63 | <0.05 | 0.17 | <0.05 | <2 | <2 | 0.57 | <0.1 | <0.7 | <0.05 | | | |
| Mean | | 3 | 1622 | 529 | 39,5 | 0,3 | <<0.1 | | <<0.1 | <<0.1 | 0,1 | 0,2 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.1 | <<0.3 | <<0.1 | | | |
| Minimum | | 2 | 683 | 406 | 26,1 | 0,2 | <0.1 | | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 | | | |
| Maximum | | 4 | 2524 | 616 | 46,2 | 0,3 | 0,1 | | | 0,1 | 0,1 | 0,2 | 0,5 | 0,6 | <0.1 | | 0,2 | <0.1 | <2 | <2 | 0,6 | <0.1 | <0.7 | <0.1 | |
| St.Dev | | 1 | 696 | 80 | 7,9 | 0,0 | ~0.0 | | ~0.0 | ~0.0 | 0,1 | 0,2 | 0,2 | ~0.0 | ~0.1 | ~0.0 | ~1 | ~1 | 0,2 | ~0.0 | ~0.2 | ~0.0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(5) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|-------|-------|-------|-------|-------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | | | | |
| Sam;Sex | | | | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | ppb | ppb | ppb | ppb | | |
| no. | | | mm | w.wt | w.wt | w.wt | w.wt | | |
| 26/ | X | 2 | 683 | 406 | <0.1 | 0.040 | <0.03 | <0.03 | |
| 27/ | X | 2 | 1296 | 504 | <0.1 | 0.040 | 0.030 | <0.03 | |
| 28/ | X | 3 | 1621 | 543 | <0.1 | 0.050 | <0.03 | <0.03 | |
| 29/ | F | 3 | 1987 | 578 | <0.1 | 0.040 | <0.03 | <0.03 | |
| 30/ | X | 4 | 2524 | 616 | <0.1 | 0.060 | <0.03 | <0.03 | |
| Mean | | 3 | 1622 | 529 | <<0.1 | 0,0 | <<0.0 | <<0.0 | |
| Minimum | | 2 | 683 | 406 | <0.1 | 0,0 | <0.0 | <0.0 | |
| Maximum | | 4 | 2524 | 616 | <0.1 | 0,1 | 0,0 | <0.0 | |
| St.Dev | | 1 | 696 | 80 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(5) ! Missing value

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Comments

Station: Karihavet area

sample no.

- 26 Bulk of NIVA no 14,11,10,12,15 Skin with metacercariae of cf. Cryptocotyle lingua no11
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no11,12,15
Liver a/o intestinal guts with larvae of Anisakis simpl.no12
- 27 Bulk of NIVA no 21,8,3,13,16 Skin with metacercariae of cf. Cryptocotyle lingua n 21
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no 3,8,13
- 28 Bulk of NIVA no 22,18,25,4,6 Skin with metacercariae of cf. Cryptocotyle lingua no18
- 29 Bulk of NIVA no 7,5,19,20,1 Skin with metacercariae of cf. Cryptocotyle lingua no1,7
Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods no1,20
Skin with ulceration, lymphocytic areas and/or lesions no19
- 30 Bulk of NIVA no 23,24,17,2,9 Skin with ulceration, lymphocyt. areas a/o lesions no24,2,9
Liver a/o intestinal guts with larvae of Anisakis simpl.no2 Skin with metacercariae of cf. Cryptocotyle lingua no9
Skin a/o oral cavity w.caligiform a/o Lernaepodif.copepo.17

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20031004** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght year | Lngr mm | weight g | Dry % | Fat % | NIVA |
|-------------|-----|------|-----------|---------|----------|-------|-------|----------|
| rep F/M | | year | g | mm | g | % | % | ppm w.wt |
| 1/1 | F | 5 | 1560 | 515 | 52,4 | 20,7 | | 310 |
| 2/1 | F | 6 | 1714 | 540 | 51,5 | 17,8 | | 0.005 |
| 3/1 | F | 6 | 1711 | 580 | 50,2 | 19,0 | | |
| 4/1 | F | 6 | 2487 | 620 | 61,3 | 18,6 | | |
| 5/1 | F | 3 | 632 | 415 | 53,0 | 19,7 | | |
| 6/1 | F | 4 | 1305 | 520 | 50,0 | 19,8 | | |
| 7/1 | F | 4 | 1710 | 530 | 55,2 | 19,5 | | |
| 8/1 | F | 4 | 2921 | 650 | 51,6 | 20,0 | | |
| 9/1 | F | 6 | 3156 | 620 | 73,4 | 20,6 | | |
| 10/ | M | 3 | 1388 | 520 | 50,5 | 19,4 | | |
| 11/ | M | 3 | 1385 | 525 | 55,3 | 20,3 | | |
| 12/ | F | 3 | 1949 | 590 | 54,4 | 20,8 | | |
| 13/ | F | 6 | 2237 | 600 | 63,4 | 19,8 | | |
| 14/ | M | 3 | 1208 | 495 | 49,0 | 19,8 | | |
| 15/ | F | 4 | 1745 | 570 | 55,2 | 17,9 | | |
| 16/ | F | 6 | 2305 | 630 | 66,7 | 19,8 | | |
| 17/ | M | 3 | 980 | 480 | 51,8 | 22,7 | | |
| 18/ | M | 3 | 1953 | 535 | 63,1 | 21,5 | | |
| 19/ | M | 3 | 1372 | 520 | 51,6 | 19,9 | | |
| 20/ | F | 5 | 3244 | 690 | 70,5 | 19,4 | | |
| 21/ | F | 2 | 540 | 385 | 50,0 | 18,8 | | |
| 22/ | F | 2 | 489 | 380 | 56,8 | 19,7 | | |
| 23/ | M | 2 | 572 | 375 | 50,1 | 20,5 | | |
| 24/ | F | 2 | 614 | 390 | 52,0 | 19,3 | | |
| 25/ | M | 2 | 635 | 410 | 52,8 | 20,2 | | |
| Mean | | 4 | 1592 | 523 | 55,7 | 19,8 | | 0,072 |
| Minimum | | 2 | 489 | 375 | 49,0 | 17,8 | | 0,024 |
| Maximum | | 6 | 3244 | 690 | 73,4 | 22,7 | | 0,154 |
| St.Dev | | 1 | 814 | 91 | 6,8 | 1,0 | | 0,039 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Karihavet area Fish sampled between 28.sep.and 4.oct 2003

sample no.

- 1 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Only one eye
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Bacterial fin rot
- 4 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Bacterial fin rot
- 5 Age uncertain Bacterial fin rot
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex
- 7 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 8 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 9 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex
- 10 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 11 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 12 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 13 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Gills with Lernaeocera copepods Liver and/or intestinal guts with larvae of Anisakis simplex
- 14 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of Anisakis simplex
- 15 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex
- 17 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex
- 18 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Age uncertain Gills with Lernaeocera copepods
- 21 Age uncertain
- 22 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 23 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Signs of mechanical damage (e.g., net wounds)
- 24 Liver and/or intestinal guts with larvae of Anisakis simplex

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20031004** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | |
| rep F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 26/ X | 2 | 570 | 388 | 52,3 | 0,3 | <0.05 | <0.05 | <0.05 | <0.05 | 0.10 | 0.19 | 0.29 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.16 | <0.07 | <0.2 | <0.05 | | |
| 27/ X | 4 | 1137 | 485 | 51,2 | 0,2 | <0.05 | <0.05 | 0.06 | <0.05 | 0.07 | 0.12 | 0.17 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.13 | <0.07 | <0.2 | <0.05 | | |
| 28/ X | 3 | 1562 | 526 | 55,1 | 0,3 | <0.05 | miss | 0.07 | <0.05 | <0.05 | 0.09 | 0.11 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.10 | <0.07 | <0.2 | <0.05 | | |
| 29/ F | 5 | 1871 | 576 | 54,9 | 0,3 | <0.05 | miss | 0.07 | <0.05 | 0.07 | 0.11 | 0.15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.13 | <0.07 | <0.2 | <0.05 | | |
| 30/ F | 5 | 2823 | 642 | 64,7 | 0,3 | <0.05 | <0.05 | 0.12 | 0.07 | 0.13 | 0.23 | 0.34 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.29 | <0.07 | <0.4 | <0.05 | | |
| Mean | 4 | 1592 | 523 | 55,7 | 0,3 | <<0.1 | <<0.1 | <0.1 | <<0.1 | <0.1 | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,2 | <<0.1 | <<0.2 | <<0.1 | | |
| Minimum | 2 | 570 | 388 | 51,2 | 0,2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 | | |
| Maximum | 5 | 2823 | 642 | 64,7 | 0,3 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.1 | <0.4 | <0.1 | | |
| St.Dev | 1 | 843 | 96 | 5,3 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.1 | ~0.0 | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(2) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|------|------|------|-------|------|-------|-------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam:Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | | |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | | |
| 26/ X | 2 | 570 | 388 | <0.1 | 0.05 | <0.03 | <0.03 | | |
| 27/ X | 4 | 1137 | 485 | <0.1 | 0.05 | <0.03 | <0.03 | | |
| 28/ X | 3 | 1562 | 526 | <0.1 | 0.05 | <0.03 | <0.03 | | |
| 29/ F | 5 | 1871 | 576 | <0.1 | 0.05 | <0.03 | <0.03 | | |
| 30/ F | 5 | 2823 | 642 | <0.1 | 0.07 | <0.03 | <0.03 | | |
| Mean | 4 | 1592 | 523 | <<0.1 | 0,1 | <<0.0 | <<0.0 | | |
| Minimum | 2 | 570 | 388 | <0.1 | 0,1 | <0.0 | <0.0 | | |
| Maximum | 5 | 2823 | 642 | <0.1 | 0,1 | <0.0 | <0.0 | | |
| St.Dev | 1 | 843 | 96 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

miss(2) ! Missing value

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Comments

Station: Karihavet area Fish sampled between 28.sep.and 4.oct 2003

sample no.

- 26 Bulk of NIVA no 21,22,23,24,25 Liver a/o intestinal guts with larvae of Anisakis simp 22,24
Skin with metacercariae of cf. Cryptocotyle lingua no23 Signs of mechanical damage (e.g., net wounds) no 23
- 27 Bulk of NIVA no 5,17,14,1,6 Liver and/or intestinal guts with larvae of Anisakis simplex
no1,6,14,17 Bacterial fin rot no6 Skin with metacercariae of cf. Cryptocotyle lingua no14,17
Skin with ulceration, lymphocytic areas d/o lesions no14,
- 28 Bulk of NIVA no 10,19,11,7,18 Liver and/or intestinal guts with larvae of Anisakis simplex
no7,11,18,19 Skin with metacercariae of cf. Cryptocotyle lingua no10
- 29 Bulk of NIVA no 2,15,3,12,13 Bacterial fin rot no3 Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with metacercariae of cf. Cryptocotyle lingua no13,15 Gills with Lernaeocera copepods no13
- 30 Bulk of Niva no 4,9,16,8,20 Bacterial fin rot no4 Liver and/or intestinal guts with larvae of Anisakis simplex
no 4,9,16,8 Skin with metacercariae of cf. Cryptocotyle lingua no9,16
Gills with Lernaeocera copepods no20

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20040923** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght year | Lngr mm | weight g | Dry % | Fat % | NIVA HG ppm w.wt |
|-------------|-----|-----|-----------|---------|----------|-------|-------|------------------|
| 1/1 | M | 4 | 1046 | 503 | 59,0 | 18,9 | | 0.067 |
| 2/1 | F | 2 | 1915 | 543 | 83,0 | 20,1 | | 0.098 |
| 3/1 | F | 4 | 1723 | 560 | 80,0 | 18,6 | | 0.086 |
| 4/1 | F | 4 | 1534 | 558 | 62,0 | 18,6 | | 0.141 |
| 5/1 | F | 3 | 2455 | 641 | 89,4 | 18,2 | | 0.113 |
| 6/1 | M | 2 | 1394 | 535 | 62,8 | 18,5 | | 0.073 |
| 7/1 | M | 5 | 1484 | 562 | 55,0 | 17,5 | | 0.134 |
| 8/1 | M | 4 | 794 | 435 | 57,0 | 19,5 | | 0.069 |
| 9/1 | F | 5 | 2628 | 650 | 65,0 | 17,0 | | 0.156 |
| 10/ | M | 3 | 1410 | 520 | 52,5 | 18,6 | | 0.113 |
| 11/ | M | 1 | 468 | 378 | 52,0 | 19,3 | | 0.042 |
| 12/ | M | 3 | 1511 | 555 | 55,7 | 19,9 | | 0.060 |
| 13/ | M | 2 | 620 | 428 | 62,4 | 18,1 | | 0.070 |
| 14/ | M | 3 | 1286 | 515 | 57,9 | 18,0 | | 0.106 |
| 15/ | F | 2 | 1033 | 490 | 59,7 | 19,9 | | 0.073 |
| 16/ | F | 2 | 1184 | 480 | 63,0 | 19,2 | | 0.084 |
| 17/ | M | 4 | 1154 | 510 | 52,3 | 18,8 | | 0.100 |
| 18/ | F | 2 | 1238 | 500 | 50,1 | 18,8 | | 0.118 |
| 19/ | F | 2 | 1156 | 505 | 53,4 | 19,2 | | 0.083 |
| 20/ | M | 3 | 3019 | 660 | 86,5 | 21,4 | | 0.082 |
| 21/ | M | 3 | 1410 | 545 | 67,4 | 19,4 | | 0.167 |
| 22/ | M | 3 | 2098 | 590 | 80,1 | 19,7 | | 0.096 |
| 23/ | F | 1 | 658 | 430 | 51,7 | 19,6 | | 0.049 |
| 24/ | F | 3 | 3080 | 670 | 72,0 | 20,2 | | 0.106 |
| 25/ | M | 5 | 3129 | 700 | 80,5 | 17,3 | | 0.137 |
| Mean | | 3 | 1577 | 539 | 64,4 | 19,0 | | 0,097 |
| Minimum | | 1 | 468 | 378 | 50,1 | 17,0 | | 0,042 |
| Maximum | | 5 | 3129 | 700 | 89,4 | 21,4 | | 0,167 |
| St.Dev | | 1 | 764 | 81 | 12,1 | 1,0 | | 0,033 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Karihavet area Fished at depth 2-10m

sample no.

- 1 Signs of mechanical damage (e.g., net wounds) Skin with ulceration, lymphocytic areas and/or lesions
Skin with metacercariae of cf. *Cryptocotyle lingua*
- 2 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 3 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 9 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods
- 14 Gills with *Lernaeocera* copepods
- 15 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 19 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 20 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Gills with *Lernaeocera* copepods
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 23 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 24 Gills with *Lernaeocera* copepods

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20040923** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 745 | 430 | 57,2 | | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.08 | 0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 27/ | X | 3 | 1125 | 502 | 54,9 | | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | 0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 28/ | X | 3 | 1483 | 532 | 64,7 | | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | 0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 29/ | X | 4 | 1670 | 565 | 66,6 | | | <0.05 | <0.05 | 0.06 | 0.06 | 0.17 | 0.28 | 0.53 | <0.05 | 0.13 | <0.05 | <1 | <1 | 0.25 | <0.05 | <0.3 | <0.05 |
| 30/ | X | 4 | 2862 | 664 | 78,7 | | | <0.05 | <0.05 | <0.05 | <0.05 | 0.10 | 0.20 | 0.33 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.17 | <0.05 | <0.2 | <0.05 |
| Mean | | 3 | 1577 | 539 | 64,4 | | | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | | 2 | 745 | 430 | 54,9 | | | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | | 4 | 2862 | 664 | 78,7 | | | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,3 | 0,5 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.1 | <0.3 | <0.1 |
| St.Dev | | 1 | 801 | 86 | 9,4 | | | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.1 | 0,1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.1 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 745 | 430 | <0.1 | <0.03 | <0.03 | <0.03 |
| 27/ | X | 3 | 1125 | 502 | <0.1 | <0.03 | <0.03 | <0.03 |
| 28/ | X | 3 | 1483 | 532 | <0.1 | <0.03 | <0.03 | <0.03 |
| 29/ | X | 4 | 1670 | 565 | <0.1 | <0.03 | <0.03 | <0.03 |
| 30/ | X | 4 | 2862 | 664 | <0.1 | <0.03 | <0.03 | <0.03 |
| Mean | | 3 | 1577 | 539 | <<0.1 | <<0.0 | <<0.0 | <<0.0 |
| Minimum | | 2 | 745 | 430 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | | 4 | 2862 | 664 | <0.1 | <0.0 | <0.0 | <0.0 |
| St.Dev | | 1 | 801 | 86 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Karihavet area Fished at depth 2-10m

sample no.

- 26 Bulk of NIVA no 11,13,23,8,16 Skin with metacercariae of cf. *Cryptocotyle lingua*
Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods no2
- 27 Bulk of NIVA no 15,18,1,19,17 Skin with metacercariae of cf. *Cryptocotyle lingua* no1,15,17
Signs of mechanical damage (e.g., net wounds) no 1 Skin with ulceration, lymphocytic areas and/or lesions no1
Liver a/o intestinal guts w. larvae of *Anisakis simpl.*n17,19
- 28 Bulk of NIVA no 14,10,6,2,21 Liver a/o intestinal guts with larvae of *Anisakis simpl.*no 2
Skin with metacercariae of cf. *Cryptocotyle lingua* no6,10,21 Gills with *Lernaeocera* copepods no 14,21
- 29 Bulk of NIVA no 12,4,3,7,22 Skin with metacercariae of cf. *Cryptocotyle lingua*
Liver a/o intestinal guts with larvae of *Anisakis simpl.*no4
- 30 Bulk of niva no 5,9,20,24,25 Gills with *Lernaeocera* copepods no24
Liver a/o intestinal guts with larvae of *Anisakis simpl.*n20 Skin with metacercariae of cf. *Cryptocotyle lingua* no 9,5

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20051027** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| | | | | | 0.005 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 2 | 1360 | 500 | | 19,0 | | 0.070 |
| 2/1 | F | 2 | 912 | 425 | | 19,0 | | 0.080 |
| 3/1 | F | 2 | 704 | 430 | | 19,0 | | 0.052 |
| 4/1 | M | 2 | 1033 | 495 | | 19,0 | | 0.055 |
| 5/1 | F | 2 | 1386 | 525 | | 20,0 | | 0.072 |
| 6/1 | F | 5 | 4000 | 730 | | 17,0 | | 0.225 |
| 7/1 | M | 4 | 3595 | 680 | | 20,0 | | 0.157 |
| 8/1 | M | 2 | 585 | 390 | | 18,0 | | 0.046 |
| 9/1 | F | 3 | 2828 | 650 | | 19,0 | | 0.096 |
| 10/ | F | 2 | 1317 | 505 | | 19,0 | | 0.058 |
| 11/ | F | 4 | 3512 | 755 | | 19,0 | | 0.097 |
| 12/ | F | 3 | 2021 | 600 | | 19,0 | | 0.049 |
| 13/ | F | 3 | 3077 | 680 | | 20,0 | | 0.106 |
| 14/ | M | 5 | 1450 | 530 | | 19,0 | | 0.139 |
| 15/ | M | 3 | 3338 | 680 | | 19,0 | | 0.095 |
| 16/ | M | 2 | 940 | 460 | | 19,0 | | 0.090 |
| 17/ | M | 2 | 618 | 455 | | 19,0 | | 0.053 |
| 18/ | F | 4 | 3788 | 740 | | 20,0 | | 0.079 |
| 19/ | F | 5 | 2192 | 600 | | 19,0 | | 0.173 |
| 20/ | F | 3 | 614 | 405 | | 20,0 | | 0.081 |
| 21/ | M | 4 | 3747 | 730 | | 18,0 | | 0.137 |
| 22/ | M | 2 | 596 | 390 | | 19,0 | | 0.063 |
| 23/ | F | 2 | 1153 | 480 | | 19,0 | | 0.090 |
| 24/ | F | 2 | 672 | 425 | | 19,0 | | 0.039 |
| 25/ | M | 2 | 632 | 415 | | 19,0 | | 0.062 |
| Mean | | 3 | 1843 | 547 | | 19,0 | | 0,091 |
| Minimum | | 2 | 585 | 390 | | 17,0 | | 0,039 |
| Maximum | | 5 | 4000 | 755 | | 20,0 | | 0,225 |
| St.Dev | | 1 | 1238 | 125 | | 0,7 | | 0,045 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Karihavet area

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 52,15g
Extra part sample = 55,67g
- 2 Part sample = 61,30g Extra part sample = 50,95g
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 56,02g
Extra part sample = 52,52g
- 4 Part sample = 67,63g Extra part sample 52,38g
- 5 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,92g
Extra part sample = 53,74g
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 51,47g Extra part sample = 67,27g
- 7 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 59,53g
Extra part sample = 59,24g
- 8 Part sample = 55,45g Extra part sample = 50,19g
- 9 Part sample = 57,79g Extra part sample = 54,33g
- 10 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 52,17g
Extra part sample = 65,63g
- 11 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 68,15g
Extra part sample = 83,45g
- 12 Skin with ulceration, lymphocytic areas and/or lesions Part sample = 67,78g
Extra part sample = 67,59g
- 13 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,63g
Extra part sample = 58,16g
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Part sample = 54,67g
Extra part sample = 69,06g
- 15 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 58,28g
Extra part sample = 63,51g
- 16 Part sample = 73,51g Extra part sample = 51,88g
- 17 Part sample = 51,54g Extra part sample 53,33g
- 18 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Part sample = 63,82g
Extra part sample = 87,15g
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 51,73g
Extra part sample = 63,23g
- 20 Part sample = 50,50g Extra part sample = 52,88g
- 21 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 60,16g
Extra part sample = 51,45g
- 22 Part sample = 59,81g Extra part sample = 51,33g
- 23 Part sample = 58,27g Extra part sample = 53,71g
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Age uncertain Part sample = 54,85g
Extra part sample = 50,50g
- 25 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Part sample = 54,14g Extra part sample = 51,61g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20051027** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 620 | 405 | 0,2 | <0.05 | <0.05 | 0.06 | 0.08 | 0.15 | 0.16 | 0.26 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.14 | <0.2 | <0.1 | <0.3 | | |
| 27/ | X | 2 | 865 | 450 | 0,2 | <0.05 | <0.05 | <0.05 | <0.05 | 0.11 | 0.15 | 0.25 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.15 | <0.2 | <0.1 | <0.4 | | |
| 28/ | X | 3 | 1309 | 511 | 0,1 | <0.05 | <0.05 | <0.05 | <0.05 | 0.09 | 0.16 | 0.25 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.17 | <0.2 | <0.1 | <0.4 | | |
| 29/ | X | 4 | 2743 | 642 | 0,3 | <0.05 | <0.05 | 0.06 | <0.05 | 0.1 | 0.17 | 0.26 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.20 | <0.2 | <0.1 | <0.4 | | |
| 30/ | X | 4 | 3677 | 727 | 0,2 | <0.05 | <0.05 | 0.08 | 0.05 | 0.10 | 0.18 | 0.26 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.24 | <0.2 | <0.1 | <0.4 | | |
| Mean | | 3 | 1843 | 547 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,2 | 0,3 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.2 | <<0.1 | <<0.4 | | |
| Minimum | | 2 | 620 | 405 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,1 | <0.2 | <0.1 | <0.3 | | |
| Maximum | | 4 | 3677 | 727 | 0,3 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,2 | <0.2 | <0.1 | <0.4 | | |
| St.Dev | | 1 | 1314 | 134 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,0 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 620 | 405 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 27/ | X | 2 | 865 | 450 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 28/ | X | 3 | 1309 | 511 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 29/ | X | 4 | 2743 | 642 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| 30/ | X | 4 | 3677 | 727 | <0.05 | <0.1 | 0.10 | <0.03 | <0.05 |
| Mean | | 3 | 1843 | 547 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 2 | 620 | 405 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 4 | 3677 | 727 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 1 | 1314 | 134 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Karihavet area

sample no.

- 26 Bulk of NIVA no 8,22,20,25,24 Skin with metacercariae of cf. Cryptocotyle lingua
no 24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 24
- 27 Bulk of NIVA no 2,3,17,16,23 Skin with metacercariae of cf. Cryptocotyle lingua no 3
- 28 Bulk of NIVA no 4,1,10,5,14 Age uncertain 24,25 Skin with metacercariae of cf. Cryptocotyle lingua 1,4,5,14
Liver a/or intestinal guts with larvae of Anisakis simpl.10 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no14
- 29 Bulk of NIVA no 12,19,9,13,7 Skin with ulceration, lymphocytic areas and/or lesions, 12
Skin with metacercariae of cf. Cryptocotyle lingua, 19,13 Liver a/or intestinal guts with larvae of Anisakis simpl., 7
- 30 Bulk of NIVA no 15,21,6,18,11 Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with metacercariae of cf. Cryptocotyle lingua, 6 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods, 18

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20060916** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| | | | | | 0.005 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 5 | 3812 | 730 | | 19,7 | | 0.254 |
| 2/1 | M | 3 | 1618 | 575 | | 17,3 | | 0.117 |
| 3/1 | M | 2 | 1052 | 495 | | 20,3 | | 0.067 |
| 4/1 | F | 2 | 1133 | 495 | | 19,3 | | 0.108 |
| 5/1 | M | 4 | 2573 | 580 | | 15,1 | | 0.257 |
| 6/1 | F | 2 | 1428 | 515 | | 19,6 | | 0.048 |
| 7/1 | F | 5 | 1326 | 548 | | 19,7 | | 0.394 |
| 8/1 | F | 2 | 893 | 443 | | 18,4 | | 0.063 |
| 9/1 | M | 3 | 1608 | 558 | | 18,7 | | 0.106 |
| 10/ | M | 3 | 868 | 473 | | 16,9 | | 0.270 |
| 11/ | F | 2 | 1484 | 418 | | 20,1 | | 0.078 |
| 12/ | F | 3 | 3934 | 700 | | 20,6 | | 0.132 |
| 13/ | F | 3 | 809 | 432 | | 17,7 | | 0.145 |
| 14/ | M | 3 | 688 | 428 | | 19,1 | | 0.041 |
| 15/ | F | 2 | 497 | 472 | | 19,8 | | 0.096 |
| 16/ | M | 2 | 672 | 445 | | 19,4 | | 0.079 |
| 17/ | M | 3 | 2484 | 660 | | 19,8 | | 0.097 |
| 18/ | F | 3 | 2779 | 640 | | 19,1 | | 0.136 |
| 19/ | M | 2 | 689 | 408 | | 19,5 | | 0.034 |
| 20/ | F | 2 | 1543 | 545 | | 19,6 | | 0.088 |
| 21/ | M | 2 | 728 | 435 | | 18,7 | | 0.074 |
| 22/ | F | 2 | 1150 | 505 | | 19,2 | | 0.071 |
| 23/ | M | 2 | 823 | 432 | | 19,4 | | 0.070 |
| 24/ | F | 4 | 2029 | 595 | | 18,3 | | 0.175 |
| 25/ | M | 2 | 1114 | 485 | | 19,3 | | 0.067 |
| Mean | | 3 | 1509 | 520 | | 19,0 | | 0,123 |
| Minimum | | 2 | 497 | 408 | | 15,1 | | 0,034 |
| Maximum | | 5 | 3934 | 730 | | 20,6 | | 0,394 |
| St.Dev | | 1 | 942 | 91 | | 1,2 | | 0,086 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Karihavet area

sample no.

- 1 Part sample = 101,1g Extra sample; 50g from part sample
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 102,0g Extra sample; 50g from part sample
- 3 Part sample = 100,8g Extra sample; 50g from part sample
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 100,2g
Extra sample; 50g from part sample
- 5 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 102,0g
Extra sample; 50g from part sample
- 6 Part sample = 101,8g Extra sample; 50g from part sample
- 7 Skin with metacercariae of cf. *Cryptocotyle lingua* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 101,0g Extra sample; 50g from part sample
- 8 Part sample = 101,8g Extra sample; 50g from part sample
- 9 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Part sample = 104,0g Extra sample; 50g from part sample
- 10 Part sample = 100,6g Extra sample; 50g from part sample
- 11 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 103,6g
Extra sample; 50g from part sample
- 12 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 102,6g
Extra sample; 50g from part sample
- 13 Part sample = 100,6g Extra sample; 50g from part sample
- 14 Part sample = 101,6g Extra sample; 50g from part sample
- 15 Part sample = 100,8g Extra sample; 50g from part sample
- 16 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 101,0g
Extra sample; 50g from part sample
- 17 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 100,6g
Extra sample; 50g from part sample
- 18 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
Part sample = 109,2g Extra sample; 50g from part sample
- 19 Part sample = 101,0g Extra sample; 50g from part sample
- 20 Part sample = 100,6g Extra sample; 50g from part sample
- 21 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 101,6g
Extra sample; 50g from part sample
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 100,4g
Extra sample; 50g from part sample
- 23 Part sample = 100,0g Extra sample; 50g from part sample
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 105,8g Extra sample; 50g from part sample
- 25 Part sample = 101,6g Extra sample; 50g from part sample

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **23B Karihavet area** Latitude: 59°54.0N Longitude: 5°8.0E
 Catch,date : **20060916** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | Calc | Calc | 341 | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 0.1 | 0.2 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 899 | 424 | 0,3 | <0.10 | 0.06 | <0.05 | 0.07 | 0.09 | 0.19 | 0.30 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.14 | <0.1 | <0.2 | <0.05 | | |
| 27/ | X | 2 | 732 | 454 | 0,4 | <0.10 | <0.05 | 0.1 | 0.09 | 0.28 | 0.38 | 0.65 | <0.05 | 0.22 | <0.05 | <2 | <2 | 0.37 | <0.1 | <0.5 | <0.05 | | |
| 28/ | X | 2 | 1175 | 499 | 0,3 | <0.10 | <0.05 | 0.06 | 0.09 | 0.14 | 0.26 | 0.39 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.29 | <0.1 | <0.4 | <0.05 | | |
| 29/ | X | 3 | 1734 | 561 | 0,3 | <0.10 | 0.05 | 0.06 | 0.09 | 0.24 | 0.40 | 0.64 | <0.05 | 0.20 | <0.05 | <2 | <2 | 0.34 | <0.1 | <0.4 | <0.05 | | |
| 30/ | X | 4 | 3008 | 665 | 0,3 | <0.10 | <0.05 | 0.06 | 0.13 | 0.07 | 0.16 | 0.28 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.18 | <0.1 | <0.3 | <0.05 | | |
| Mean | | 3 | 1509 | 520 | 0,3 | <<0.1 | <<0.1 | <0.1 | 0,1 | 0,2 | 0,3 | 0,5 | <<0.1 | <0.1 | <<0.1 | <<1 | <<1 | 0,3 | <<0.1 | <<0.4 | <<0.1 | | |
| Minimum | | 2 | 732 | 424 | 0,3 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,1 | <0.1 | <0.2 | <0.1 | | |
| Maximum | | 4 | 3008 | 665 | 0,4 | <0.1 | 0,1 | 0,1 | 0,1 | 0,3 | 0,4 | 0,7 | <0.1 | 0,2 | <0.1 | <2 | <2 | 0,4 | <0.1 | <0.5 | <0.1 | | |
| St.Dev | | 1 | 920 | 96 | 0,0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,1 | 0,1 | 0,2 | ~0.0 | ~0.1 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.1 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|
| Analysis code => | | | | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.03 | 0.03 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 899 | 424 | <0.1 | <0.03 | <0.03 | <0.05 |
| 27/ | X | 2 | 732 | 454 | <0.2 | 0.08 | 0.09 | <0.05 |
| 28/ | X | 2 | 1175 | 499 | <0.1 | 0.08 | <0.03 | <0.05 |
| 29/ | X | 3 | 1734 | 561 | <0.1 | 0.08 | <0.03 | <0.05 |
| 30/ | X | 4 | 3008 | 665 | <0.1 | 0.10 | <0.03 | <0.05 |
| Mean | | 3 | 1509 | 520 | <<0.1 | <0.1 | <<0.0 | <<0.1 |
| Minimum | | 2 | 732 | 424 | <0.1 | <0.0 | <0.0 | <0.1 |
| Maximum | | 4 | 3008 | 665 | <0.2 | 0,1 | 0,1 | <0.1 |
| St.Dev | | 1 | 920 | 96 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Karihavet area

sample no.

- 26 Bulk NIVA no 19,11,14,13,23 Liver a/or intestinal guts w. larvae of Anisakis simpl.no 11
Bulk part sample NIVA no 19,11,14,13,23
- 27 Bulk NIVA no 21,8,16,15,10 Skin with metacercariae of cf. Cryptocotyle lingua 21,16
Bulk part sample NIVA no 21,8,16,15,10
- 28 Bulk NIVA no 25,3,4,22,6 Skin with metacercariae of cf. Cryptocotyle lingua 22,4
Bulk part sample NIVA no 25,3,4,22,6
- 29 Bulk NIVA no 20,7,9,2,5 net wounds no9 Skin with metacercariae of cf. Cryptocotyle lingua no 7,2,5
Skin a/o oral cavity w.caligif.a/o Lernaepodif.Copepods7,2 Liver with necrotic areas and/or discolouration no9
Liver a/or intestinal guts with larvae of Anisakis simplex 7 Bulk part sample NIVA no 20,7,9,2,5
- 30 Bulk NIVA no 24,18,17,12,1 Skin with metacercariae of cf. Cryptocotyle lingua 24,18,17
Liver a/o intestinal guts w. larv.of Anisakis simpl.24,18,12 Bulk part sample NIVA no 24,18,17,12,1

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **92B Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20041004** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | | 310 | | | |
| Detection limit => | | | | | Mean | | | |
| | | | | | 0.005 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 2 | 1473 | 510 | 50,3 | 21,8 | | 0.053 |
| 2/1 | M | 3 | 1905 | 600 | 50,3 | 19,2 | | 0.079 |
| 3/1 | F | 3 | 1765 | 580 | 50,4 | 20,5 | | 0.043 |
| 4/1 | F | 3 | 1677 | 570 | 51,4 | 19,0 | | 0.047 |
| 5/1 | F | 4 | 2040 | 615 | 50,4 | 20,9 | | 0.052 |
| 6/1 | M | 3 | 1845 | 550 | 50,7 | 20,7 | | 0.046 |
| 7/1 | M | 4 | 2603 | 660 | 51,1 | 19,5 | | 0.044 |
| 8/1 | M | 2 | 1813 | 550 | 50,4 | 19,8 | | 0.055 |
| 9/1 | F | 4 | 2392 | 620 | 50,3 | 20,4 | | 0.031 |
| 10/ | F | 4 | 2019 | 620 | 50,4 | 19,9 | | 0.069 |
| 11/ | M | 2 | 1611 | 510 | 50,7 | 20,6 | | 0.053 |
| 12/ | M | 4 | 1852 | 575 | 50,0 | 20,6 | | 0.075 |
| 13/ | F | 5 | 2040 | 610 | 50,9 | 18,9 | | 0.057 |
| 14/ | M | 5 | 2259 | 580 | 51,3 | 19,6 | | 0.124 |
| 15/ | F | 6 | 3197 | 695 | 50,5 | 19,3 | | 0.068 |
| 16/ | M | 3 | 1578 | 530 | 50,9 | 19,7 | | 0.049 |
| 17/ | M | 4 | 1643 | 545 | 50,6 | 17,9 | | 0.149 |
| 18/ | F | 4 | 2473 | 650 | 50,7 | 20,5 | | 0.061 |
| 19/ | M | 4 | 1977 | 620 | 50,3 | 19,0 | | 0.137 |
| 20/ | F | 6 | 2622 | 670 | 50,0 | 21,1 | | 0.072 |
| 21/ | M | 4 | 3197 | 660 | 50,2 | 20,3 | | 0.058 |
| 22/ | F | 7 | 3445 | 690 | 53,6 | 19,9 | | 0.094 |
| 23/ | F | 5 | 3224 | 670 | 50,5 | 19,8 | | 0.079 |
| 24/ | U | 3 | 3671 | 720 | 50,5 | 20,3 | | 0.050 |
| 25/ | F | 5 | 3091 | 700 | 50,4 | 18,9 | | 0.086 |
| Mean | | 4 | 2296 | 612 | 50,7 | 19,9 | | 0,069 |
| Minimum | | 2 | 1473 | 510 | 50,0 | 17,9 | | 0,031 |
| Maximum | | 7 | 3671 | 720 | 53,6 | 21,8 | | 0,149 |
| St.Dev | | 1 | 659 | 61 | 0,7 | 0,9 | | 0,030 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Stokken area Fish no 1-8 and 16-21 sampled 04-10-2004 at 30m

Fish no 9-15 sampled 06-10-2004 L. 64.10.60 9.54.03 at 45m Fish no 22-25 sampled 11-10-2004 L.64.11.10 9.54.90 at 60m

sample no.

- 1 Muscle with signs of inner bleeding Age uncertain
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 4 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 5 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 6 Age uncertain
- 7 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
- 8 Age uncertain
- 9 Age uncertain
- 10 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex
- 12 Age uncertain
- 13 Age uncertain Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Liver and/or intestinal guts with larvae of Anisakis simplex
Skin a/o oral cavity w.caligiform a/o Lernaeop. copepods
- 14 Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Skin with metacercariae of cf. Cryptocotyle lingua
- 18 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Skin with metacercariae of cf. Cryptocotyle lingua
- 21 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 22 Age uncertain
- 23 Liver and/or intestinal guts with larvae of Anisakis simplex
- 25 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **92B Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20041004** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|------|------|------|--------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | |
| rep F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 26/ X | 3 | 1623 | 529 | 50,6 | 0,3 | <0.05 | miss | miss | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.11 | <0.10 | <0.2 | <0.05 | | |
| 27/ X | 4 | 1879 | 571 | 50,8 | 0,3 | <0.05 | miss | miss | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.13 | <0.10 | <0.2 | <0.05 | | |
| 28/ X | 4 | 2079 | 613 | 50,4 | 0,3 | <0.05 | miss | miss | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.10 | <0.10 | <0.2 | <0.05 | | |
| 29/ X | 4 | 2574 | 652 | 50,5 | 0,2 | <0.05 | miss | miss | <0.05 | 0.05 | 0.08 | 0.06 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.10 | <0.10 | <0.2 | <0.05 | | |
| 30/ X | 5 | 3326 | 695 | 51,1 | 0,2 | <0.05 | miss | miss | <0.05 | <0.05 | 0.06 | 0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.11 | <0.10 | <0.2 | <0.05 | | |
| Mean | 4 | 2296 | 612 | 50,7 | 0,2 | <<0.1 | | | <<0.1 | <<0.1 | 0,1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,1 | <<0.1 | <<0.2 | <<0.1 | | |
| Minimum | 3 | 1623 | 529 | 50,4 | 0,2 | <0.1 | | | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 | | |
| Maximum | 5 | 3326 | 695 | 51,1 | 0,3 | <0.1 | | | <0.1 | | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 | | |
| St.Dev | 1 | 673 | 65 | 0,3 | 0,1 | ~0.0 | | | ~0.0 | ~0.0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(10) ! Missing value

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | |
|--------------------|------|------|------|-------|------|-------|-------|------|--|
| Analysis code => | | | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam:Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | | |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | | |
| 26/ X | 3 | 1623 | 529 | <0.1 | 0.06 | <0.03 | <0.03 | | |
| 27/ X | 4 | 1879 | 571 | <0.1 | 0.10 | <0.03 | <0.03 | | |
| 28/ X | 4 | 2079 | 613 | <0.1 | 0.07 | <0.03 | <0.03 | | |
| 29/ X | 4 | 2574 | 652 | <0.1 | 0.07 | <0.03 | <0.03 | | |
| 30/ X | 5 | 3326 | 695 | <0.1 | 0.06 | <0.03 | <0.03 | | |
| Mean | 4 | 2296 | 612 | <<0.1 | 0,1 | <<0.0 | <<0.0 | | |
| Minimum | 3 | 1623 | 529 | <0.1 | 0,1 | <0.0 | <0.0 | | |
| Maximum | 5 | 3326 | 695 | <0.1 | 0,1 | <0.0 | <0.0 | | |
| St.Dev | 1 | 673 | 65 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

miss(10) ! Missing value

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Comments

Station: Stokken area Fish no 1-8 and 16-21 sampled 04-10-2004 at 30m

Fish no 9-15 sampled 06-10-2004 L. 64.10.60 9.54.03 at 45m Fish no 22-25 sampled 11-10-2004 L.64.11.10 9.54.90 at 60m

sample no.

- 26 Bulk of NIVA no 1,11,16,17,8 Muscle with signs of inner bleeding no 1
Liver a/o intestinal guts w. larvae of Anisakis simplex no11 Skin with metacercariae of cf. Cryptocotyle lingua no 17
- 27 Bulk of NIVA no 6,4,12,3,14 Liver a/o intestinal guts w.larvae of Anisakis simpl.n4,3,14
Skin with metacercariae of cf. Cryptocotyle lingua ,no3
- 28 Bulk of NIVA no 2,5,13,9,10 Signs of net wounds n13 Liver a/o intestinal guts w.larvae:Anisakis simpl.n2,5,10,13
Skin with metacercariae of cf. Cryptocotyle lingua no5,10 Skin a/o oral cavity w.caligiform a/o Lernaeop.copepd.10,13
Liver with necrotic areas and/or discolouration no 13
- 29 Bulk of NIVA no 19,18,7,20,21 Liver with necrotic areas and/or discolouration no18
Signs of mechanical damage (e.g., net wounds) no18 Liver a/o intestinal guts w. larvae:Anisakis simpl.:21,18,19
Skin with metacercariae of cf. Cryptocotyle lingua :n7,20,21
- 30 Bulk of NIVA no 23,22,15,25,24 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 23,25 Skin with metacercariae of cf. Cryptocotyle lingua no25

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **92B Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20051008** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | w.wt | | | | |
| 1/1 | F | 4 | 4250 | 700 | | 20,0 | | 0.056 |
| 2/1 | F | 3 | 3550 | 675 | | 21,0 | | 0.023 |
| 3/1 | F | 3 | 2700 | 630 | | 21,0 | | 0.129 |
| 4/1 | M | 3 | 2500 | 650 | | 20,0 | | 0.055 |
| 5/1 | M | 4 | 2200 | 600 | | 20,0 | | 0.039 |
| 6/1 | M | 4 | 2400 | 575 | | 20,0 | | 0.061 |
| 7/1 | M | 3 | 2600 | 580 | | 21,0 | | 0.037 |
| 8/1 | M | 3 | 2400 | 585 | | 19,0 | | 0.062 |
| 9/1 | M | 3 | 1850 | 545 | | 20,0 | | 0.038 |
| 10/ | M | 2 | 1250 | 485 | | 19,0 | | 0.056 |
| 11/ | F | 3 | 1350 | 500 | | 19,0 | | 0.104 |
| 12/ | F | 2 | 1200 | 475 | | 20,0 | | 0.054 |
| 13/ | F | 2 | 1100 | 460 | | 18,0 | | 0.051 |
| 14/ | M | 3 | 1050 | 430 | | 20,0 | | 0.045 |
| 15/ | F | 3 | 1750 | 520 | | 20,0 | | 0.048 |
| 16/ | F | 3 | 1450 | 500 | | 19,0 | | 0.046 |
| 17/ | F | 4 | 1800 | 575 | | 19,0 | | 0.054 |
| 18/ | F | 2 | 2050 | 540 | | 20,0 | | 0.052 |
| 19/ | F | 4 | 2500 | 605 | | 20,0 | | 0.072 |
| 20/ | F | 4 | 3000 | 655 | | 19,0 | | 0.061 |
| 21/ | F | 4 | 1150 | 495 | | 19,0 | | 0.016 |
| 22/ | F | 3 | 1400 | 485 | | 21,0 | | 0.056 |
| 23/ | M | 3 | 1350 | 505 | | 20,0 | | 0.028 |
| 24/ | F | 4 | 3800 | 680 | | 21,0 | | 0.042 |
| 25/ | F | 5 | 3800 | 615 | | 22,0 | | 0.056 |
| Mean | | 3 | 2178 | 563 | | 19,9 | | 0,054 |
| Minimum | | 2 | 1050 | 430 | | 18,0 | | 0,016 |
| Maximum | | 5 | 4250 | 700 | | 22,0 | | 0,129 |
| St.Dev | | 1 | 938 | 76 | | 0,9 | | 0,023 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Stokken area Fish no 1-20 sampled 27.09.2005 36m
Fish no 21-25 sampled 8.10.2005 28m water temp.10.3 C

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 53,06g
- 2 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 51,09g
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 50,63g
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 55,05g
- 5 Part sample = 54,1g
- 6 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 55,9g
- 7 Part sample = 54,52g
- 8 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 54,34g
- 9 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 53,94g
- 10 Part sample = 54,28g
- 11 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 51,58g
- 12 Part sample = 54,26g
- 13 Part sample = 56,07g
- 14 Signs of mechanical damage (e.g., net wounds) Part sample = 50,66g
- 15 Part sample = 51,78g
- 16 Signs of mechanical damage (e.g., net wounds) Part sample =51,68g
- 17 Part sample = 52,99g
- 18 Part sample = 52,48g
- 19 Part sample = 51,24g
- 20 Part sample = 51,85g
- 21 Part sample = 52,04g
- 22 Part sample = 42,85g
- 23 Part sample = 51,74g
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 54,29g
- 25 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 52,04g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **92B Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20051008** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 1200 | 467 | 0,3 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 27/ | X | 3 | 1410 | 504 | 0,2 | <0.05 | <0.05 | 0.09 | <0.05 | 0.06 | 0.1 | 0.16 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.17 | <0.2 | <0.1 | <0.4 |
| 28/ | X | 3 | 2140 | 563 | 0,5 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.1 | <0.2 | <0.1 | <0.3 |
| 29/ | X | 4 | 2720 | 607 | 0,1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.1 | <0.2 | <0.1 | <0.3 |
| 30/ | X | 4 | 3420 | 672 | 0,3 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.12 | <0.2 | <0.1 | <0.3 |
| Mean | | 3 | 2178 | 563 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.2 | <<0.1 | <<0.3 |
| Minimum | | 2 | 1200 | 467 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | <0.2 | <0.1 | <0.3 |
| Maximum | | 4 | 3420 | 672 | 0,5 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,2 | <0.2 | <0.1 | <0.4 |
| St.Dev | | 1 | 920 | 81 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 1200 | 467 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 27/ | X | 3 | 1410 | 504 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 28/ | X | 3 | 2140 | 563 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 29/ | X | 4 | 2720 | 607 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 30/ | X | 4 | 3420 | 672 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| Mean | | 3 | 2178 | 563 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 2 | 1200 | 467 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 4 | 3420 | 672 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 1 | 920 | 81 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Stokken area Fish no 1-20 sampled 27.09.2005 36m
 Fish no 21-25 sampled 8.10.2005 28m water temp.10.3 C
 sample no.
 26 Bulk of NIVA no 14,13,12,10,22
 27 Bulk of NIVA no 21,16,11,23,15 Liver a/or intestinal guts with larvae of Anisakis simpl. 11
 28 Bulk of NIVA no 18,9,17,6,7 Liver and/or intestinal guts with larvae of Anisakis simplex no9,6
 29 Bulk of NIVA no8,5,19,25,3 Liver and/or intestinal guts with larvae of Anisakis simplex no 8,25 Skin with metacercariae of cf. Cryptocotyle lingua no 3
 30 Bulk of NIVA no 4,20,2,24,1 Liver and/or intestinal guts with larvae of Anisakis simplex no 4,24,1 Skin with metacercariae of cf. Cryptocotyle lingua no 4,1

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20021222** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
|-------------|-----|------|------|------|--------|------|-----|-------|
| rep F/M | | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 4 | 1756 | 560 | 53,3 | 21,9 | | 0.075 |
| 2/1 | M | 6 | 3416 | 720 | 51,3 | 19,9 | | 0.109 |
| 3/1 | F | 6 | 3663 | 690 | 54,9 | 21,2 | | 0.064 |
| 4/1 | M | 6 | 3049 | 640 | 50,9 | 19,5 | | 0.151 |
| 5/1 | M | 4 | 2067 | 590 | 50,0 | 20,5 | | 0.065 |
| 6/1 | F | 6 | 3036 | 640 | 52,5 | 19,5 | | 0.047 |
| 7/1 | M | 5 | 2262 | 580 | 50,7 | 20,4 | | 0.042 |
| 8/1 | M | 5 | 3483 | 680 | 53,9 | 19,4 | | 0.088 |
| 9/1 | M | 7 | 4219 | 700 | 56,7 | 19,6 | | 0.044 |
| 10/ | M | 4 | 2051 | 570 | 55,2 | 20,7 | | 0.070 |
| 11/ | F | 5 | 2150 | 640 | 62,2 | 20,4 | | 0.041 |
| 12/ | M | 6 | 3245 | 670 | 62,1 | 19,5 | | 0.067 |
| 13/ | F | 5 | 3055 | 650 | 57,9 | 20,1 | | 0.032 |
| 14/ | F | 6 | 3354 | 670 | 81,9 | 17,7 | | 0.064 |
| 15/ | F | 6 | 3681 | 640 | 61,2 | 20,9 | | 0.046 |
| 16/ | F | 8 | 4596 | 720 | 55,6 | 18,9 | | 0.035 |
| 17/ | M | 3 | 1127 | 520 | 52,5 | 22,6 | | 0.031 |
| 18/ | F | 4 | 2211 | 600 | 54,7 | 21,2 | | 0.044 |
| 19/ | M | 4 | 2934 | 610 | 55,1 | 20,3 | | 0.047 |
| 20/ | F | 6 | 3303 | 660 | 52,6 | 20,8 | | 0.131 |
| 21/ | M | 6 | 3654 | 710 | 64,7 | 19,7 | | 0.055 |
| 22/ | M | 5 | 3429 | 680 | 58,3 | 19,9 | | 0.043 |
| 23/ | M | 6 | 3716 | 660 | 53,5 | 20,0 | | 0.038 |
| 24/ | M | 5 | 2862 | 640 | 56,0 | 18,7 | | 0.060 |
| 25/ | F | 10 | 5110 | 780 | 70,0 | 21,2 | | 0.047 |
| Mean | | 6 | 3097 | 649 | 57,1 | 20,2 | | 0,061 |
| Minimum | | 3 | 1127 | 520 | 50,0 | 17,7 | | 0,031 |
| Maximum | | 10 | 5110 | 780 | 81,9 | 22,6 | | 0,151 |
| St.Dev | | 1 | 906 | 58 | 7,1 | 1,0 | | 0,030 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Lille Molla Fished between 15.-22. des 2002

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Liver and/or intestinal guts with larvae of Anisakis simplex
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 6 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex
- 8 Liver and/or intestinal guts with larvae of Anisakis simplex
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 13 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver and/or intestinal guts with larvae of Anisakis simplex
- 17 Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Liver and/or intestinal guts with larvae of Anisakis simplex
- 21 Liver and/or intestinal guts with larvae of Anisakis simplex
- 22 Skin and/or oral cavity with caligiform and/or Lernaepodiform copepods
- 24 Liver and/or intestinal guts with larvae of Anisakis simplex

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20021222** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|--------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | M | 4 | 1853 | 564 | 52,3 | 0,3 | <0.05 | miss | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 27/ | X | 5 | 2676 | 626 | 55,1 | 0,3 | <0.05 | miss | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 28/ | X | 6 | 3323 | 650 | 56,2 | 0,4 | <0.05 | miss | 0.11 | <0.05 | 0.07 | 0.09 | 0.10 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 29/ | X | 6 | 3435 | 678 | 62,2 | 0,3 | <0.05 | miss | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 30/ | X | 7 | 4199 | 726 | 59,7 | 0,3 | <0.05 | miss | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| Mean | | 6 | 3097 | 649 | 57,1 | 0,3 | <<0.1 | | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | | 4 | 1853 | 564 | 52,3 | 0,3 | <0.1 | | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | | 7 | 4199 | 726 | 62,2 | 0,4 | <0.1 | | 0,1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| St.Dev | | 1 | 881 | 60 | 3,9 | 0,0 | ~0.0 | | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|------|-------|-------|--|
| Analysis code => | | | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 26/ | M | 4 | 1853 | 564 | <0.1 | 0.07 | <0.03 | <0.03 | |
| 27/ | X | 5 | 2676 | 626 | <0.1 | 0.07 | <0.03 | <0.03 | |
| 28/ | X | 6 | 3323 | 650 | <0.1 | 0.05 | <0.03 | <0.03 | |
| 29/ | X | 6 | 3435 | 678 | <0.1 | 0.08 | <0.03 | <0.03 | |
| 30/ | X | 7 | 4199 | 726 | <0.1 | 0.09 | <0.03 | <0.03 | |
| Mean | | 6 | 3097 | 649 | <<0.1 | 0,1 | <<0.0 | <<0.0 | |
| Minimum | | 4 | 1853 | 564 | <0.1 | 0,1 | <0.0 | <0.0 | |
| Maximum | | 7 | 4199 | 726 | <0.1 | 0,1 | <0.0 | <0.0 | |
| St.Dev | | 1 | 881 | 60 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(5) ! Missing value

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Comments

Station: Lille Molla Fished between 15.-22. des 2002

sample no.

- 26 Bulk of NIVA no 17,1,10,7,5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 27 Bulk of NIVA no 18,19,4,6,11 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 6,19
- 28 Bulk of NIVA no 15,24,13,20,23 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 13,20,24
- 29 Bulk of NIVA no 12,14,8,22,3 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no 22 Liver a/o intestinal guts w. larvae of Anisakis simpl.no3,8
- 30 Bulk of NIVA no 9,21,2,16,25 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 2,9,16,21 Liver with necrotic areas and/or discolouration no16
Signs of mechanical damage (e.g., net wounds) no16

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20031231** Count: 21 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght g | Lngr mm | weight g | Dry % | Fat % | HG ppm | NIVA |
|-------------|-----|-----|--------|---------|----------|-------|-------|--------|-------|
| | | | | | Mean | | | | 310 |
| | | | | | | | | | 0.005 |
| | | | | | | | | | |
| 1/1 | M | 3 | 1338 | 505 | 50,4 | 20,5 | | 0.041 | |
| 2/1 | M | 3 | 1651 | 530 | 50,2 | 19,9 | | 0.104 | |
| 3/1 | F | 3 | 2929 | 610 | 51,7 | 21,0 | | 0.063 | |
| 4/1 | F | 4 | 2488 | 590 | 50,9 | 20,7 | | 0.055 | |
| 5/1 | M | 5 | 3023 | 680 | 50,5 | 19,5 | | 0.038 | |
| 6/1 | F | 5 | 2747 | 615 | 50,5 | 20,1 | | 0.071 | |
| 7/1 | M | 4 | 3307 | 680 | 50,7 | 19,1 | | 0.040 | |
| 8/1 | M | 4 | 3024 | 655 | 50,8 | 19,2 | | 0.166 | |
| 9/1 | F | 5 | 3715 | 720 | 50,2 | 19,2 | | 0.069 | |
| 10/ | M | 5 | 2286 | 610 | 50,5 | 18,5 | | 0.162 | |
| 11/ | M | 4 | 3017 | 640 | 50,6 | 20,7 | | 0.078 | |
| 12/ | M | 4 | 3004 | 670 | 50,6 | 20,6 | | 0.073 | |
| 13/ | M | 6 | 3284 | 680 | 50,5 | 20,6 | | 0.046 | |
| 14/ | M | 5 | 2932 | 630 | 50,9 | 19,5 | | 0.051 | |
| 15/ | F | 4 | 3346 | 665 | 50,8 | 19,5 | | 0.079 | |
| 16/ | F | 6 | 3450 | 660 | 50,6 | 17,7 | | 0.129 | |
| 17/ | M | 7 | 4400 | 705 | 50,5 | 19,4 | | 0.055 | |
| 18/ | M | 4 | 3250 | 655 | 50,2 | 20,0 | | 0.062 | |
| 19/ | M | 5 | 4250 | 765 | 50,4 | 21,4 | | 0.037 | |
| 20/ | F | 4 | 4000 | 685 | 50,5 | 23,2 | | 0.064 | |
| 21/ | M | 5 | 3750 | 710 | 50,6 | 19,6 | | 0.076 | |
| Mean | | 5 | 3104 | 650 | 50,6 | 20,0 | | 0,074 | |
| Minimum | | 3 | 1338 | 505 | 50,2 | 17,7 | | 0,037 | |
| Maximum | | 7 | 4400 | 765 | 51,7 | 23,2 | | 0,166 | |
| St.Dev | | 1 | 754 | 61 | 0,3 | 1,1 | | 0,037 | |
| Count | | 21 | 21 | 21 | 21 | 21 | | 21 | |

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Comments

Station: Lille Molla Fish sampled in dec.2003

sample no.

- 1 Age uncertain
- 2 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with metacercariae of cf. Cryptocotyle lingua
- 4 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
- 6 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
- 7 Gills with Lernaeocera copepods Liver and/or intestinal guts with larvae of Anisakis simplex
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with metacercariae of cf. Cryptocotyle lingua
- 14 Age uncertain
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Gills with Lernaeocera copepods
- 17 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex
- 18 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Gills with Lernaeocera copepods
- 21 Age uncertain Skin with metacercariae of cf. Cryptocotyle lingua
Liver and/or intestinal guts with larvae of Anisakis simplex

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch, date : **20031231** Count: 21 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 22/ | X | 4 | 2138 | 569 | 50,7 | | 0,3 | <0.05 | <0.05 | 0.09 | <0.05 | 0.05 | 0.07 | 0.09 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.12 | <0.07 | <0.2 | <0.05 |
| 23/ | X | 4 | 2994 | 639 | 50,6 | | 0,3 | <0.05 | <0.05 | 0.12 | <0.05 | 0.08 | 0.10 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.20 | <0.07 | <0.3 | <0.05 |
| 24/ | X | 5 | 3226 | 671 | 50,6 | | 0,3 | <0.05 | 0.07 | 0.11 | <0.05 | <0.05 | 0.07 | 0.07 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.12 | <0.07 | <0.2 | <0.05 |
| 25/ | X | 5 | 3830 | 700 | 50,5 | | 0,3 | <0.05 | <0.05 | 0.11 | <0.05 | <0.05 | 0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.12 | <0.07 | <0.2 | <0.05 |
| Mean | | 5 | 3047 | 645 | 50,6 | | 0,3 | <<0.1 | <<0.1 | 0,1 | <<0.1 | <<0.1 | 0,1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,1 | <<0.1 | <<0.2 | <<0.1 |
| Minimum | | 4 | 2138 | 569 | 50,5 | | 0,3 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 |
| Maximum | | 5 | 3830 | 700 | 50,7 | | 0,3 | <0.1 | 0,1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.1 | <0.3 | <0.1 |
| St.Dev | | 1 | 701 | 56 | 0,1 | | 0,0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.1 | ~0.0 |
| Count | | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|------|-------|-------|--|
| Analysis code => | | | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | |
| 22/ | X | 4 | 2138 | 569 | <0.1 | 0.09 | <0.03 | <0.03 | |
| 23/ | X | 4 | 2994 | 639 | <0.1 | 0.11 | <0.03 | <0.03 | |
| 24/ | X | 5 | 3226 | 671 | <0.1 | 0.09 | <0.03 | <0.03 | |
| 25/ | X | 5 | 3830 | 700 | <0.1 | 0.09 | <0.03 | <0.03 | |
| Mean | | 5 | 3047 | 645 | <<0.1 | 0,1 | <<0.0 | <<0.0 | |
| Minimum | | 4 | 2138 | 569 | <0.1 | 0,1 | <0.0 | <0.0 | |
| Maximum | | 5 | 3830 | 700 | <0.1 | 0,1 | <0.0 | <0.0 | |
| St.Dev | | 1 | 701 | 56 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |

Comments

Station: Lille Molla Fish sampled in dec.2003

sample no.

- 22 Bulk of NIVA no 1,2,4,3,10 Liver and/or intestinal guts with larvae of Anisakis simplex
no 2,4,10 Skin with metacercariae of cf. Cryptocotyle lingua no2,4
- 23 Bulk of NIVA no 6,14,11,8,18 Liver and/or intestinal guts with larvae of Anisakis simplex
no 6,11,18 Skin with metacercariae of cf. Cryptocotyle lingua n.6,18
- 24 Bulk of NIVA no 16,15,12,5,7 Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with metacercariae of cf. Cryptocotyle lingua no5,15,16 Gills with Lernaocera copepods no7
- 25 Bulk of NIVA no 13,20,17,21,9 Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with metacercariae of cf. Cryptocotyle lingua 13,17,21 Gills with Lernaocera copepods no 20

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20041030** Count: 25 Sample type: **Individual**

| Sam- rep no. | Sex F/M | Age year | Wght g | Lngr mm | weight g | Dry % | Fat % | NIVA HG ppm w.wt |
|--------------------|------------|-------------|-----------|------------|-------------|----------|----------|---------------------------|
| 1/1 | M | 7 | 4250 | 780 | 50,4 | 21,5 | | 310 |
| 2/1 | F | 4 | 2320 | 630 | 50,2 | 22,1 | | 0.005 |
| 3/1 | F | 6 | 3950 | 750 | 50,1 | 22,6 | | 0.084 |
| 4/1 | F | 5 | 3150 | 710 | 52,3 | 22,3 | | 0.119 |
| 5/1 | F | 4 | 1565 | 570 | 51,3 | 22,2 | | 0.084 |
| 6/1 | M | 4 | 820 | 470 | 50,3 | 19,8 | | 0.080 |
| 7/1 | F | 5 | 980 | 500 | 50,2 | 20,1 | | 0.101 |
| 8/1 | M | 3 | 675 | 420 | 50,5 | 21,9 | | 0.039 |
| 9/1 | M | 4 | 828 | 440 | 50,7 | 18,6 | | 0.202 |
| 10/ | M | 4 | 226 | 300 | 30,5 | 17,9 | | 0.117 |
| 11/ | F | 6 | 2400 | 680 | 53,9 | 16,1 | | 0.224 |
| 12/ | F | 8 | 9250 | 960 | 52,0 | 16,9 | | 0.284 |
| 13/ | F | 7 | 4750 | 820 | 50,8 | 19,6 | | 0.120 |
| 14/ | F | 5 | 3000 | 610 | 50,2 | 20,1 | | 0.097 |
| 15/ | M | 7 | 4000 | 790 | 50,7 | 18,9 | | 0.201 |
| 16/ | M | 7 | 4400 | 760 | 50,6 | 17,9 | | 0.143 |
| 17/ | F | 7 | 4000 | 750 | 50,4 | 20,7 | | 0.062 |
| 18/ | F | 5 | 2000 | 620 | 50,6 | 19,0 | | 0.212 |
| 19/ | F | 7 | 9000 | 930 | 55,8 | 20,5 | | 0.247 |
| 20/ | F | 8 | 9300 | 910 | 51,6 | 20,8 | | 0.192 |
| 21/ | M | 7 | 5000 | 850 | 50,3 | 18,9 | | 0.259 |
| 22/ | M | 8 | 5200 | 780 | 50,3 | 19,7 | | 0.094 |
| 23/ | M | 5 | 3700 | 710 | 51,6 | 22,7 | | 0.064 |
| 24/ | F | 5 | 3250 | 670 | 50,0 | 20,6 | | 0.052 |
| 25/ | F | 5 | 4100 | 770 | 51,2 | 20,7 | | 0.062 |
| Mean | | 6 | 3685 | 687 | 50,3 | 20,1 | | 0,134 |
| Minimum | | 3 | 226 | 300 | 30,5 | 16,1 | | 0,039 |
| Maximum | | 8 | 9300 | 960 | 55,8 | 22,7 | | 0,284 |
| St.Dev | | 1 | 2531 | 167 | 4,3 | 1,8 | | 0,074 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Lille Molla

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 2 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 3 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 5 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 7 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 9 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 10 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 11 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
- 13 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 14 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 15 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 16 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 18 Age uncertain Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 19 Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 20 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 21 Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods
- 23 Skin and/or oral cavity with caligiform and/or *Lernaeopodiform* copepods
Liver and/or intestinal guts with larvae of *Anisakis simplex* Skin with metacercariae of cf. *Cryptocotyle lingua*
- 24 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
- 25 Skin with metacercariae of cf. *Cryptocotyle lingua*

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20041030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 4 | 706 | 426 | 46,4 | | 0,2 | <0.05 | miss | miss | <0.05 | 0.09 | 0.21 | 0.32 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.21 | <0.10 | <0.3 | <0.05 | |
| 27/ | F | 5 | 2427 | 620 | 50,5 | | 0,2 | <0.05 | miss | miss | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.10 | <0.10 | <0.2 | <0.05 | |
| 28/ | X | 6 | 3440 | 720 | 51,7 | | 0,1 | <0.05 | miss | miss | <0.05 | 0.06 | 0.10 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.24 | <0.10 | <0.3 | <0.05 | |
| 29/ | X | 7 | 4390 | 776 | 50,6 | | 0,2 | <0.05 | miss | miss | <0.05 | 0.06 | 0.07 | 0.06 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.21 | <0.10 | <0.3 | <0.05 | |
| 30/ | X | 7 | 7460 | 894 | 52,1 | | 0,2 | <0.05 | miss | miss | <0.05 | 0.08 | 0.10 | 0.09 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.34 | <0.10 | <0.4 | <0.05 | |
| Mean | | 6 | 3685 | 687 | 50,3 | | 0,2 | <<0.1 | | | <<0.1 | <0.1 | 0,1 | <0.1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,2 | <<0.1 | <<0.3 | <<0.1 | |
| Minimum | | 4 | 706 | 426 | 46,4 | | 0,1 | <0.1 | | | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | <0.1 | |
| Maximum | | 7 | 7460 | 894 | 52,1 | | 0,2 | <0.1 | | | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.1 | <0.4 | <0.1 | |
| St.Dev | | 1 | 2513 | 176 | 2,2 | | 0,0 | ~0.0 | | | ~0.0 | ~0.0 | 0,1 | ~0.1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 4 | 706 | 426 | <0.1 | 0.05 | <0.03 | <0.03 |
| 27/ | F | 5 | 2427 | 620 | <0.1 | 0.07 | <0.03 | <0.03 |
| 28/ | X | 6 | 3440 | 720 | <0.1 | 0.08 | <0.03 | <0.03 |
| 29/ | X | 7 | 4390 | 776 | <0.1 | 0.13 | <0.03 | <0.03 |
| 30/ | X | 7 | 7460 | 894 | <0.1 | 0.14 | <0.03 | <0.03 |
| Mean | | 6 | 3685 | 687 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 4 | 706 | 426 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 7 | 7460 | 894 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 2513 | 176 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(10) ! Missing value

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Comments

Station: Lille Molla

sample no.

- 26 Bulk of NIVA no 10,8,9,6,7 Skin with metacercariae of cf. Cryptocotyle lingua no 6,10
Liver and/or intestinal guts with larvae of Anisakis simplex no 7,9
- 27 Bulk of NIVA no 5,14,18,2,24 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 5,14,18,24 Skin with metacercariae of cf. Cryptocotyle lingua no2,10
- 28 Bulk of NIVA no 11,4,23,3,17 Skin with metacercariae of cf. Cryptocotyle lingua no 3,4,23
Liver a/o intestinal guts w. larvae of Anisakis simpl.n 3,23 Liver w.necrotic areas a/o discolourat.Signs of net wounds11
Skin a/o oral cavity w.caligiform a/o Lernaeopodif.Copep.23
- 29 Bulk of NIVA no 16,25,1,22,15 Skin with metacercariae of cf. Cryptocotyle lingua no1,15,25
Liver a/o intestinal guts w.larvae of Anisakis simpl:1,15,16 Skin a/o oral cavity w.caligiform a/o Lernaeopod.copep.no15
- 30 Bulk of NIVA no 13,21,20,19,12 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no13,20,21 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 13,19,20,21

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20060228** Count: 25 Sample type: **Individual**

| Sam- rep no. | Sex F/M | Age year | Wght g | Lngr mm | weight g | Dry % | Fat % | HG ppm w.wt | NIVA 310 0.005 |
|--------------------|------------|-------------|-----------|------------|-------------|----------|----------|-------------------|----------------------|
| 1/1 | M | 2 | 1242 | 490 | | 20,0 | | 0.035 | |
| 2/1 | M | 5 | 1381 | 485 | | 20,0 | | 0.053 | |
| 3/1 | M | 5 | 1473 | 500 | | 20,0 | | 0.045 | |
| 4/1 | M | 3 | 1828 | 505 | | 21,0 | | 0.103 | |
| 5/1 | M | 4 | 1553 | 510 | | 19,0 | | 0.052 | |
| 6/1 | M | 5 | 1696 | 510 | | 20,0 | | 0.049 | |
| 7/1 | M | 4 | 1477 | 520 | | 22,0 | | 0.052 | |
| 8/1 | M | 5 | 1523 | 515 | | 20,0 | | 0.074 | |
| 9/1 | M | 4 | 1697 | 530 | | 21,0 | | 0.062 | |
| 10/ | M | 4 | 1726 | 540 | | 20,0 | | 0.089 | |
| 11/ | M | 4 | 1829 | 535 | | 20,0 | | 0.057 | |
| 12/ | M | 4 | 1757 | 545 | | 19,0 | | 0.077 | |
| 13/ | M | 4 | 1920 | 550 | | 20,0 | | 0.059 | |
| 14/ | M | 5 | 1881 | 560 | | 19,0 | | 0.157 | |
| 15/ | M | 5 | 1874 | 550 | | 21,0 | | 0.067 | |
| 16/ | M | 4 | 1877 | 555 | | 20,0 | | 0.051 | |
| 17/ | M | 5 | 1893 | 560 | | 21,0 | | 0.051 | |
| 18/ | M | 4 | 1906 | 555 | | 20,0 | | 0.035 | |
| 19/ | M | 5 | 1901 | 570 | | 20,0 | | 0.077 | |
| 20/ | M | 5 | 2339 | 570 | | 20,0 | | 0.081 | |
| 21/ | M | 4 | 2059 | 590 | | 21,0 | | 0.043 | |
| 22/ | M | 5 | 1946 | 585 | | 19,0 | | 0.081 | |
| 23/ | F | 5 | 2448 | 610 | | 20,0 | | 0.051 | |
| 24/ | M | 5 | 2258 | 585 | | 20,0 | | 0.083 | |
| 25/ | F | 6 | 2050 | 600 | | 20,0 | | 0.060 | |
| Mean | | 4 | 1821 | 545 | | 20,1 | | 0,066 | |
| Minimum | | 2 | 1242 | 485 | | 19,0 | | 0,035 | |
| Maximum | | 6 | 2448 | 610 | | 22,0 | | 0,157 | |
| St.Dev | | 1 | 288 | 35 | | 0,7 | | 0,026 | |
| Count | | 25 | 25 | 25 | | 25 | | 25 | |

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Comments

Station: Lille Molla Fish sampled in febr.2006

sample no.

- 1 Part sample = 50,2g Extra part sample = 50,2g
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,3g
Extra part sample = 50,5g
- 3 Part sample = 50,7g Extra part sample = 50,2g
- 4 Part sample = 50,0g Extra part sample = 50,6g
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 51,0g
Extra part sample = 50,8g
- 6 Part sample = 50,5g Extra part sample = 50,4g
- 7 Part sample = 50,2g Extra part sample = 50,5g
- 8 Part sample = 50,4g Extra part sample = 51,0g
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,7g
Extra part sample = 51,1g
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,5g
Extra part sample = 51,0g
- 11 Part sample = 51,4g Extra part sample = 50,6g
- 12 Part sample = 50,5g Extra part sample = 50,9g
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 51,4g
Extra part sample = 51,0g
- 14 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 51,0g
Extra part sample = 50,7g
- 15 Skin with metacercariae of cf. Cryptocotyle lingua Part sample = 50,17g
Extra part sample = 50,52g
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,46g
Extra part sample = 50,8g
- 17 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Part sample = 50,38g Extra part sample = 50,26g
- 18 Part sample = 50,1g Extra part sample = 50,57g
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,02g
Extra part sample = 50,14g
- 20 Skin with metacercariae of cf. Cryptocotyle lingua Age uncertain
Part sample = 50,8g Extra part sample = 50,39g
- 21 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,91g
Extra part sample = 50,46g
- 22 Skin with metacercariae of cf. Cryptocotyle lingua Liver and/or intestinal guts with larvae of Anisakis simplex
Part sample = 50,38g Extra part sample = 50,85g
- 23 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,71g
Extra part sample = 50,69g
- 24 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,1g
Extra part sample = 50,15g
- 25 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Part sample = 50,69g Extra part sample = 50,21g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20060228** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 340 | 341 | 341 | 341 |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.05 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTTP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | M | 4 | 1496 | 498 | 0,3 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.1 | <0.1 | <0.07 | <0.2 | |
| 27/ | M | 4 | 1624 | 523 | 0,2 | <0.05 | <0.05 | <0.08 | <0.05 | <0.05 | 0.06 | 0.11 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.07 | <0.1 | <0.07 | <0.2 | | |
| 28/ | M | 4 | 1852 | 548 | 0,2 | <0.05 | <0.05 | <0.08 | <0.05 | 0.09 | 0.13 | 0.21 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.14 | <0.1 | <0.07 | <0.2 | | |
| 29/ | M | 5 | 1983 | 562 | 0,2 | <0.05 | <0.05 | <0.10 | <0.05 | 0.07 | 0.09 | 0.15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.14 | <0.1 | <0.07 | <0.2 | | |
| 30/ | X | 5 | 2152 | 594 | 0,3 | <0.05 | <0.05 | <0.06 | <0.05 | 0.08 | 0.12 | 0.17 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.17 | <0.1 | <0.07 | <0.3 | | |
| Mean | | 4 | 1821 | 545 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,1 | <<0.1 | <<0.1 | <<0.2 | |
| Minimum | | 4 | 1496 | 498 | 0,2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.1 | <0.2 | |
| Maximum | | 5 | 2152 | 594 | 0,3 | <0.1 | <0.1 | <0.1 | <0.1 | | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.1 | <0.1 | <0.3 | |
| St.Dev | | 0 | 265 | 37 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | M | 4 | 1496 | 498 | <0.05 | <0.1 | 0.11 | <0.02 | <0.05 |
| 27/ | M | 4 | 1624 | 523 | <0.05 | <0.1 | 0.11 | <0.02 | <0.05 |
| 28/ | M | 4 | 1852 | 548 | <0.05 | <0.1 | 0.12 | <0.02 | <0.05 |
| 29/ | M | 5 | 1983 | 562 | <0.05 | <0.1 | 0.11 | <0.02 | <0.05 |
| 30/ | X | 5 | 2152 | 594 | <0.05 | <0.1 | 0.13 | <0.02 | <0.05 |
| Mean | | 4 | 1821 | 545 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 4 | 1496 | 498 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 5 | 2152 | 594 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 0 | 265 | 37 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Lille Molla Fish sampled in febr.2006

sample no.

- 26 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 2,5
- 27 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
no 9,10
- 28 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
no 13,14 Skin with metacercariae of cf. Cryptocotyle lingua no15
- 29 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 16,17,19 Skin with metacercariae of cf. Cryptocotyle lingua
no 17,20
- 30 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with metacercariae of cf. Cryptocotyle lingua no22

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.44N Longitude: 14°50.13
 Catch,date : **20061129** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | |
|-----------------------|-----|------|----------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | |
| Detection limit => | | | | Mean | | | |
| Sam:Sex Age Wght Lngt | | | | weight | Dry | Fat | HG |
| rep | F/M | year | g mm | g | % | % | ppm |
| no. | | | | w.wt | | | |
| 1/1 | M | 4 | 2200 570 | | 22,0 | | 0.092 |
| 2/1 | M | 3 | 2290 640 | | 17,0 | | 0.057 |
| 3/1 | F | 4 | 2050 610 | | 19,0 | | 0.047 |
| 4/1 | F | 5 | 3950 670 | | 21,0 | | 0.083 |
| 5/1 | M | 3 | 1900 530 | | 21,0 | | 0.031 |
| 6/1 | F | 3 | 2800 660 | | 21,0 | | 0.071 |
| 7/1 | F | 3 | 2300 570 | | 22,0 | | 0.048 |
| 8/1 | M | 4 | 2400 620 | | 22,0 | | 0.081 |
| 9/1 | F | 3 | 1800 530 | | 18,0 | | 0.042 |
| 10/ | F | 3 | 1540 550 | | 21,0 | | 0.085 |
| 11/ | M | 4 | 2050 570 | | 20,0 | | 0.078 |
| 12/ | M | 3 | 1750 510 | | 20,0 | | 0.054 |
| 13/ | M | 4 | 1832 550 | | 19,0 | | 0.098 |
| 14/ | M | 3 | 1743 560 | | 19,0 | | 0.052 |
| 15/ | M | 4 | 2014 560 | | 21,0 | | 0.045 |
| 16/ | M | 4 | 2190 640 | | 20,0 | | 0.063 |
| 17/ | F | 4 | 2496 645 | | 18,0 | | 0.151 |
| 18/ | M | 3 | 1921 580 | | 22,0 | | 0.060 |
| 19/ | M | 5 | 1787 575 | | 19,0 | | 0.091 |
| 20/ | F | 3 | 1980 550 | | 20,0 | | 0.131 |
| 21/ | M | 5 | 1900 580 | | 19,0 | | 0.140 |
| 22/ | M | 5 | 1840 530 | | 20,0 | | 0.088 |
| 23/ | M | 4 | 2180 590 | | 19,0 | | 0.066 |
| 24/ | F | 3 | 1580 520 | | 21,0 | | 0.086 |
| 25/ | M | 4 | 1850 560 | | 20,0 | | 0.063 |
| Mean | | 4 | 2094 579 | | 20,0 | | 0,076 |
| Minimum | | 3 | 1540 510 | | 17,0 | | 0,031 |
| Maximum | | 5 | 3950 670 | | 22,0 | | 0,151 |
| St.Dev | | 1 | 484 45 | | 1,4 | | 0,030 |
| Count | | 25 | 25 25 | | 25 | | 25 |

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Comments

Station: Bjørnerøya (east) Fish 1-12 sampled 29.nov.2006
Fish 13-25 sampled 14.dec.2006

sample no.

- 1 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 100,6g
- 2 Age uncertain Part sample = 101,0g
- 3 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua*
Part sample = 102,93g
- 4 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 107,97g
- 5 Liver and/or intestinal guts with larvae of *Anisakis simplex* Age uncertain
Part sample = 101,83g
- 6 Skin with metacercariae of cf. *Cryptocotyle lingua* Age uncertain
Part sample = 101,5g
- 7 Age uncertain Part sample = 102,65g
- 8 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Age uncertain Part sample = 100,87g
- 9 Part sample = 102,39g
- 10 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 101,12g
- 11 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 101,07g
- 12 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 102,08g
- 13 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 102,0g
- 14 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 100,71g
- 15 Age uncertain Part sample = 101,9g
- 16 Part sample = 101,3g
- 17 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 100,7g
- 18 Skin with metacercariae of cf. *Cryptocotyle lingua* Part sample = 103,69g
- 19 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
Age uncertain Part sample = 100,04g
- 20 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Liver and/or intestinal guts with larvae of *Anisakis simplex*
Part sample = 101,8g
- 21 Part sample = 101,66g
- 22 Skin with metacercariae of cf. *Cryptocotyle lingua* Liver and/or intestinal guts with larvae of *Anisakis simplex*
part sample = 101,64g
- 23 Liver and/or intestinal guts with larvae of *Anisakis simplex* Part sample = 100,95g
- 24 Liver and/or intestinal guts with larvae of *Anisakis simplex* Age uncertain
Part sample = 100,11g
- 25 Liver and/or intestinal guts with larvae of *Anisakis simplex* Age uncertain
Part sample = 100,24g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98B1 Bjørnerøya (east)** Latitude: 68°12.44N Longitude: 14°50.13
 Catch,date : **20061129** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | 341 | 341 | Calc | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | <0 | <0 | 0.1 | 0.2 | 0.2 | 0.2 | <0.1 | <0.3 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTTP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 1774 | 524 | 0,3 | <0.05 | <0.05 | <0.20 | <0.05 | <0.05 | 0.06 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.07 | <0.2 | <0.1 | <0.3 | | |
| 27/ | X | 3 | 1789 | 554 | 0,3 | <0.05 | <0.05 | <0.20 | <0.05 | 0.07 | 0.12 | 0.17 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.19 | <0.2 | <0.1 | <0.4 | | |
| 28/ | X | 4 | 2070 | 569 | 0,3 | <0.05 | <0.05 | <0.20 | <0.05 | 0.05 | 0.07 | 0.09 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.09 | <0.2 | <0.1 | <0.3 | | |
| 29/ | X | 4 | 2090 | 596 | 0,3 | <0.05 | 0.06 | <0.20 | <0.05 | <0.05 | 0.06 | 0.07 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.08 | <0.2 | <0.1 | <0.3 | | |
| 30/ | X | 4 | 2745 | 651 | 0,3 | <0.05 | 0.09 | <0.20 | <0.05 | 0.05 | 0.10 | 0.13 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.21 | <0.2 | <0.1 | <0.4 | | |
| Mean | | 4 | 2094 | 579 | 0,3 | <<0.1 | <<0.1 | <<0.2 | <<0.1 | <<0.1 | 0,1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,1 | <<0.2 | <<0.1 | <<0.3 | | |
| Minimum | | 3 | 1774 | 524 | 0,3 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.2 | <0.1 | <0.3 | | |
| Maximum | | 4 | 2745 | 651 | 0,3 | <0.1 | 0,1 | <0.2 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.2 | <0.1 | <0.4 | | |
| St.Dev | | 0 | 394 | 48 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.0 | ~0.1 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | 0.03 | 0.03 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 1774 | 524 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| 27/ | X | 3 | 1789 | 554 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| 28/ | X | 4 | 2070 | 569 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 29/ | X | 4 | 2090 | 596 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| 30/ | X | 4 | 2745 | 651 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| Mean | | 4 | 2094 | 579 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 3 | 1774 | 524 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 4 | 2745 | 651 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 0 | 394 | 48 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Bjørnerøya (east) Fish 1-12 sampled 29.nov.2006
Fish 13-25 sampled 14.dec.2006

sample no.

- 26 Bulk of NIVA no 12,24,9,22,5 Age uncertain no 24,5 Skin with metacercariae of cf. *Cryptocotyle lingua* no 1,4
Liver a/or intestinal guts with larvae of *Anisakis simplex*, fish no 1,2,4,5
Bulk part sample of NIVA no 12,24,9,22,5
- 27 Bulk of NIVA no 10,13,20,14,25 Age uncertain no 25 Liver a/o intestinal guts w. larvae; *Anisakis simpl.*
Skin with metacercariae of cf. *Cryptocotyle lingua* 20,14 Liver with necrotic areas and/or discolouration 20
Signs of mechanical damage (e.g., net wounds) 20 Bulk part sample of NIVA no 10,13,20,14,25
- 28 Bulk of NIVA no 15,11,1,7,19 Age uncertain 15,7,19 Skin with metacercariae of cf. *Cryptocotyle lingua* 11,1,19
Liver and/or intestinal guts with larvae of *Anisakis simplex* fish no 11,19
Part bulk sample of NIVA no 15,11,1,7,19
- 29 Bulk of NIVA no 21,18,23,3,8 Age uncertain no 8,3 Skin with metacercariae of cf. *Cryptocotyle lingua* 18,3,8
Liver and/or intestinal guts with larvae of *Anisakis simplex* fish no 23,3,8
Bulk part sample of NIVA no 21,18,23,3,8
- 30 Bulk of NIVA no 16,2,17,6,4 Age uncertain no 2,6 Skin with metacercariae of cf. *Cryptocotyle lingua* 6,4
Liver a/or intestinal guts with larvae of *Anisakis simpl.* 17 Bulk part sample of NIVA no 16,2,17,6,4

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20021028** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | M | 3 | 922 | 455 | 52,8 | 20,2 | | 0.013 |
| 2/1 | F | 3 | 648 | 410 | 57,3 | 20,1 | | 0.010 |
| 3/1 | M | 3 | 599 | 400 | 55,1 | 20,2 | | 0.010 |
| 4/1 | M | 3 | 646 | 410 | 60,5 | 19,2 | | 0.013 |
| 5/1 | M | 2 | 504 | 375 | 53,9 | 19,9 | | 0.013 |
| 6/1 | M | 3 | 633 | 420 | 50,0 | 19,8 | | 0.012 |
| 7/1 | M | 3 | 527 | 400 | 50,9 | 19,4 | | 0.012 |
| 8/1 | F | 3 | 703 | 445 | 52,8 | 19,6 | | 0.035 |
| 9/1 | M | 3 | 429 | 375 | 51,7 | 19,0 | | 0.012 |
| 10/ | M | 2 | 432 | 370 | 50,2 | 19,8 | | 0.009 |
| 11/ | M | 4 | 882 | 470 | 54,5 | 19,4 | | 0.011 |
| 12/ | F | 2 | 598 | 390 | 70,8 | 20,0 | | 0.010 |
| 13/ | F | 3 | 525 | 370 | 55,2 | 19,9 | | 0.019 |
| 14/ | F | 3 | 567 | 405 | 58,0 | 19,6 | | 0.015 |
| 15/ | M | 2 | 390 | 355 | 59,7 | 20,2 | | 0.009 |
| 16/ | F | 3 | 405 | 350 | 48,7 | 19,9 | | 0.008 |
| 17/ | F | 2 | 369 | 345 | 49,8 | 19,1 | | 0.013 |
| 18/ | F | 2 | 291 | 330 | 46,5 | 19,5 | | 0.012 |
| 19/ | F | 2 | 326 | 340 | 51,1 | 20,5 | | 0.010 |
| 20/ | M | 2 | 244 | 320 | 47,1 | 19,7 | | 0.009 |
| 21/ | F | 2 | 261 | 315 | 49,0 | 19,3 | | 0.013 |
| 22/ | F | 2 | 257 | 315 | 51,1 | 18,8 | | 0.009 |
| 23/ | F | 2 | 242 | 310 | 48,0 | 19,0 | | 0.012 |
| 24/ | M | 2 | 255 | 315 | 48,8 | 19,8 | | 0.009 |
| 25/ | M | 2 | 296 | 320 | 47,3 | 20,3 | | 0.014 |
| Mean | | 3 | 478 | 372 | 52,8 | 19,7 | | 0,012 |
| Minimum | | 2 | 242 | 310 | 46,5 | 18,8 | | 0,008 |
| Maximum | | 4 | 922 | 470 | 70,8 | 20,5 | | 0,035 |
| St.Dev | | 1 | 195 | 47 | 5,4 | 0,5 | | 0,005 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Varangerfjorden

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Age uncertain
- 3 Skin with ulceration, lymphocytic areas and/or lesions Liver and/or intestinal guts with larvae of Anisakis simplex
- 4 Liver and/or intestinal guts with larvae of Anisakis simplex
- 5 Skin with ulceration, lymphocytic areas and/or lesions
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 8 Gills with Lernaeocera copepods Skin with ulceration, lymphocytic areas and/or lesions
Liver and/or intestinal guts with larvae of Anisakis simplex
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Age uncertain
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 14 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 15 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex
- 17 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 18 Gills with Lernaeocera copepods Liver and/or intestinal guts with larvae of Anisakis simplex
Skin with ulceration, lymphocytic areas and/or lesions
- 19 Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Skin with ulceration, lymphocytic areas and/or lesions
- 21 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 22 Skin with ulceration, lymphocytic areas and/or lesions
- 23 Liver and/or intestinal guts with larvae of Anisakis simplex Skin with ulceration, lymphocytic areas and/or lesions
- 24 Skin with ulceration, lymphocytic areas and/or lesions Age uncertain
- 25 Skin with ulceration, lymphocytic areas and/or lesions

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20021028** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | 0.05 | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA | |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 251 | 315 | 48,8 | | 0,4 | <0.05 | 0.13 | 0.18 | 0.09 | 0.21 | 0.24 | 0.28 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.49 | 0.09 | 0.6 | <0.05 | |
| 27/ | X | 2 | 337 | 337 | 48,7 | | 0,4 | <0.05 | <0.05 | 0.13 | 0.06 | 0.13 | 0.14 | 0.16 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.23 | <0.07 | <0.3 | <0.05 | |
| 28/ | X | 2 | 456 | 369 | 54,2 | | 0,4 | <0.05 | <0.05 | 0.10 | <0.05 | 0.09 | 0.10 | 0.11 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.16 | <0.07 | <0.2 | <0.05 | |
| 29/ | X | 3 | 587 | 401 | 58,4 | | 0,4 | <0.05 | 0.07 | 0.16 | 0.08 | 0.16 | 0.19 | 0.21 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.35 | 0.07 | 0.4 | <0.05 | |
| 30/ | X | 3 | 757 | 440 | 54,1 | | 0,3 | <0.05 | 0.06 | 0.12 | 0.05 | 0.10 | 0.12 | 0.13 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.18 | <0.07 | <0.3 | <0.05 | |
| Mean | | 3 | 478 | 372 | 52,8 | | 0,4 | <<0.1 | <<0.1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,3 | <<0.1 | <<0.4 | <<0.1 | |
| Minimum | | 2 | 251 | 315 | 48,7 | | 0,4 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.1 | <0.2 | <0.1 | |
| Maximum | | 3 | 757 | 440 | 58,4 | | 0,5 | <0.1 | | 0,1 | 0,2 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | | 0,1 | <0.1 | <1 | <1 | 0,5 | 0,1 | 0,6 |
| St.Dev | | 0 | 201 | 50 | 4,1 | | 0,0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | 0,0 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.2 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 251 | 315 | <0.1 | 0.13 | <0.03 | <0.03 |
| 27/ | X | 2 | 337 | 337 | <0.1 | 0.10 | <0.03 | <0.03 |
| 28/ | X | 2 | 456 | 369 | <0.1 | 0.10 | <0.03 | <0.03 |
| 29/ | X | 3 | 587 | 401 | <0.1 | 0.15 | <0.03 | <0.03 |
| 30/ | X | 3 | 757 | 440 | <0.1 | 0.14 | <0.03 | <0.03 |
| Mean | | 3 | 478 | 372 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 2 | 251 | 315 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 3 | 757 | 440 | <0.1 | 0,2 | <0.0 | <0.0 |
| St.Dev | | 0 | 201 | 50 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Varangerfjorden

sample no.

- 26 Bulk of NIVA no 23,21,22,24,20 Skin with ulceration, lymphocytic areas and/or lesions
Liver a/o intestinal guts w.larvae of Anisakis simpl.no21,23
- 27 Bulk of NIVA no 25,18,19,17,16 Skin w. ulceration, lymphocytic areas a/o lesions no25,17,18
Liver / intestinal guts w.larvae,Anisakis simpl.no16,1718,19 Gills with Lernaeocera copepods no18
- 28 Bulk of NIVA no 15,10,13,5,9 Liver and/or intestinal guts with larvae of Anisakis simplex
no9,10,13,15 Skin with ulceration, lymphocytic areas and/or lesions
no5,13,15
- 29 Bulk of NIVA no 12,3,7,14,2 Liver/ intestinal guts w.larvae of Anisakis simpl.no3,712,14
Skin w. ulceration, lymphocytic areas a/o lesions,no3,7,14 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no14
- 30 Bulk of NIVA no 4,6,8,1,11 Liver/ intestinal guts w.larvae of Anisakis simpl.no1,4,8,11
Gills with Lernaeocera copepods no8 Skin with ulceration, lymphocytic areas and/or lesions no8

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20030924** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 3 | 337 | 340 | 55,1 | 19,1 | | 0.020 |
| 2/1 | M | 3 | 380 | 360 | 50,5 | 19,2 | | 0.015 |
| 3/1 | F | 3 | 411 | 360 | 52,6 | 19,3 | | 0.018 |
| 4/1 | F | 2 | 348 | 345 | 50,0 | 17,7 | | 0.015 |
| 5/1 | F | 3 | 392 | 355 | 50,6 | 19,8 | | 0.016 |
| 6/1 | F | 3 | 437 | 370 | 55,6 | 20,4 | | 0.011 |
| 7/1 | F | 4 | 506 | 405 | 63,5 | 18,6 | | 0.017 |
| 8/1 | F | 3 | 561 | 400 | 55,5 | 19,0 | | 0.016 |
| 9/1 | F | 3 | 569 | 415 | 62,5 | 18,7 | | 0.017 |
| 10/ | F | 4 | 665 | 420 | 59,0 | 20,2 | | 0.030 |
| 11/ | F | 3 | 659 | 420 | 54,4 | 19,9 | | 0.016 |
| 12/ | M | 3 | 939 | 460 | 58,9 | 18,8 | | 0.026 |
| 13/ | M | 2 | 383 | 355 | 47,9 | 18,5 | | 0.015 |
| 14/ | F | 2 | 464 | 370 | 49,5 | 18,6 | | 0.010 |
| 15/ | F | 4 | 412 | 375 | 49,4 | 18,8 | | 0.033 |
| 16/ | F | 3 | 601 | 400 | 50,1 | 19,3 | | 0.014 |
| 17/ | M | 3 | 559 | 405 | 50,8 | 18,4 | | 0.023 |
| 18/ | M | 4 | 614 | 410 | 50,4 | 18,8 | | 0.014 |
| 19/ | M | 4 | 616 | 405 | 50,9 | 19,7 | | 0.016 |
| 20/ | M | 3 | 554 | 410 | 50,8 | 19,2 | | 0.019 |
| 21/ | M | 4 | 652 | 410 | 51,4 | 19,8 | | 0.016 |
| 22/ | F | 4 | 740 | 430 | 51,7 | 20,3 | | 0.043 |
| 23/ | M | 4 | 790 | 460 | 50,6 | 19,6 | | 0.016 |
| 24/ | F | 3 | 1024 | 450 | 64,5 | 20,8 | | 0.033 |
| 25/ | M | 5 | 1181 | 515 | 63,8 | 19,6 | | 0.013 |
| Mean | | 3 | 592 | 402 | 54,0 | 19,3 | | 0,019 |
| Minimum | | 2 | 337 | 340 | 47,9 | 17,7 | | 0,010 |
| Maximum | | 5 | 1181 | 515 | 64,5 | 20,8 | | 0,043 |
| St.Dev | | 1 | 214 | 42 | 5,1 | 0,7 | | 0,008 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Varangerfjorden Fish sampled in sept.2003 before 25.sept.

sample no.

- 1 Age uncertain
- 2 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
- 4 Age uncertain
- 5 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods
- 6 Age uncertain
- 7 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
- 8 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods
- 9 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
- 10 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex
- 12 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 13 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 14 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 15 Liver and/or intestinal guts with larvae of Anisakis simplex
- 16 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 17 Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods
Liver and/or intestinal guts with larvae of Anisakis simplex
- 18 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 19 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 20 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 21 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 22 Age uncertain Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods Liver and/or intestinal guts with larvae of Anisakis simplex
- 23 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 24 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 25 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20030924** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | Calc | | | |
| Detection limit => | | | | Mean | | | | 0.05 | | | | 0.05 | | | | 0.05 | | | | 0.1 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 368 | 351 | 50,8 | 0,3 | <0.05 | 0.07 | 0.18 | 0.09 | 0.20 | 0.27 | 0.33 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.43 | 0.08 | 0.5 | <0.05 | |
| 27/ | F | 3 | 457 | 375 | 52,5 | 0,5 | <0.05 | <0.05 | 0.10 | <0.05 | 0.08 | 0.11 | 0.13 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.18 | <0.07 | <0.3 | <0.05 | |
| 28/ | X | 4 | 579 | 405 | 53,1 | 0,4 | <0.05 | <0.05 | 0.13 | 0.06 | 0.12 | 0.16 | 0.17 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.23 | <0.07 | <0.3 | <0.05 | |
| 29/ | X | 3 | 620 | 415 | 55,6 | 0,4 | <0.05 | <0.05 | 0.12 | <0.05 | 0.08 | 0.10 | 0.10 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.16 | <0.07 | <0.2 | <0.05 | |
| 30/ | X | 4 | 935 | 463 | 57,9 | 0,4 | <0.05 | <0.05 | 0.11 | 0.05 | 0.09 | 0.13 | 0.15 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.18 | <0.07 | <0.3 | <0.05 | |
| Mean | | 3 | 592 | 402 | 54,0 | 0,4 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.1 | <<0.3 | <<0.1 | |
| Minimum | | 3 | 368 | 351 | 50,8 | 0,3 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.1 | <0.2 | <0.1 | |
| Maximum | | 4 | 935 | 463 | 57,9 | 0,5 | <0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,3 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | 0,1 | 0,5 | <0.1 | |
| St.Dev | | 0 | 216 | 43 | 2,8 | 0,1 | ~0.0 | ~0.0 | 0,0 | ~0.0 | 0,1 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.1 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 368 | 351 | <0.1 | 0.10 | <0.03 | <0.03 |
| 27/ | F | 3 | 457 | 375 | <0.1 | 0.09 | <0.03 | <0.03 |
| 28/ | X | 4 | 579 | 405 | <0.1 | 0.09 | <0.03 | <0.03 |
| 29/ | X | 3 | 620 | 415 | <0.1 | 0.11 | <0.03 | <0.03 |
| 30/ | X | 4 | 935 | 463 | <0.1 | 0.09 | <0.03 | <0.03 |
| Mean | | 3 | 592 | 402 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 3 | 368 | 351 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 4 | 935 | 463 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 0 | 216 | 43 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Varangerfjorden Fish sampled in sept.2003 before 25.sept.

sample no.

- 26 Bulk of NIVA no 1,4,5,13,2 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no 2,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 2,13
- 27 Bulk of NIVA no 3,6,14,15,8 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no 2,8 Liver and/or intestinal guts with larvae of Anisakis simplex
no 14,15
- 28 Bulk of NIVA no 16,7,17,18,19 Liver and/or intestinal guts with larvae of Anisakis simplex
no 16,17,18,19 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no 17
- 29 Bulk of NIVA no 20,21,9,10,11 Liver and/or intestinal guts with larvae of Anisakis simplex
Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods no 9
- 30 Bulk of NIVA no 22,24,12,23,25 Liver and/or intestinal guts with larvae of Anisakis simplex
Skin and/or oral cavity with caligiform and/or Lernaeopodiform copepods no 22

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20041030** Count: 25 Sample type: **Individual**

| Sam rep no. | Sex | Age | Wght g | Lngr mm | weight g | Dry % | Fat % | NIVA |
|-------------|-----|-----|--------|---------|----------|-------|-------|-------|
| | | | | | Mean | | | 310 |
| | | | | | | | | 0.005 |
| | | | | | | | | 0.013 |
| 1/1 | F | 2 | 438 | 360 | 50,3 | 18,7 | | |
| 2/1 | F | 2 | 526 | 365 | 50,8 | 20,1 | | 0.031 |
| 3/1 | F | 2 | 397 | 350 | 50,2 | 19,8 | | 0.032 |
| 4/1 | M | 2 | 272 | 320 | 50,3 | 19,4 | | 0.015 |
| 5/1 | F | 2 | 263 | 320 | 50,6 | 19,2 | | 0.009 |
| 6/1 | M | 2 | 330 | 335 | 50,5 | 18,1 | | 0.028 |
| 7/1 | M | 2 | 260 | 320 | 50,4 | 19,8 | | 0.018 |
| 8/1 | F | 2 | 283 | 330 | 50,6 | 20,0 | | 0.018 |
| 9/1 | M | 2 | 264 | 310 | 51,3 | 19,2 | | 0.011 |
| 10/ | F | 3 | 278 | 315 | 50,0 | 19,7 | | 0.019 |
| 11/ | M | 2 | 230 | 305 | 50,2 | 19,5 | | 0.011 |
| 12/ | M | 2 | 208 | 300 | 50,1 | 18,8 | | 0.013 |
| 13/ | M | 2 | 239 | 300 | 46,4 | 18,6 | | 0.017 |
| 14/ | M | 2 | 262 | 310 | 52,7 | 19,3 | | 0.018 |
| 15/ | F | 3 | 243 | 310 | 50,5 | 19,2 | | 0.018 |
| 16/ | M | 2 | 198 | 295 | 50,1 | 19,3 | | 0.012 |
| 17/ | M | 2 | 227 | 285 | 50,1 | 20,7 | | 0.013 |
| 18/ | F | 2 | 178 | 290 | 49,6 | 18,9 | | 0.016 |
| 19/ | F | 3 | 206 | 285 | 46,2 | 20,1 | | 0.020 |
| 20/ | F | 2 | 209 | 280 | 50,0 | 19,0 | | 0.015 |
| 21/ | M | 2 | 171 | 275 | 49,4 | 20,1 | | 0.011 |
| 22/ | F | 1 | 156 | 280 | 29,0 | 19,1 | | 0.020 |
| 23/ | M | 2 | 161 | 270 | 49,0 | 18,8 | | 0.011 |
| 24/ | F | 2 | 166 | 275 | 47,4 | 19,9 | | 0.011 |
| 25/ | M | 2 | 158 | 265 | 33,1 | 19,1 | | 0.014 |
| Mean | | 2 | 253 | 306 | 48,4 | 19,4 | | 0,017 |
| Minimum | | 1 | 156 | 265 | 29,0 | 18,1 | | 0,009 |
| Maximum | | 3 | 526 | 365 | 52,7 | 20,7 | | 0,032 |
| St.Dev | | 0 | 90 | 27 | 5,4 | 0,6 | | 0,006 |
| Count | | 25 | 25 | 25 | 25 | 25 | | 25 |

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Comments

Station: Varangerfjorden Sampled whole october

sample no.

- 1 Age uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 3 Muscle from both side of the fish
- 4 Muscle from both side of the fish
- 5 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 6 Muscle from both side of the fish
- 7 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 8 Muscle from both side of the fish
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 11 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 13 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 14 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 15 Muscle from both side of the fish
- 16 Muscle from both side of the fish
- 17 Muscle from both side of the fish
- 18 Muscle from both side of the fish
- 19 Muscle from both side of the fish
- 20 Liver and/or intestinal guts with larvae of Anisakis simplex Muscle from both side of the fish
- 21 Muscle from both side of the fish
- 22 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Muscle from both side of the fish
- 23 Muscle from both side of the fish
- 24 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Muscle from both side of the fish
- 25 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Muscle from both side of the fish

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20041030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | | | | 341 | | | | 341 | | | | 341 | | | | Calc | | | |
| Detection limit => | | | | 0.05 | | | | 0.05 | | | | 0.05 | | | | 0.05 | | | | 0.1 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | HCHA |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 162 | 273 | 41,6 | | 0,2 | <0.05 | 0.17 | miss | 0.09 | 0.23 | 0.32 | 0.39 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.43 | <0.07 | <0.5 | <0.05 |
| 27/ | X | 2 | 203 | 287 | 49,2 | | 0,4 | <0.05 | miss | 0.26 | 0.07 | 0.19 | 0.27 | 0.34 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.41 | <0.07 | <0.5 | <0.05 |
| 28/ | X | 2 | 236 | 305 | 50,0 | | 0,3 | <0.05 | miss | 0.16 | 0.05 | 0.12 | 0.16 | 0.17 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.17 | <0.07 | <0.2 | <0.05 |
| 29/ | X | 2 | 267 | 317 | 50,5 | | 0,5 | <0.05 | <0.05 | 0.19 | 0.05 | 0.15 | 0.20 | 0.25 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.24 | <0.07 | <0.3 | <0.05 |
| 30/ | X | 2 | 395 | 348 | 50,5 | | 0,6 | 0.08 | 0.10 | 0.22 | 0.09 | 0.22 | 0.29 | 0.37 | <0.05 | 0.09 | <0.05 | 1 | <2 | 0.45 | 0.14 | 0.6 | <0.05 |
| Mean | | 2 | 253 | 306 | 48,4 | | 0,4 | <<0.1 | <<0.1 | 0,2 | 0,1 | 0,2 | 0,2 | 0,3 | <<0.1 | <0.1 | <<0.1 | <<1 | <<1 | 0,3 | <<0.1 | <<0.4 | <<0.1 |
| Minimum | | 2 | 162 | 273 | 41,6 | | 0,2 | <0.1 | <0.1 | 0,2 | 0,1 | 0,1 | 0,2 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.1 | <0.2 | <0.1 |
| Maximum | | 2 | 395 | 348 | 50,5 | | 0,6 | 0,1 | 0,2 | 0,3 | 0,1 | 0,2 | 0,3 | 0,4 | <0.1 | 0,1 | <0.1 | 1 | <2 | 0,5 | 0,1 | 0,6 | <0.1 |
| St.Dev | | 0 | 88 | 29 | 3,8 | | 0,1 | ~0.0 | ~0.1 | 0,0 | 0,0 | 0,0 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.2 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | | 5 | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|------|-------|------|-------|-------|
| Analysis code => | | | | Calc | | | | |
| Detection limit => | | | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 2 | 162 | 273 | <0.1 | 0.11 | <0.03 | <0.05 |
| 27/ | X | 2 | 203 | 287 | <0.1 | 0.09 | <0.03 | <0.05 |
| 28/ | X | 2 | 236 | 305 | <0.1 | 0.08 | <0.03 | <0.05 |
| 29/ | X | 2 | 267 | 317 | <0.1 | 0.08 | <0.03 | <0.05 |
| 30/ | X | 2 | 395 | 348 | <0.1 | 0.10 | <0.03 | <0.05 |
| Mean | | 2 | 253 | 306 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 2 | 162 | 273 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 2 | 395 | 348 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 0 | 88 | 29 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(3) ! Missing value

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Comments

Station: Varangerfjorden Sampled whole october

sample no.

- 26 Bulk of NIVA no 25,23,24,21,22 Liver with necrotic areas and/or discolouration no22,25,24
Signs of mechanical damage (e.g., net wounds) no 22,24,25
- 27 Bulk of NIVA no 20,17,19,18,16 Liver a/o intestinal guts with larvae of Anisakis simpl.no20
- 28 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 11,12,13,14
- 29 Bulk of NIVA no 9,10,4,5,7 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 9,10,5,7
- 30 Bulk of NIVA no 8,6,3,2,1 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 1,2

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20051012** Count: 25 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|-----|------|------|-------|--------|------|-----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| | | | | 0.005 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | | | | | w.wt |
| 1/1 | F | 3 | 336 | 341 | | 20,0 | | 0.020 |
| 2/1 | M | 3 | 409 | 350 | | 20,0 | | 0.038 |
| 3/1 | M | 3 | 366 | 342 | | 20,0 | | 0.018 |
| 4/1 | M | 3 | 356 | 351 | | 18,0 | | 0.018 |
| 5/1 | M | 3 | 420 | 352 | | 19,0 | | 0.016 |
| 6/1 | F | 2 | 371 | 370 | | 20,0 | | 0.014 |
| 7/1 | M | 3 | 491 | 375 | | 22,0 | | 0.015 |
| 8/1 | M | 3 | 578 | 375 | | 20,0 | | 0.020 |
| 9/1 | F | 3 | 529 | 390 | | 20,0 | | 0.014 |
| 10/ | M | 3 | 557 | 400 | | 20,0 | | 0.018 |
| 11/ | M | 3 | 690 | 420 | | 24,0 | | 0.024 |
| 12/ | M | 5 | 1473 | 540 | | 20,0 | | 0.030 |
| 13/ | M | 3 | 318 | 325 | | 19,0 | | 0.011 |
| 14/ | M | 3 | 437 | 372 | | 19,0 | | 0.019 |
| 15/ | M | 3 | 404 | 355 | | 19,0 | | 0.013 |
| 16/ | F | 4 | 564 | 386 | | 20,0 | | 0.019 |
| 17/ | F | 4 | 509 | 385 | | 21,0 | | 0.012 |
| 18/ | M | 4 | 470 | 368 | | 21,0 | | 0.011 |
| 19/ | F | 3 | 449 | 392 | | 20,0 | | 0.018 |
| 20/ | M | 3 | 614 | 400 | | 23,0 | | 0.013 |
| 21/ | M | 3 | 547 | 380 | | 20,0 | | 0.020 |
| 22/ | F | 3 | 651 | 405 | | 19,0 | | 0.027 |
| 23/ | M | 3 | 623 | 428 | | 19,0 | | 0.019 |
| 24/ | F | 3 | 835 | 431 | | 20,0 | | 0.016 |
| 25/ | M | 4 | 899 | 465 | | 19,0 | | 0.022 |
| Mean | | 3 | 556 | 388 | | 20,1 | | 0,019 |
| Minimum | | 2 | 318 | 325 | | 18,0 | | 0,011 |
| Maximum | | 5 | 1473 | 540 | | 24,0 | | 0,038 |
| St.Dev | | 1 | 241 | 45 | | 1,3 | | 0,006 |
| Count | | 25 | 25 | 25 | | 25 | | 25 |

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Comments

Station: Varangerfjorden Fish 8,11,12,14,19,20,23,24 sampled 14.nov.2005
Rest of the fish sampled 12.oct.2005

sample no.

- 1 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Part sample = 50,2g
- 2 Part sample = 50,4g
- 3 Part sample = 50,6g
- 4 Part sample= 51,4g
- 5 sex uncertain Part sample = 50,7g
- 6 Part sample = 50,6g
- 7 Part sample = 51,4g
- 8 Part sample = 51,8g
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,4g
- 10 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,1g
- 11 Part sample = 51,1g
- 12 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,7g
- 13 Sex uncertain Liver and/or intestinal guts with larvae of Anisakis simplex
Part sample = 50,6g
- 14 Part sample = 51,23g
- 15 Part sample = 50,07g
- 16 Liver and/or intestinal guts with larvae of Anisakis simplex Liver with necrotic areas and/or discolouration
Signs of mechanical damage (e.g., net wounds) Part sample=50,75g
- 17 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,78g
- 18 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 51,57g
- 19 Liver with necrotic areas and/or discolouration Signs of mechanical damage (e.g., net wounds)
Part sample = 50,37g
- 20 Part sample = 50,79g
- 21 Part sample= 50,38g
- 22 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample =50,36g
- 23 Part sample =50,30g
- 24 Part sample = 50,52g
- 25 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 50,53g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20051012** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTTP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 357 | 342 | 0,4 | <0.05 | <0.05 | 0.09 | 0.05 | 0.14 | 0.17 | 0.21 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.24 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 27/ | X | 3 | 420 | 363 | 0,4 | <0.05 | <0.05 | 0.05 | <0.05 | 0.09 | 0.11 | 0.15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.16 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 28/ | X | 3 | 538 | 380 | 0,4 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.08 | <0.2 | <0.1 | <0.1 | <0.3 | |
| 29/ | X | 3 | 560 | 397 | 0,5 | <0.05 | <0.05 | 0.07 | <0.05 | 0.11 | 0.13 | 0.15 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.17 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 30/ | X | 4 | 904 | 457 | 0,4 | <0.05 | <0.05 | 0.07 | <0.05 | 0.11 | 0.13 | 0.18 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.19 | <0.2 | <0.1 | <0.1 | <0.4 | |
| Mean | | 3 | 556 | 388 | 0,4 | <<0.1 | <<0.1 | <0.1 | <<0.1 | <0.1 | | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.2 | <<0.1 | <<0.4 | |
| Minimum | | 3 | 357 | 342 | 0,4 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.2 | <0.1 | <0.3 | |
| Maximum | | 4 | 904 | 457 | 0,5 | <0.1 | <0.1 | | 0,1 | 0,1 | 0,1 | 0,2 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.2 | <0.1 | <0.4 | |
| St.Dev | | 0 | 212 | 44 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 26/ | X | 3 | 357 | 342 | <0.05 | <0.1 | 0.1 | <0.03 | <0.05 |
| 27/ | X | 3 | 420 | 363 | <0.05 | <0.1 | 0.1 | <0.03 | <0.05 |
| 28/ | X | 3 | 538 | 380 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 29/ | X | 3 | 560 | 397 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| 30/ | X | 4 | 904 | 457 | <0.05 | <0.1 | 0.12 | <0.03 | <0.05 |
| Mean | | 3 | 556 | 388 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 3 | 357 | 342 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 4 | 904 | 457 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 0 | 212 | 44 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Varangerfjorden Fish 8,11,12,14,19,20,23,24 sampled 14.nov.2005
Rest of the fish sampled 12.oct.2005

sample no.

- 26 Bulk of NIVA no 13,1,2,3,4 Liver a/or intestinal guts with larvae of Anisakis simpl. 13
Liver with necrotic areas and/or discolouration no1 Signs of mechanical damage (e.g., net wounds) no1
- 27 Bulk of NIVA no 5,15,18,6,14 Liver with necrotic areas and/or discolouration no18
Signs of mechanical damage (e.g., net wounds) no 18 Liver a/or intestinal guts with larvae of Anisakis simpl.18
- 28 Bulk of NIVA no 7,8,21,17,16 Liver a/or intestinal guts w. larvae of Anisakis simpl.16,17
Liver with necrotic areas and/or discolouration no16 Signs of mechanical damage (e.g., net wounds) no 16
- 29 Bulk of NIVA no 9,19,10,20,22 Liver and/or intestinal guts with larvae of Anisakis simplex
no 9,10,22 Liver with necrotic areas and/or discolouration no19
Signs of mechanical damage (e.g., net wounds) no19
- 30 Bulk of NIVA no 11,23,24,25,12 Liver and/or intestinal guts with larvae of Anisakis simplex
no 12,25

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20061125** Count: 10 Sample type: **Individual**

| Analytical lab. => | | | | NIVA | | | | |
|-----------------------|-----|------|------|--------|-----|------|----|-------|
| Analysis code => | | | | 310 | | | | |
| Detection limit => | | | | Mean | | | | |
| Sam:Sex Age Wght Lngt | | | | weight | Dry | Fat | HG | |
| rep | F/M | year | g | mm | g | % | % | ppm |
| no. | | | | w.wt | | | | |
| 1/1 | F | 5 | 1020 | 470 | | 19,7 | | 0.047 |
| 2/1 | M | 4 | 885 | 430 | | 20,0 | | 0.026 |
| 3/1 | F | 3 | 631 | 425 | | 19,7 | | 0.020 |
| 4/1 | M | 4 | 685 | 405 | | 19,7 | | 0.024 |
| 5/1 | M | 3 | 402 | 350 | | 19,4 | | 0.020 |
| 6/1 | F | 3 | 356 | 340 | | 19,7 | | 0.018 |
| 7/1 | M | 2 | 283 | 325 | | 20,0 | | 0.014 |
| 8/1 | M | 2 | 258 | 310 | | 19,3 | | 0.014 |
| 9/1 | M | 2 | 299 | 310 | | 20,8 | | 0.018 |
| 10/ | M | 2 | 225 | 300 | | 18,8 | | 0.016 |
| Mean | | 3 | 504 | 367 | | 19,7 | | 0,022 |
| Minimum | | 2 | 225 | 300 | | 18,8 | | 0,014 |
| Maximum | | 5 | 1020 | 470 | | 20,8 | | 0,047 |
| St.Dev | | 1 | 283 | 61 | | 0,5 | | 0,010 |
| Count | | 10 | 10 | 10 | | 10 | | 10 |

Comments

Station: Varangerfjorden

sample no.

- 1 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample :102,21g
- 2 Part sample =100,33g
- 3 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 100,74g
- 4 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 100,23g
- 5 Part sample : 92,22g
- 6 Part sample 80,34g
- 7 Part sample = 70,48g
- 8 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample= 60,34g
- 9 Liver and/or intestinal guts with larvae of Anisakis simplex Part sample = 60,09g
- 10 Part sample = 50,34g

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Species : **GADU MOR** Gadus morhua GB: Cod, N: Torsk
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10B Varangerfjorden** Latitude: 69°56.0N Longitude: 29°40.0E
 Catch,date : **20061125** Count: 10 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | 341 | 341 | Calc | |
| Detection limit => | | | | Mean | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 11/ | X | 4 | 725 | 416 | 0,4 | <0.05 | <0.05 | <0.25 | miss | 0.10 | 0.17 | 0.23 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.22 | <0.2 | <0.1 | <0.1 | <0.4 | |
| 12/ | X | 2 | 284 | 317 | 0,5 | <0.05 | <0.05 | <0.25 | miss | 0.07 | 0.1 | 0.16 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.14 | <0.2 | <0.1 | <0.1 | <0.3 | |
| Mean | | 3 | 504 | 367 | 0,4 | <<0.1 | <<0.1 | <<0.3 | | 0,1 | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.2 | <<0.1 | <<0.1 | <<0.4 | |
| Minimum | | 2 | 284 | 317 | 0,4 | <0.1 | <0.1 | <0.3 | | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,1 | <0.2 | <0.1 | <0.1 | <0.3 | |
| Maximum | | 4 | 725 | 416 | 0,5 | <0.1 | <0.1 | <0.3 | | 0,1 | 0,2 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.2 | <0.1 | <0.1 | <0.4 | |
| St.Dev | | 1 | 311 | 70 | 0,0 | ~0.0 | ~0.0 | ~0.0 | | 0,0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0.1 | |
| Count | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

miss(2) ! Missing value

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | | |
| Detection limit => | | | | 0.05 | 0.03 | 0.03 | 0.05 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC | Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 11/ | X | 4 | 725 | 416 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 | <0.05 |
| 12/ | X | 2 | 284 | 317 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 | <0.05 |
| Mean | | 3 | 504 | 367 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 | <<0.1 |
| Minimum | | 2 | 284 | 317 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | <0.1 |
| Maximum | | 4 | 725 | 416 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | <0.1 |
| St.Dev | | 1 | 311 | 70 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

miss(2) ! Missing value

Comments

Station: Varangerfjorden

sample no.

- 11 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex fish no 1,3,4 Part bulk sample NIVA no 1,2,3,4,5
- 12 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex Part bulk sample of NIVA no 6,7,8,9,10

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20021008** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

11 ! Liver colour: yellow brown
12 ! Liver colour: yellow

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20031009** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no6,7,8,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 11,12,13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simplex 18
Age uncertain no16,17,19
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
 Catch,date : **20031009** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 2 | 293 | 290 | 6,1 | 26,8 | 9,5 | 0.0627 | 15.6 | 0.04 | 41.9 | 1.5 | 2.0 | 2.8 | 2.6 | 5.8 | 9.0 | 10 | <1 | 3.6 | <1 | 35 | <38 | | | | | | |
| 2/1 | X | 2 | 330 | 296 | 5,1 | 36,0 | 20,0 | 0.0437 | 16.6 | 0.03 | 45.8 | 3.2 | 3.2 | 5.2 | 5.2 | 10 | 14 | 17 | 1.4 | 5.4 | <1 | 58 | <66 | | | | | | |
| 3/1 | X | 3 | 376 | 306 | 5,5 | 34,1 | 18,0 | 0.0602 | 19.4 | 0.03 | 46.8 | 2.8 | 3.4 | 5.8 | 4.5 | 9.8 | 15 | 18 | 1.4 | 5.3 | <1 | 60 | <67 | | | | | | |
| 4/1 | X | 4 | 406 | 327 | 7,0 | 36,8 | 21,0 | 0.0726 | 16.5 | 0.05 | 43.7 | 8.3 | 12 | 30 | 15 | 44 | 75 | 93 | 6.9 | 30 | <1 | 292 | <315 | | | | | | |
| 5/1 | X | 6 | 537 | 348 | 11,2 | 37,8 | 23,0 | 0.0740 | 16.6 | 0.03 | 44.9 | 4.5 | 5.5 | 8.2 | 7.8 | 16 | 22 | 29 | 2.2 | 8.4 | <1 | 94 | <105 | | | | | | |
| Mean | | 4 | 389 | 313 | 7,0 | 34,3 | 18,3 | 0,06 | 16,94 | 0,04 | 44,6 | 4,1 | 5,2 | 10,4 | 7,0 | 17,1 | 27,0 | 33,4 | <2.6 | | 10,5 | <<1.0 | 108 | <<118 | | | | | |
| Minimum | | 2 | 293 | 290 | 5,1 | 26,8 | 9,5 | 0,04 | 15,60 | 0,03 | 41,9 | 1,5 | 2,0 | 2,8 | 2,6 | 5,8 | 9,0 | 10,0 | <1.0 | | 3,6 | <1.0 | 35 | <38 | | | | | |
| Maximum | | 6 | 537 | 348 | 11,2 | 37,8 | 23,0 | 0,07 | 19,40 | 0,05 | 46,8 | 8,3 | 12,0 | 30,0 | 15,0 | 44,0 | 75,0 | 93,0 | 6,9 | | 30,0 | <1.0 | 292 | <315 | | | | | |
| St.Dev | | 2 | 93 | 24 | 2,5 | 4,4 | 5,2 | 0,01 | 1,44 | 0,01 | 1,9 | 2,6 | 4,0 | 11,1 | 4,8 | 15,5 | 27,2 | 34,0 | ~2.5 | | 11,0 | ~0.0 | 105 | ~113 | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|----------|-------|-------|-------|----------|-------|------|-------|-------|------|------|------|------|------|
| Analysis code => | | | | 340 Calc | | 340 | | 340 Calc | | 340 | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 3 | | 0.5 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngt | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 2 | 293 | 290 | 2.9 | 14.9 | <1 | <1 | <1.0 | 0.98 | <0.5 | <0.5 | | | | | |
| 2/1 | X | 2 | 330 | 296 | 4.6 | 23.6 | <1 | 1.1 | <2.1 | 1.9 | <0.5 | <0.5 | | | | | |
| 3/1 | X | 3 | 376 | 306 | 5.3 | 27.3 | <1 | <1 | <1.0 | 1.5 | <0.5 | <0.5 | | | | | |
| 4/1 | X | 4 | 406 | 327 | 9.2 | 36.2 | <1 | 1.1 | <2.1 | 2.0 | <0.5 | 0.77 | | | | | |
| 5/1 | X | 6 | 537 | 348 | 6.9 | 37.9 | <1 | 1.1 | <2.1 | 2.4 | <0.5 | <0.5 | | | | | |
| Mean | | 4 | 389 | 313 | 5,8 | 28,0 | <<1.0 | <<1.1 | <<1.7 | 1,8 | <<0.5 | <<0.6 | | | | | |
| Minimum | | 2 | 293 | 290 | 2,9 | 14,9 | <1.0 | <1.0 | <1.0 | 1,0 | <0.5 | <0.5 | | | | | |
| Maximum | | 6 | 537 | 348 | 9,2 | 37,9 | <1.0 | 1,1 | <2.1 | 2,4 | <0.5 | 0,8 | | | | | |
| St.Dev | | 2 | 93 | 24 | 2,4 | 9,4 | ~0.0 | ~0.1 | ~0.6 | 0,5 | ~0.0 | ~0.1 | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | |

Comments
 Station: Sande (east side)

- sample no.
- Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,4,5
 - Bulk of NIVA no 6,7,8,9,10 Age uncertain no6,7,8,9
 - Bulk of NIVA no 11,12,13,14,15 Age uncertain 11,12,13,14
 - Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simplex 18 Age uncertain nol6,17,19
 - Bulk of NIVA no 21,22,23,24,25 Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20041015** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side) Fished in october

sample no.

| | |
|----------------------------------|------------------------|
| 1 Bulk of NIVA no 1,2,3,4,5 | Age uncertain 4,5 |
| 2 Bulk of NIVA no 6,7,8,9,10 | Age uncertain 6,9 |
| 3 Bulk of NIVA no 11,12,13,14,15 | Age uncertain 15 |
| 4 Bulk of NIVA no 16,17,18,19,20 | Age uncertain 16,17,19 |
| 5 Bulk of NIVA no 21,22,23,24,25 | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
 Catch,date : **20041015** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | Calc | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 542 | 361 | 11,1 | 38,1 | 22,0 | 0.0731 | 15.3 | 0.03 | 43.6 | 2.5 | 3.6 | 6.9 | 4.3 | 11 | 18 | 23 | 1.1 | 5.9 | <1 | 71 | <77 | |
| 2/1 | X | 5 | 396 | 326 | 7,5 | 39,4 | 17,0 | 0.0535 | 13.3 | 0.02 | 40.4 | 1.7 | 4.3 | 6.4 | 4.2 | 9.9 | 14 | 17 | <1 | 5.3 | <1 | 59 | <64 | |
| 3/1 | X | 3 | 349 | 305 | 5,6 | 39,7 | 30,0 | 0.0293 | 13.4 | <0.02 | 41.6 | 3.0 | 4.2 | 6.4 | 4.5 | 10 | 16 | 21 | 1.2 | 6.2 | <1 | 67 | <74 | |
| 4/1 | X | 3 | 314 | 297 | 4,8 | 32,2 | 25,0 | 0.0313 | 10.8 | <0.02 | 33.7 | 2.4 | 4.2 | 6.9 | 3.8 | 9.6 | 14 | 20 | 1.1 | 5.7 | <1 | 63 | <69 | |
| 5/1 | X | 2 | 287 | 285 | 3,2 | 28,9 | 9,3 | 0.0286 | 13.4 | <0.02 | 42.7 | 1.3 | 1.3 | 2.0 | 1.4 | 3.2 | 5.3 | 7.0 | <0.4 | 1.9 | <0.4 | 22 | <24 | |
| Mean | | 4 | 378 | 315 | 6,4 | 35,7 | 20,7 | 0,04 | 13,24 | <<0.02 | 40,4 | 2,2 | 3,5 | 5,7 | 3,6 | 8,7 | 13,5 | 17,6 | <<1.0 | 5,0 | <<0.9 | 56 | <<62 | |
| Minimum | | 2 | 287 | 285 | 3,2 | 28,9 | 9,3 | 0,03 | 10,80 | <0.02 | 33,7 | 1,3 | 1,3 | 2,0 | 1,4 | 3,2 | 5,3 | 7,0 | <0.4 | 1,9 | <0.4 | 22 | <24 | |
| Maximum | | 5 | 542 | 361 | 11,1 | 39,7 | 30,0 | 0,07 | 15,30 | 0,03 | 43,6 | 3,0 | 4,3 | 6,9 | 4,5 | 11,0 | 18,0 | 23,0 | 1,2 | 6,2 | <1.0 | 71 | <77 | |
| St.Dev | | 1 | 100 | 30 | 3,0 | 4,8 | 7,9 | 0,02 | 1,60 | ~0.00 | 3,9 | 0,7 | 1,3 | 2,1 | 1,3 | 3,1 | 4,9 | 6,3 | ~0.3 | 1,8 | ~0.3 | 20 | ~22 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|----------|-------|-------|-------|-------|-------|------|-------|-------|--|--|--|--|--|--|--|--|
| Analysis code => | | | | 340 Calc | | | | | | | | | | | | | | | | |
| Detection limit => | | | | 3 | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | |
| 1/1 | X | 5 | 542 | 361 | 3.7 | 27.7 | <1 | <1 | <1.0 | 1.2 | <0.5 | <0.5 | | | | | | | | |
| 2/1 | X | 5 | 396 | 326 | 2.7 | 18.7 | <1 | <1 | <1.0 | 0.96 | <0.5 | <0.5 | | | | | | | | |
| 3/1 | X | 3 | 349 | 305 | 4.4 | 29.4 | <1 | <1 | <1.0 | 1.9 | <0.5 | <0.5 | | | | | | | | |
| 4/1 | X | 3 | 314 | 297 | 3.3 | 22.3 | <1 | <1 | <1.0 | 1.4 | <0.5 | <0.5 | | | | | | | | |
| 5/1 | X | 2 | 287 | 285 | 1.4 | 10.0 | <0.4 | <0.4 | <0.4 | 0.50 | <0.2 | <0.2 | | | | | | | | |
| Mean | | 4 | 378 | 315 | 3,1 | 21,6 | <<0.9 | <<0.9 | <<0.9 | 1,2 | <<0.4 | <<0.4 | | | | | | | | |
| Minimum | | 2 | 287 | 285 | 1,4 | 10,0 | <0.4 | <0.4 | <0.4 | 0,5 | <0.2 | <0.2 | | | | | | | | |
| Maximum | | 5 | 542 | 361 | 4,4 | 29,4 | <1.0 | <1.0 | <1.0 | 1,9 | <0.5 | <0.5 | | | | | | | | |
| St.Dev | | 1 | 100 | 30 | 1,1 | 7,8 | ~0.3 | ~0.3 | ~0.3 | 0,5 | ~0.1 | ~0.1 | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | |

Comments

Station: Sande (east side) Fished in october

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain 4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 6,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 15
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain 16,17,19
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20051001** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
 Catch,date : **20051001** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | % | % | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 535 | 343 | 11,5 | 40,0 | 26,0 | 0.043 | 17.5 | 0.02 | 46.8 | 2.5 | 3.7 | 5.9 | 3.9 | 9.7 | 15 | 22 | s0.80 | 4.6 | <0.4 | 63 | s<69 | |
| 2/1 | F | 3 | 404 | 322 | 9,0 | 40,0 | 28,0 | 0.016 | 10.4 | 0.02 | 32.3 | 4.3 | 7.5 | 6.9 | 4.6 | 11 | 17 | 21 | 1.5 | 5.9 | <1.0 | 74 | <81 | |
| 3/1 | X | 4 | 355 | 306 | 7,2 | 34,0 | 20,0 | 0.039 | 14.3 | 0.03 | 42.6 | 2.7 | 6.2 | 10 | 5.5 | 14 | 23 | 28 | 2.0 | 8.3 | <1.0 | 92 | <101 | |
| 4/1 | X | 3 | 324 | 296 | 4,1 | 33,0 | 20,0 | 0.023 | 13.0 | 0.03 | 37.5 | 1.6 | 2.1 | 2.7 | 2.6 | 6.1 | 8.4 | 10 | <1.0 | 2.9 | <1.0 | 34 | <37 | |
| 5/1 | X | 3 | 302 | 285 | 3,4 | 28,0 | 15,0 | 0.025 | 15.1 | 0.03 | 37.7 | 1.9 | 2.7 | 2.8 | 2.2 | 4.8 | 7.2 | 9.0 | <1.0 | 2.6 | <1.0 | 31 | <34 | |
| Mean | | 3 | 384 | 310 | 7,0 | 35,0 | 21,8 | 0,03 | 14,06 | 0,03 | 39,4 | 2,6 | 4,4 | 5,7 | 3,8 | 9,1 | 14,1 | 18,0 | <<1.4 | 4,9 | <<0.9 | 59 | <<63 | |
| Minimum | | 3 | 302 | 285 | 3,4 | 28,0 | 15,0 | 0,02 | 10,40 | 0,02 | 32,3 | 1,6 | 2,1 | 2,7 | 2,2 | 4,8 | 7,2 | 9,0 | <1.0 | 2,6 | <0.4 | 31 | <34 | |
| Maximum | | 4 | 535 | 343 | 11,5 | 40,0 | 28,0 | 0,04 | 17,50 | 0,03 | 46,8 | 4,3 | 7,5 | 10,0 | 5,5 | 14,0 | 23,0 | 28,0 | 2,0 | 8,3 | <1.0 | 92 | <101 | |
| St.Dev | | 0 | 93 | 23 | 3,4 | 5,1 | 5,2 | 0,01 | 2,62 | 0,01 | 5,5 | 1,0 | 2,3 | 3,1 | 1,4 | 3,7 | 6,5 | 8,2 | ~0.5 | 2,3 | ~0.3 | 26 | ~33 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | |

s/q(4) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | | | | | | | | | |
| Detection limit => | | | | 340 | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 535 | 343 | s2.0 | 2.2 | s29.2 | 0.42 | 0.53 | 1.0 | 1.6 | 0.22 | <0.4 |
| 2/1 | F | 3 | 404 | 322 | <3.0 | 4.1 | <26.1 | <1.0 | <1.0 | <1.0 | 1.7 | <0.5 | <1.0 |
| 3/1 | X | 4 | 355 | 306 | <3.0 | 2.8 | <20.8 | <1.0 | <1.0 | <1.0 | 1.3 | <0.5 | <1.0 |
| 4/1 | X | 3 | 324 | 296 | <3.0 | 1.6 | <17.6 | <1.0 | <1.0 | <1.0 | 1.2 | <0.5 | <1.0 |
| 5/1 | X | 3 | 302 | 285 | <3.0 | 1.3 | <20.3 | <1.0 | <1.0 | <1.0 | 0.90 | <0.5 | <1.0 |
| Mean | | 3 | 384 | 310 | <<3.0 | 2,4 | <<21.2 | <<0.9 | <<0.9 | <<1.0 | 1,3 | <<0.4 | <<0.9 |
| Minimum | | 3 | 302 | 285 | <3.0 | 1,3 | <17.6 | 0,4 | 0,5 | <1.0 | 0,9 | 0,2 | <0.4 |
| Maximum | | 4 | 535 | 343 | <3.0 | 4,1 | <26.1 | <1.0 | <1.0 | 1,0 | 1,7 | <0.5 | <1.0 |
| St.Dev | | 0 | 93 | 23 | ~0.0 | 1,1 | ~3.6 | ~0.3 | ~0.2 | ~0.0 | 0,3 | ~0.1 | ~0.3 |
| Count | | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |

s/q(4) ! Suspect value

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0
Catch,date : **20061001** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver colour: yellow red no 1and4, red brown no3, brown no2
Liver colour: yellow no 5
- 2 Bulk of NIVA no 6,7,8,9,10 Liver colour: Yellow red no 6, Brown no7, red yellow no8
Liver colour: yellow brown no 9,10
- 3 Bulk of NIVA no11,12,13,14,15 Liver colour: red yellow
- 4 Bulk of NIVA no 16,17,18,19,20 Liver colour: red yellow no16, yellow red no 17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver colour: yellow grey no21,yellow red no22,23,24, red 25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: LIVER
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20021113** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sør fjorden** Tissue: LIVER
 Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20021113** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 7 | 902 | 421 | 10,3 | 27,9 | 14,1 | 2.78 | 14.3 | 1.16 | 45.8 | 1.7 | 11 | 22 | 9.5 | 21 | 44 | 52 | 4.4 | 15 | <0.50 | 167 | <181 | | | | | | | |
| 2/1 | X | 6 | 707 | 398 | 10,3 | 32,3 | 17,8 | 6.06 | 20.8 | 1.41 | 50.2 | <1.0 | 15 | 15 | 4.6 | 14 | 33 | 46 | 2.7 | 15 | <1.0 | <139 | <146 | | | | | | | |
| 3/1 | X | 6 | 548 | 362 | 9,5 | 34,4 | 21,7 | 2.74 | 17.2 | 1.30 | 43.6 | 1.2 | miss | 20 | 7.1 | 20 | 43 | 57 | 3.7 | 17 | <1.0 | 158 | <170 | | | | | | | |
| 4/1 | X | 5 | 486 | 342 | 9,3 | 35,5 | 21,6 | 1.70 | 14.1 | 1.29 | 37.5 | <1.0 | miss | 13 | 4.7 | 14 | 33 | 43 | 2.7 | 14 | <1.0 | <118 | <125 | | | | | | | |
| 5/1 | M | 4 | 373 | 320 | 5,4 | 30,6 | 20,1 | 1.31 | 8.66 | 0.487 | 29.3 | 1.4 | 19 | 21 | 8.4 | 24 | 48 | 60 | 4.4 | 18 | <1.0 | 191 | <205 | | | | | | | |
| Mean | | 6 | 603 | 369 | 9,0 | 32,1 | 19,1 | 2,92 | 15,01 | 1,13 | 41,3 | <<1.3 | 15,0 | 18,2 | 6,9 | 18,6 | 40,2 | 51,6 | 3,6 | 15,8 | <<0.9 | <<155 | <<165 | | | | | | | |
| Minimum | | 4 | 373 | 320 | 5,4 | 27,9 | 14,1 | 1,31 | 8,66 | 0,49 | 29,3 | <1.0 | 11,0 | 13,0 | 4,6 | 14,0 | 33,0 | 43,0 | 2,7 | 14,0 | <0.5 | <118 | <125 | | | | | | | |
| Maximum | | 7 | 902 | 421 | 10,3 | 35,5 | 21,7 | 6,06 | 20,80 | 1,41 | 50,2 | 1,7 | 19,0 | 22,0 | 9,5 | 24,0 | 48,0 | 60,0 | 4,4 | 18,0 | <1.0 | 191 | <205 | | | | | | | |
| St.Dev | | 1 | 206 | 41 | 2,1 | 3,0 | 3,2 | 1,87 | 4,47 | 0,37 | 8,1 | ~0.3 | 4,0 | 4,0 | 2,2 | 4,4 | 6,8 | 7,2 | 0,9 | 1,6 | ~0.2 | ~28 | ~31 | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(2) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|-------|------|------|------|---|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 7 | 902 | 421 | 16 | 15 | 73.0 | <0.50 | 0.73 | <1.2 | 3.7 | 0.99 | 0.61 | | | | |
| 2/1 | X | 6 | 707 | 398 | 20 | 11 | 72.0 | <1.0 | <1.0 | <1.0 | 2.4 | 1.1 | <0.50 | | | | |
| 3/1 | X | 6 | 548 | 362 | 22 | 12 | 82.0 | <1.0 | <1.0 | <1.0 | 2.9 | 1.4 | <0.50 | | | | |
| 4/1 | X | 5 | 486 | 342 | 25 | 8.4 | 73.4 | <1.0 | 1.1 | <2.1 | 2.2 | 1.3 | <0.5 | | | | |
| 5/1 | M | 4 | 373 | 320 | 30 | 8.7 | 94.7 | <1.0 | <1.0 | <1.0 | 2.9 | 1.6 | 0.48 | | | | |
| Mean | | 6 | 603 | 369 | 22,6 | 11,0 | 79,0 | <<0.9 | <<1.0 | <<1.3 | 2,8 | 1,3 | <<0.5 | | | | |
| Minimum | | 4 | 373 | 320 | 16,0 | 8,4 | 72,0 | <0.5 | 0,7 | <1.0 | 2,2 | 1,0 | 0,5 | | | | |
| Maximum | | 7 | 902 | 421 | 30,0 | 15,0 | 94,7 | <1.0 | 1,1 | <2.1 | 3,7 | 1,6 | 0,6 | | | | |
| St.Dev | | 1 | 206 | 41 | 5,3 | 2,7 | 9,6 | ~0.2 | ~0.1 | ~0.5 | 0,6 | 0,2 | ~0.1 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | |

miss(2) ! Missing value

Comments

Station: Inner Sør fjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: LIVER
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20031222** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord Fish sampled between 19.-22.dec.2003

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. Cryptocotyle lingua no3
Muscle with signs of inner bleeding no4
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Muscle with signs of inner bleeding no12
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sørffjorden** Tissue: LIVER
 Locality : **53F Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20031222** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | % | % | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 9 | 733 | 409 | 13,1 | 31,5 | 14,0 | 4.56 | 22.5 | 0.71 | 56.9 | 0.79 | 5.9 | 28 | 13 | 46 | 71 | 97 | 6.3 | 21 | <0.5 | 270 | <289 | |
| 2/1 | X | 8 | 638 | 383 | 10,2 | 29,5 | 13,0 | 4.32 | 22.4 | 1.33 | 62.7 | 1.3 | 8.7 | 33 | 11 | 30 | 39 | 44 | 3.6 | 8.6 | <0.5 | 165 | <180 | |
| 3/1 | X | 7 | 563 | 368 | 9,1 | 26,6 | 10,0 | 2.99 | 24.4 | 0.78 | 57.3 | 0.57 | 1.7 | 9.0 | 3.7 | 11 | 23 | 30 | 1.9 | 7.3 | <0.5 | 83 | <89 | |
| 4/1 | X | 7 | 466 | 355 | 5,6 | 26,4 | 11,0 | 4.56 | 22.8 | 0.57 | 58.3 | 0.52 | 2.3 | 13 | 4.7 | 15 | 39 | 50 | 3.0 | 13 | <0.5 | 133 | <141 | |
| 5/1 | X | 8 | 433 | 344 | 5,3 | 24,4 | 9,0 | 4.86 | 23.3 | 0.73 | 54.4 | 1.5 | 9.2 | 35 | 15 | 51 | 65 | 79 | 5.8 | 16 | <0.5 | 257 | <278 | |
| Mean | | 8 | 567 | 372 | 8,7 | 27,7 | 11,4 | 4,26 | 23,08 | 0,82 | 57,9 | 0,9 | 5,6 | 23,6 | 9,5 | 30,6 | 47,4 | 60,0 | 4,1 | 13,2 | <<0.5 | 182 | <<195 | |
| Minimum | | 7 | 433 | 344 | 5,3 | 24,4 | 9,0 | 2,99 | 22,40 | 0,57 | 54,4 | 0,5 | 1,7 | 9,0 | 3,7 | 11,0 | 23,0 | 30,0 | 1,9 | 7,3 | <0.5 | 83 | <89 | |
| Maximum | | 9 | 733 | 409 | 13,1 | 31,5 | 14,0 | 4,86 | 24,40 | 1,33 | 62,7 | 1,5 | 9,2 | 35,0 | 15,0 | 51,0 | 71,0 | 97,0 | 6,3 | 21,0 | <0.5 | 270 | <289 | |
| St.Dev | | 1 | 123 | 25 | 3,3 | 2,8 | 2,1 | 0,73 | 0,82 | 0,29 | 3,0 | 0,4 | 3,5 | 11,9 | 5,0 | 17,9 | 20,0 | 27,3 | 1,9 | 5,6 | ~0.0 | 80 | ~87 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|-------|
| Analysis code => | | | | 340 | | | | | | | | | |
| Detection limit => | | | | 340 | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEBP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 9 | 733 | 409 | 19 | 9.6 | 84.6 | <0.5 | <0.5 | <0.5 | 1.6 | 0.71 | 0.30 |
| 2/1 | X | 8 | 638 | 383 | 13 | 8.6 | 52.6 | <0.5 | <0.5 | <0.5 | 1.9 | 0.96 | <0.3 |
| 3/1 | X | 7 | 563 | 368 | 11 | 7.2 | 45.2 | <0.5 | <0.5 | <0.5 | 1.4 | 0.57 | <0.3 |
| 4/1 | X | 7 | 466 | 355 | 14 | 9.4 | 63.4 | <0.5 | <0.5 | <0.5 | 0.91 | 0.34 | <0.3 |
| 5/1 | X | 8 | 433 | 344 | 13 | 7.7 | 60.7 | <0.5 | <0.5 | <0.5 | 0.88 | 0.51 | <0.3 |
| Mean | | 8 | 567 | 372 | 14,0 | 8,5 | 61,3 | <<0.5 | <<0.5 | <<0.5 | 1,3 | 0,6 | <<0.3 |
| Minimum | | 7 | 433 | 344 | 11,0 | 7,2 | 45,2 | <0.5 | <0.5 | <0.5 | 0,9 | 0,3 | <0.3 |
| Maximum | | 9 | 733 | 409 | 19,0 | 9,6 | 84,6 | <0.5 | <0.5 | <0.5 | 1,9 | 1,0 | 0,3 |
| St.Dev | | 1 | 123 | 25 | 3,0 | 1,0 | 14,9 | ~0.0 | ~0.0 | ~0.0 | 0,4 | 0,2 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Inner Sørffjord Fish sampled between 19.-22.dec.2003

sample no.

- Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. Cryptocotyle lingua no3
Muscle with signs of inner bleeding no4
- Bulk of NIVA no 6,7,8,9,10
- Bulk of NIVA no 11,12,13,14,15 Muscle with signs of inner bleeding no12
- Bulk of NIVA no 16,17,18,19,20
- Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: LIVER
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20041231** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord Water depth 5-20 meter
Fished in whole december 2004

sample no.

| | | |
|---|--------------------------------|---|
| 1 | Bulk of NIVA no 1,2,3,4,5 | Age uncertain 1,4 |
| 2 | Bulk of NIVA no 6,7,8,9,10 | Age uncertain 8,9,10 Muscle with signs of inner bleeding fish no 10 |
| 3 | Bulk of NIVA no 11,12,13,14,15 | |
| 4 | Bulk of NIVA no 16,17,18,19,20 | Age uncertain 17,18 |
| 5 | Bulk of NIVA no 21,22,23,24,25 | Age uncertain 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sørffjorden** Tissue: LIVER
 Locality : **53F Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20041231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | X | 5 | 684 | 392 | 13,1 | 29,6 | 17,0 | 1.46 | 12.0 | 0.36 | 36.4 | <1 | 1.5 | 6.4 | 3.9 | 11 | 22 | 24 | 1.7 | 4.8 | <1 | <71 | <76 | | | | | | | | |
| 2/1 | X | 5 | 542 | 364 | 10,0 | 23,4 | 11,0 | 2.43 | 5.68 | 0.44 | 26.0 | 3.0 | 15 | 37 | 13 | 36 | 59 | 70 | 5.3 | 19 | <0.4 | 239 | <258 | | | | | | | | |
| 3/1 | M | 6 | 487 | 345 | 8,7 | 28,3 | 16,0 | 2.02 | 10.1 | 0.48 | 30.3 | <1 | 1.6 | 8.5 | 5.3 | 15 | 30 | 35 | 2.6 | 7.9 | <1 | <99 | <107 | | | | | | | | |
| 4/1 | X | 4 | 336 | 313 | 4,8 | 27,5 | 14,0 | 0.891 | 7.28 | 0.64 | 30.9 | 1.6 | 13 | 29 | 10 | 30 | 46 | 49 | 3.8 | 13 | <1 | 182 | <196 | | | | | | | | |
| 5/1 | X | 3 | 324 | 297 | 4,4 | 32,7 | 20,0 | 0.412 | 3.82 | 0.28 | 28.0 | <1 | 4.5 | 14 | 5.3 | 18 | 29 | 34 | 2.5 | 7.6 | <1 | <108 | <116 | | | | | | | | |
| Mean | | 5 | 475 | 342 | 8,2 | 28,3 | 15,6 | 1,44 | 7,78 | 0,44 | 30,3 | <<1.5 | 7,1 | 19,0 | 7,5 | 22,0 | 37,2 | 42,4 | 3,2 | 10,5 | <<0.9 | <<140 | <<151 | | | | | | | | |
| Minimum | | 3 | 324 | 297 | 4,5 | 23,4 | 11,0 | 0,41 | 3,82 | 0,28 | 26,0 | <1.0 | 1,5 | 6,4 | 3,9 | 11,0 | 22,0 | 24,0 | 1,7 | 4,8 | <0.4 | <71 | <76 | | | | | | | | |
| Maximum | | 6 | 684 | 392 | 13,1 | 32,7 | 20,0 | 2,43 | 12,00 | 0,64 | 36,4 | 3,0 | 15,0 | 37,0 | 13,0 | 36,0 | 59,0 | 70,0 | 5,3 | 19,0 | <1.0 | 239 | <258 | | | | | | | | |
| St.Dev | | 1 | 150 | 38 | 3,6 | 3,4 | 3,4 | 0,82 | 3,30 | 0,14 | 3,9 | ~0.9 | 6,4 | 13,4 | 3,8 | 10,6 | 15,0 | 17,8 | 1,4 | 5,6 | ~0.3 | ~69 | ~75 | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|-----|--|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | | | | | |
| Sam | Sex | Age | Wght | Lngt | DDTPP | TDEBP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | X | 5 | 684 | 392 | 8.5 | 5.8 | 43.3 | <1 | <1 | <1.0 | 0.70 | <0.5 | <0.5 | | |
| 2/1 | X | 5 | 542 | 364 | 7.6 | 7.6 | 40.2 | <0.4 | <0.4 | <0.4 | 0.45 | <0.2 | 0.22 | | |
| 3/1 | M | 6 | 487 | 345 | 18 | 8.0 | 94.0 | <0.5 | <0.5 | <0.5 | <1 | <1 | <0.5 | | |
| 4/1 | X | 4 | 336 | 313 | 7.5 | 6.8 | 48.3 | <1 | <1 | <1.0 | 1.5 | <0.5 | <0.5 | | |
| 5/1 | X | 3 | 324 | 297 | 5.3 | 4.8 | 30.1 | <1 | <1 | <1.0 | 1.4 | <0.5 | <0.5 | | |
| Mean | | 5 | 475 | 342 | 9,4 | 6,6 | 51,2 | <<0.8 | <<0.8 | <<0.8 | <1.0 | <<0.5 | <<0.4 | | |
| Minimum | | 3 | 324 | 297 | 5,3 | 4,8 | 30,1 | <0.4 | <0.4 | <0.4 | 0,5 | <0.2 | 0,2 | | |
| Maximum | | 6 | 684 | 392 | 18,0 | 8,0 | 94,0 | <1.0 | <1.0 | <1.0 | 1,5 | <1.0 | <0.5 | | |
| St.Dev | | 1 | 150 | 38 | 5,0 | 1,3 | 24,8 | ~0.3 | ~0.3 | ~0.3 | ~0.4 | ~0.3 | ~0.1 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

Comments

Station: Inner Sørffjord Water depth 5-20 meter
 Fished in whole december 2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain 1,4
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 8,9,10 Muscle with signs of inner bleeding fish no 10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain 17,18
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain 25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: LIVER
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20050930** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord Fish sampled in sept. 2005
All fish stored one week in a cool room, before

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sørffjorden** Tissue: LIVER
 Locality : **53F Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20050930** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 315 315 315 315 315 340 340 340 340 340 340 340 340 340 340 340 340 340 340 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 7 | 720 | 401 | 10,6 | 30,0 | 17,7 | 1.38 | 7.25 | 1.47 | 31.0 | 24 | 26 | 40 | 17 | 48 | 86 | 110 | s7.3 | 29 | 0.28 | 363 | s388 | |
| 2/1 | X | 6 | 556 | 371 | 7,0 | 27,0 | 14,3 | 1.31 | 5.98 | 1.35 | 30.3 | 26 | 29 | 63 | 28 | 79 | 130 | 140 | s10 | 34 | 0.31 | 501 | s539 | |
| 3/1 | M | 6 | 401 | 351 | 4,2 | 23,0 | 10,6 | 1.35 | 6.82 | 3.87 | 35.9 | 0.35 | 2.2 | 14 | 7.7 | 23 | 65 | 83 | s5.2 | 31 | 0.28 | 219 | s232 | |
| 4/1 | M | 5 | 436 | 343 | 7,0 | 38,0 | 19,9 | 1.16 | 4.47 | 1.31 | 26.2 | 16 | 33 | 67 | 27 | 81 | 120 | 140 | 10 | 30 | <0.2 | 487 | <524 | |
| 5/1 | X | 4 | 384 | 326 | 4,4 | 30,0 | 16,8 | 1.02 | 8.49 | 1.29 | 31.4 | 0.53 | 1.6 | 10 | 3.2 | 11 | 34 | 50 | s2.2 | 16 | 0.23 | 123 | s129 | |
| Mean | | 6 | 499 | 358 | 6,6 | 29,6 | 15,9 | 1,24 | 6,60 | 1,86 | 31,0 | 13,4 | 18,4 | 38,8 | 16,6 | 48,4 | 87,0 | 104,6 | 10,0 | 28,0 | <0.3 | 339 | <<524 | |
| Minimum | | 4 | 384 | 326 | 4,2 | 23,0 | 10,6 | 1,02 | 4,47 | 1,29 | 26,2 | 0,4 | 1,6 | 10,0 | 3,2 | 11,0 | 34,0 | 50,0 | 10,0 | 16,0 | <0.2 | 123 | <524 | |
| Maximum | | 7 | 720 | 401 | 10,6 | 38,0 | 19,9 | 1,38 | 8,49 | 3,87 | 35,9 | 26,0 | 33,0 | 67,0 | 28,0 | 81,0 | 130,0 | 140,0 | 10,0 | 34,0 | 0,3 | 501 | <524 | |
| St.Dev | | 1 | 141 | 29 | 2,6 | 5,5 | 3,6 | 0,15 | 1,50 | 1,13 | 3,5 | 12,4 | 15,2 | 26,6 | 11,1 | 31,8 | 39,5 | 38,7 | | 7,0 | ~0.0 | 166 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 1 |

s/q(10) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|---|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 340 Calc 340 340 Calc 340 340 340 340 | | | | | | | | | |
| Detection limit => | | | | 2 3 0.5 2 2 2 | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 7 | 720 | 401 | 13 | 9.4 | 67.4 | 0.27 | 0.21 | 0.5 | 1.2 | <0.2 | 0.83 |
| 2/1 | X | 6 | 556 | 371 | s14 | 11 | s79.0 | 0.49 | 0.22 | 0.7 | 0.99 | <0.2 | 0.71 |
| 3/1 | M | 6 | 401 | 351 | 8.8 | 6.0 | 66.8 | <0.2 | <0.2 | <0.2 | 0.74 | <0.1 | <0.2 |
| 4/1 | M | 5 | 436 | 343 | 8.8 | 10 | 57.8 | 0.40 | 0.28 | 0.7 | 1.5 | <1.5 | 0.54 |
| 5/1 | X | 4 | 384 | 326 | 43 | 6.5 | 64.5 | <0.2 | <0.2 | <0.2 | 1.5 | <0.2 | <0.2 |
| Mean | | 6 | 499 | 358 | 18,4 | 8,6 | 64,1 | <<0.3 | <<0.2 | <<0.5 | 1,2 | <<0.4 | <<0.5 |
| Minimum | | 4 | 384 | 326 | 8,8 | 6,0 | 57,8 | <0.2 | <0.2 | <0.2 | 0,7 | <0.1 | <0.2 |
| Maximum | | 7 | 720 | 401 | 43,0 | 11,0 | 67,4 | 0,5 | 0,3 | 0,7 | 1,5 | <1.5 | 0,8 |
| St.Dev | | 1 | 141 | 29 | 16,5 | 2,2 | 4,4 | ~0.1 | ~0.0 | ~0.3 | 0,3 | ~0.6 | ~0.3 |
| Count | | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |

s/q(10) ! Suspect value

Comments

Station: Inner Sørffjord Fish sampled in sept. 2005

All fish stored one week in a cool room, before

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20021026** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fished between 1.-26.oct.2002

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67F Strandebarms area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20021026** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | X | 4 | 760 | 362 | 14,9 | 37,8 | 23,0 | 0.0396 | 6.85 | 0.0078 | 36.7 | <0.80 | miss | 4.2 | 1.1 | 3.4 | 5.3 | 6.7 | <0.80 | 2.0 | <0.80 | <22 | <24 | | | | | | | | |
| 2/1 | X | 5 | 1073 | 389 | 22,4 | 36,3 | 21,0 | 0.0650 | 9.30 | 0.009 | 44.3 | <0.80 | miss | 3.2 | <0.80 | 2.6 | 4.0 | 5.5 | <0.80 | 1.7 | <0.80 | <18 | <18 | | | | | | | | |
| 3/1 | X | 5 | 1099 | 418 | 13,4 | 40,6 | 21,0 | 0.0681 | 7.75 | 0.0075 | 40.6 | <0.80 | miss | 5.9 | 1.7 | 5.1 | 8.7 | 12 | <0.80 | 3.3 | <0.80 | <36 | <38 | | | | | | | | |
| 4/1 | F | 5 | 1372 | 425 | 27,6 | 44,2 | 30,0 | 0.0318 | 7.09 | 0.0053 | 49.9 | <0.80 | 3.1 | 5.9 | 1.4 | 4.4 | 6.8 | 8.6 | <0.80 | 2.8 | <0.80 | <32 | <34 | | | | | | | | |
| 5/1 | F | 6 | 2060 | 511 | 27,2 | 40,7 | 27,0 | 0.125 | 6.92 | 0.0089 | 50.2 | 0.99 | 2.8 | 6.4 | 1.7 | 5.6 | 9.0 | 11 | <0.80 | 3.4 | <0.80 | 39 | <42 | | | | | | | | |
| Mean | | 5 | 1272 | 421 | 21,1 | 39,9 | 24,4 | 0,07 | 7,58 | 0,01 | 44,3 | <<0.8 | 3,0 | 5,1 | <1.3 | 4,2 | 6,8 | 8,8 | <<0.8 | 2,6 | <<0.8 | <<29 | <<31 | | | | | | | | |
| Minimum | | 4 | 760 | 362 | 13,4 | 36,3 | 21,0 | 0,03 | 6,85 | 0,01 | 36,7 | <0.8 | 2,8 | 3,2 | <0.8 | 2,6 | 4,0 | 5,5 | <0.8 | 1,7 | <0.8 | <18 | <18 | | | | | | | | |
| Maximum | | 6 | 2060 | 511 | 27,6 | 44,2 | 30,0 | 0,13 | 9,30 | 0,01 | 50,2 | 1,0 | 3,1 | 6,4 | 1,7 | 5,6 | 9,0 | 12,0 | <0.8 | 3,4 | <0.8 | 39 | <42 | | | | | | | | |
| St.Dev | | 1 | 491 | 56 | 6,7 | 3,0 | 4,0 | 0,04 | 1,02 | 0,00 | 5,9 | ~0.1 | 0,2 | 1,4 | ~0.4 | 1,2 | 2,2 | 2,8 | ~0.0 | 0,8 | ~0.0 | ~9 | ~10 | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(4) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | |
|--------------------|-----|------|------|-------|-------|-------|--------|-------|-------|-------|------|-------|-------|------|---|
| Analysis code => | | | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam | Sex | Age | Wght | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| rep | F/M | year | g | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 4 | 760 | 362 | <6.0 | 5.1 | <27.1 | <0.80 | 1.1 | <1.9 | 3.3 | <0.40 | <0.40 | | |
| 2/1 | X | 5 | 1073 | 389 | <6.0 | 3.8 | <27.8 | <0.80 | 1.1 | <1.9 | 2.6 | <0.40 | <0.40 | | |
| 3/1 | X | 5 | 1099 | 418 | 12 | 7.7 | 49.7 | <0.80 | 1.1 | <1.9 | 3.5 | <0.40 | <0.40 | | |
| 4/1 | F | 5 | 1372 | 425 | <6.0 | 6.9 | <36.9 | 0.85 | 1.5 | 2.4 | 4.9 | <0.40 | <0.40 | | |
| 5/1 | F | 6 | 2060 | 511 | miss | 7.7 | 36.7 | <0.80 | 1.2 | <2.0 | 5.0 | <0.40 | <0.40 | | |
| Mean | | 5 | 1272 | 421 | <<7.5 | 6,2 | <<35.6 | <<0.8 | 1,2 | <<2.0 | 3,9 | <<0.4 | <<0.4 | | |
| Minimum | | 4 | 760 | 362 | <6.0 | 3,8 | <27.1 | <0.8 | 1,1 | <1.9 | 2,6 | <0.4 | <0.4 | | |
| Maximum | | 6 | 2060 | 511 | 12,0 | 7,7 | 49,7 | 0,9 | 1,5 | 2,4 | 5,0 | <0.4 | <0.4 | | |
| St.Dev | | 1 | 491 | 56 | ~3.0 | 1,7 | ~9.1 | ~0.0 | 0,2 | ~0.2 | 1,1 | ~0.0 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(4) ! Missing value

Comments

Station: Strandebarms Fished between 1.-26.oct.2002

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20031030** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fish sampled in october 2003

sample no.

- 1 Bulk of NIVA no 1,2,,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20041019** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fished from 1.oct to 19.oct 2004

sample no.

| | |
|----------------------------------|--|
| 1 Bulk of NIVA no 1,2,3,4,5 | Age uncertain 3 |
| 2 Bulk of NIVA no 6,7,8,9,10 | Age uncertain 6,7 Signs of mechanical damage (e.g., net wound) no 8,9 |
| 3 Bulk of NIVA no 11,12,13,14,15 | Age uncertain 12,15 |
| 4 Bulk of NIVA no 16,17,18,19,20 | |
| 5 Bulk of NIVA no 21,22,23,24,25 | Age uncertain 22 |

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Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20051030** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fish sampled in oct.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Muscle with signs of inner bleeding no3
Age uncertain no 5 Bulk of NIVA no 1,2,3,4,5. Part sample no 1
- 2 Bulk of NIVA no 6,7,8,9,10 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no8 Age uncertain no 6
Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk of NIVA no 11,12,13,14,15
endret 15mar07, verdien var ca dobbelt
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no 22
Bulk of NIVA no 21,22,23,24,25

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Comments

Station: Strandebarm Fish sampled in oct.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Muscle with signs of inner bleeding no3
Age uncertain no 5 Bulk of NIVA no 1,2,3,4,5. Part sample no 1
- 2 Bulk of NIVA no 6,7,8,9,10 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no8 Age uncertain no 6
Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk of NIVA no 11,12,13,14,15
endret 15mar07, verdien var ca dobbelt
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no 22
Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20060930** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm area Fished 30.sept.-1.oct.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no 3
Signs of mechanical damage (e.g., net wounds) no 3 Bulk part sample = 54,76g
Liver colour: yellow red
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 83,38g
Liver colour: yellow red
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no15
Bulk part sample = 78,58g Liver colour: yellow red
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no16
Bulk part sample = 102,07g Liver colour: yellow red
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no25
Bulk part sample = 100,78g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20060930** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | F | 3 | 543 | 334 | 11,0 | 41,0 | 28,0 | 0.140 | 14.8 | <0.02 | 53.9 | <1.2 | 3.0 | 6.8 | 1.5 | 5.2 | 9.8 | 12 | <1.2 | 3.9 | <1.2 | <42 | <43 | | | | |
| 2/1 | X | 3 | 663 | 354 | 16,7 | 43,0 | 29,0 | 0.0761 | 12.8 | <0.02 | 46.3 | <1.2 | 1.6 | 6.8 | 1.8 | 5.7 | 11 | 14 | <1.2 | 3.9 | <1.2 | <44 | <46 | | | | |
| 3/1 | X | 4 | 787 | 379 | 15,7 | 40,0 | 27,0 | 0.0896 | 11.4 | <0.02 | 47.8 | <1.2 | 2.4 | 8.5 | 2.1 | 7.0 | 13 | 18 | <1.2 | 4.5 | <1.2 | <55 | <57 | | | | |
| 4/1 | F | 4 | 1226 | 420 | 20,4 | 39,0 | 23,0 | 0.258 | 8.40 | <0.02 | 46.8 | <1.2 | 1.5 | 5.6 | 1.3 | 4.5 | 8.1 | 11 | <1.2 | 2.9 | <1.2 | <35 | <36 | | | | |
| 5/1 | F | 4 | 1624 | 456 | 20,2 | 46,0 | 32,0 | 0.193 | 15.7 | <0.02 | 55.5 | <1.2 | 2.5 | 7.4 | 1.7 | 5.7 | 10 | 13 | <1.2 | 3.5 | <1.2 | <43 | <45 | | | | |
| Mean | | 3 | 969 | 389 | 16,8 | 41,8 | 27,8 | 0,15 | 12,62 | <<0.02 | 50,1 | <<1.2 | 2,2 | 7,0 | 1,7 | 5,6 | 10,4 | 13,6 | <<1.2 | 3,7 | <<1.2 | <<44 | <<45 | | | | |
| Minimum | | 3 | 543 | 334 | 11,0 | 39,0 | 23,0 | 0,08 | 8,40 | <0.02 | 46,3 | <1.2 | 1,5 | 5,6 | 1,3 | 4,5 | 8,1 | 11,0 | <1.2 | 2,9 | <1.2 | <35 | <36 | | | | |
| Maximum | | 4 | 1624 | 456 | 20,4 | 46,0 | 32,0 | 0,26 | 15,70 | <0.02 | 55,5 | <1.2 | 3,0 | 8,5 | 2,1 | 7,0 | 13,0 | 18,0 | <1.2 | 4,5 | <1.2 | <55 | <57 | | | | |
| St.Dev | | 1 | 448 | 50 | 3,9 | 2,8 | 3,3 | 0,08 | 2,90 | ~0.00 | 4,3 | ~0.0 | 0,6 | 1,1 | 0,3 | 0,9 | 1,8 | 2,7 | ~0.0 | 0,6 | ~0.0 | ~7 | ~8 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

| Analytical lab. => | | | | NIVA | | | NIVA | | | NIVA | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 3 | 543 | 334 | 4.2 | 9.1 | 39.3 | <1.2 | <1.2 | <1.2 | 3.1 | <0.6 | <0.6 |
| 2/1 | X | 3 | 663 | 354 | 4.6 | 10 | 41.6 | <1.2 | <1.2 | <1.2 | 4.0 | <0.6 | <0.6 |
| 3/1 | X | 4 | 787 | 379 | 3.0 | 11 | 49.0 | <1.2 | <1.2 | <1.2 | 3.8 | <0.6 | <0.6 |
| 4/1 | F | 4 | 1226 | 420 | 4.2 | 7.2 | 30.4 | <1.2 | <1.2 | <1.2 | 3.2 | <0.6 | <0.6 |
| 5/1 | F | 4 | 1624 | 456 | 5.7 | 9.3 | 40.0 | <1.2 | <1.2 | <1.2 | 4.5 | <0.6 | <0.6 |
| Mean | | 3 | 969 | 389 | 4,3 | 9,3 | 40,1 | <<1.2 | <<1.2 | <<1.2 | 3,7 | <<0.6 | <<0.6 |
| Minimum | | 3 | 543 | 334 | 3,0 | 7,2 | 30,4 | <1.2 | <1.2 | <1.2 | 3,1 | <0.6 | <0.6 |
| Maximum | | 4 | 1624 | 456 | 5,7 | 11,0 | 49,0 | <1.2 | <1.2 | <1.2 | 4,5 | <0.6 | <0.6 |
| St.Dev | | 1 | 448 | 50 | 1,0 | 1,4 | 6,6 | ~0.0 | ~0.0 | ~0.0 | 0,6 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Strandebarm area Fished 30.sept.-1.oct.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no 3
Signs of mechanical damage (e.g., net wounds) no 3 Bulk part sample = 54,76g
Liver colour: yellow red
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 83,38g
Liver colour: yellow red
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no15
Bulk part sample = 78,58g Liver colour: yellow red
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no16
Bulk part sample = 102,07g Liver colour: yellow red
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no25
Bulk part sample = 100,78g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20021020** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord Fishing date uncertain

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20021020** Count: 25 Sample type: **Bulked**

| Analytical lab. => Analysis code => Detection limit => Sam:Sex Age Wght Lngt rep F/M year g mm no. | NIVA | | | | | | | | | | | | | | | | | | | | | | |
|---|------|-----|------|------|------|------|-------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| | | | | 315 | 315 | 315 | 315 | 315 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | |
| | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | Calc | Calc | | |
| weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 X | 5 | 738 | 390 | 11,2 | 35,0 | 22,9 | 0.131 | 6.90 | 0.0423 | 42.6 | 1.4 | miss | 9.6 | 3.6 | 10 | 14 | 22 | 1.2 | 4.9 | <1.0 | 62 | <68 | |
| 2/1 X | 5 | 468 | 349 | 6,8 | 28,6 | 14,2 | 0.158 | 6.82 | 0.0476 | 30.2 | <0.60 | miss | 2.2 | 0.93 | 2.8 | 4.7 | 7.0 | 0.39 | 1.8 | <0.60 | <19 | <20 | |
| 3/1 M | 5 | 405 | 333 | 5,4 | 26,7 | 13,3 | 0.281 | 9.51 | 0.0372 | 36.9 | <0.60 | 7.7 | 6.4 | 3.2 | 10 | 10 | 12 | 1.2 | 2.5 | <0.60 | <49 | <54 | |
| 4/1 M | 4 | 309 | 302 | 3,8 | 21,5 | 8,2 | 0.220 | 8.91 | 0.0461 | 29.5 | <0.60 | miss | 0.72 | 0.44 | 1.7 | 2.8 | 4.3 | 0.28 | 1.3 | <0.60 | <11 | <12 | |
| 5/1 X | 3 | 216 | 276 | 2,1 | 20,3 | 4,5 | 0.352 | 4.87 | 0.0576 | 28.0 | <0.60 | 2.9 | 11 | 4.7 | 16 | 15 | 12 | 2.0 | 2.4 | <0.60 | <60 | <67 | |
| Mean | 5 | 427 | 330 | 5,9 | 26,4 | 12,6 | 0,23 | 7,40 | 0,05 | 33,4 | <<0.8 | | 5,3 | 6,0 | 2,6 | 8,1 | 9,3 | 11,5 | 1,0 | 2,6 | <<0.7 | <<40 | <<44 |
| Minimum | 3 | 216 | 276 | 2,1 | 20,3 | 4,5 | 0,13 | 4,87 | 0,04 | 28,0 | <0.6 | | 2,9 | 0,7 | 0,4 | 1,7 | 2,8 | 4,3 | 0,3 | 1,3 | <0.6 | <11 | <12 |
| Maximum | 5 | 738 | 390 | 11,2 | 35,0 | 22,9 | 0,35 | 9,51 | 0,06 | 42,6 | | 1,4 | 7,7 | 11,0 | 4,7 | 16,0 | 15,0 | 22,0 | 2,0 | 4,9 | <1.0 | | 62 <68 |
| St.Dev | 1 | 198 | 44 | 3,5 | 5,9 | 7,0 | 0,09 | 1,85 | 0,01 | 6,2 | ~0.4 | | 3,4 | 4,5 | 1,8 | 5,9 | 5,4 | 6,8 | 0,7 | 1,4 | ~0.2 | ~24 | ~26 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(4) ! Missing value

| Analytical lab. => Analysis code => Detection limit => Sam:Sex Age Wght Lngt rep F/M year g mm no. | NIVA | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|------------|-------|-------|-------|------|-------|-------|
| | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | 340 | | |
| | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | |
| | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 X | 5 | 738 | 390 | <6.0 | 15 | <66.0 | <1.0 | <1.0 | <1.0 | 4.4 | <0.50 | <0.50 |
| 2/1 X | 5 | 468 | 349 | <4.0 | 1.3 | <12.7 | <0.60 | <0.60 | <0.6 | 0.90 | <0.30 | <0.30 |
| 3/1 M | 5 | 405 | 333 | miss | 3.2 | 14.2 | <0.60 | 0.60 | <1.2 | 1.6 | <0.30 | <0.30 |
| 4/1 M | 4 | 309 | 302 | <2.0 | <0.90 | <5.5 | <0.60 | <0.60 | <0.6 | 0.60 | <0.30 | <0.30 |
| 5/1 X | 3 | 216 | 276 | <2.0 | 1.0 | <5.3 | <0.60 | <0.60 | <0.6 | 0.50 | <0.30 | <0.30 |
| Mean | 5 | 427 | 330 | <<3.5 | <4.3 | <<20.7 | <<0.7 | <<0.7 | <<0.8 | 1,6 | <<0.3 | <<0.3 |
| Minimum | 3 | 216 | 276 | <2.0 | <0.9 | <5.3 | <0.6 | <0.6 | <0.6 | 0,5 | <0.3 | <0.3 |
| Maximum | 5 | 738 | 390 | <6.0 | | 15,0 <66.0 | <1.0 | <1.0 | <1.2 | 4,4 | <0.5 | <0.5 |
| St.Dev | 1 | 198 | 44 | ~1.9 | ~6.1 | ~25.6 | ~0.2 | ~0.2 | ~0.3 | 1,6 | ~0.1 | ~0.1 |
| Count | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(4) ! Missing value

Comments

Station: Åkrefjord Fishing date uncertain

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20041231** Count: 5 Sample type: **Individual**

Comments

!Station: Åkrefjord Fished at dec.2004
Why is tissue missing?

sample no.

- 1 Bulk in NIVA no 1,2,3,4,5
- 2 ! Liver colour: yellow
- 3 ! Liver colour: yellow red
- 4 ! Liver colour: red yellow
- 5 ! Liver colour: red yellow

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20041231** Count: 5 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Sam | Sex | Age | Wght | Lngr | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | g | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 493 | 350 | 6,4 | 29,3 | 13,0 | 0.0473 | 7.57 | 0.04 | 54.3 | 3.1 | 6.5 | 19 | 5.3 | 18 | 28 | 37 | 2.5 | 9.0 | <1 | 121 | <129 | |
| Mean | | 4 | 493 | 350 | 6,4 | 29,3 | 13,0 | 0,05 | 7,57 | 0,04 | 54,3 | 3,1 | 6,5 | 19,0 | 5,3 | 18,0 | 28,0 | 37,0 | 2,5 | 9,0 | <<1.0 | 121 | <<129 | |
| Minimum | | 4 | 493 | 350 | 6,4 | 29,3 | 13,0 | 0,05 | 7,57 | 0,04 | 54,3 | 3,1 | 6,5 | 19,0 | 5,3 | 18,0 | 28,0 | 37,0 | 2,5 | 9,0 | <1.0 | 121 | <129 | |
| Maximum | | 4 | 493 | 350 | 6,4 | 29,3 | 13,0 | 0,05 | 7,57 | 0,04 | 54,3 | 3,1 | 6,5 | 19,0 | 5,3 | 18,0 | 28,0 | 37,0 | 2,5 | 9,0 | <1.0 | 121 | <129 | |
| St.Dev | | | | | | | | | | | | | | | | | | | | | | | | |
| Count | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD Σ4 | HCHA | HCHG | HC Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 493 | 350 | 4.4 | 32 | 126.4 | <1 | <1 | <1.0 | 3.6 | <0.5 | <0.5 |
| Mean | | 4 | 493 | 350 | 4,4 | 32,0 | 126,4 | <<1.0 | <<1.0 | <<1.0 | 3,6 | <<0.5 | <<0.5 |
| Minimum | | 4 | 493 | 350 | 4,4 | 32,0 | 126,4 | <1.0 | <1.0 | <1.0 | 3,6 | <0.5 | <0.5 |
| Maximum | | 4 | 493 | 350 | 4,4 | 32,0 | 126,4 | <1.0 | <1.0 | <1.0 | 3,6 | <0.5 | <0.5 |
| St.Dev | | | | | | | | | | | | | |
| Count | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Comments

!Station: Åkrefjord Fished at dec.2004
 Why is tissue missing?

sample no.

1 Bulk in NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20060226** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Fish sampled 25.-26.feb.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no4

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20060226** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|--------|------|------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | | |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 X | 4 | 244 | 286 | 1,8 | 21,0 | 6,7 | 0.125 | 8.49 | 0.10 | 35.9 | 1.6 | 0.44 | 1.2 | 0.85 | 2.4 | 3.7 | 4.6 | ≤0.36 | 1.4 | <0.2 | 15 | s<17 | | | | | | | | | |
| 2/1 X | 4 | 360 | 316 | 2,9 | 21,0 | 7,1 | 0.151 | 8.95 | 0.09 | 40.5 | <0.2 | <0.2 | 1.1 | 0.43 | 1.6 | 4.2 | 5.8 | 0.37 | 2.6 | <0.2 | <16 | <16 | | | | | | | | | |
| 3/1 X | 5 | 383 | 329 | 3,0 | 20,0 | 4,3 | 0.248 | 10.5 | 0.19 | 41.3 | 0.20 | 0.23 | 1.3 | 0.46 | 1.6 | 3.0 | 4.2 | 0.28 | 1.2 | <0.2 | 12 | <13 | | | | | | | | | |
| 4/1 M | 6 | 463 | 348 | 3,7 | 32,0 | 15,0 | 0.100 | 8.31 | 0.31 | 36.1 | 1.7 | 3.0 | 9.0 | 2.8 | 7.7 | 11 | 15 | 0.99 | 3.7 | <0.2 | 51 | <55 | | | | | | | | | |
| 5/1 X | 5 | 519 | 369 | 2,7 | 27,0 | 13,0 | 0.113 | 11.2 | 0.08 | 42.2 | 1.3 | 2.2 | 5.6 | 1.9 | 5.1 | 7.8 | 11 | 0.75 | 3.0 | <0.2 | 36 | <39 | | | | | | | | | |
| Mean | 5 | 394 | 329 | 2,8 | 24,2 | 9,2 | 0,15 | 9,49 | 0,15 | 39,2 | <1.0 | <1.2 | 3,6 | 1,3 | 3,7 | 5,9 | 8,1 | 0,6 | 2,4 | <<0.2 | <26 | <<31 | | | | | | | | | |
| Minimum | 4 | 244 | 286 | 1,8 | 20,0 | 4,3 | 0,10 | 8,31 | 0,08 | 35,9 | <0.2 | <0.2 | 1,1 | 0,4 | 1,6 | 3,0 | 4,2 | 0,3 | 1,2 | <0.2 | | 12 | <13 | | | | | | | | |
| Maximum | 6 | 519 | 369 | 3,7 | 32,0 | 15,0 | 0,25 | 11,20 | 0,31 | 42,2 | 1,7 | 3,0 | 9,0 | 2,8 | 7,7 | 11,0 | 15,0 | 1,0 | 3,7 | <0.2 | | 51 | <55 | | | | | | | | |
| St.Dev | 1 | 105 | 32 | 0,7 | 5,2 | 4,5 | 0,06 | 1,29 | 0,10 | 3,0 | ~0.7 | ~1.3 | 3,6 | 1,0 | 2,7 | 3,4 | 4,7 | 0,3 | 1,1 | ~0.0 | ~17 | ~20 | | | | | | | | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | | | | | | | | |

s/q(2) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | |
|--------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|------|---|
| Analysis code => | | | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam:Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 X | 4 | 244 | 286 | 2.6 | 1.3 | 11.6 | <0.2 | <0.2 | <0.2 | 1.2 | <0.1 | <0.2 | | | |
| 2/1 X | 4 | 360 | 316 | 0.94 | 0.67 | 8.4 | <0.2 | <0.2 | <0.2 | 2.1 | <0.1 | <0.2 | | | |
| 3/1 X | 5 | 383 | 329 | 1.0 | 1.0 | 8.6 | <0.2 | <0.2 | <0.2 | 0.73 | <0.1 | <0.2 | | | |
| 4/1 M | 6 | 463 | 348 | 1.4 | 11 | 37.4 | 0.43 | 0.26 | 0.7 | 5.1 | 0.13 | 0.45 | | | |
| 5/1 X | 5 | 519 | 369 | 1.6 | 8.3 | 30.9 | 0.34 | 0.26 | 0.6 | 3.8 | <0.1 | 0.32 | | | |
| Mean | 5 | 394 | 329 | 1,5 | 4,5 | 19,4 | <<0.3 | <<0.2 | <<0.4 | 2,6 | <<0.1 | <<0.3 | | | |
| Minimum | 4 | 244 | 286 | 0,9 | 0,7 | 8,4 | <0.2 | <0.2 | <0.2 | 0,7 | <0.1 | <0.2 | | | |
| Maximum | 6 | 519 | 369 | 2,6 | 11,0 | 37,4 | 0,4 | 0,3 | 0,7 | 5,1 | 0,1 | 0,5 | | | |
| St.Dev | 1 | 105 | 32 | 0,7 | 4,8 | 13,7 | ~0.1 | ~0.0 | ~0.2 | 1,8 | ~0.0 | ~0.1 | | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

s/q(2) ! Suspect value

Comments

- Station: Åkrafjord Fish sampled 25.-26.feb.2006
 sample no.
 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex no4
 2 Bulk of NIVA no 6,7,8,9,10
 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 12
 4 Bulk of NIVA no 16,17,18,19,20
 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no 23,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20070101** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Water depth 10-20m

sample no.

- 1 Bulk of NIVA no1,2,3,4,5 Liver colour: yellow brown 1,2,3 red brown 4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 10
Liver colour: red brown 6,7,8 brown 9 yellow brown 10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver colour: yellow red 11 red yellow 12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 16,19,20
Liver colour: red yellow 16 , Yellow17 red brown18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 25
Age uncertain no 21,22,23 Liver colour: red 21 red brown22 yellow23 red yellow 24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20070101** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|--------|------|------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|---|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | | |
| Detection limit => | | | | Mean | 0.00 | 0.01 | 0.04 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 M | 3 | 359 | 311 | 2,6 | 19,0 | 5,7 | 0.111 | 8.09 | 0.11 | 30.6 | 0.52 | 5.8 | 20 | 6.7 | 26 | 22 | 24 | 1.4 | 4.4 | <0.20 | 103 | <111 | | | | | | | | |
| 2/1 X | 3 | 339 | 322 | 3,0 | 24,0 | 8,2 | 0.151 | 21.1 | 0.12 | 48.8 | 0.32 | 0.58 | 1.7 | 0.40 | 1.5 | 2.7 | 3.6 | <0.20 | 1.1 | <0.20 | 12 | <12 | | | | | | | | |
| 3/1 X | 3 | 391 | 331 | 3,2 | 23,0 | 7,2 | 0.129 | 18.2 | 0.075 | 42.1 | 0.24 | 0.35 | 1.4 | 0.37 | 1.5 | 2.4 | 3.0 | <0.20 | 1.0 | <0.20 | 10 | <10 | | | | | | | | |
| 4/1 X | 3 | 469 | 350 | 7,6 | 24,0 | 7,4 | 0.121 | 14.0 | 0.083 | 43.2 | 0.99 | 1.3 | 2.5 | 1.0 | 2.7 | 4.4 | 6.2 | 0.28 | 2.0 | <0.20 | 20 | <22 | | | | | | | | |
| 5/1 X | 5 | 644 | 385 | 9,9 | 24,0 | 9,0 | 0.189 | 13.8 | 0.11 | 30.00 | 0.67 | 2.4 | 5.3 | 2.2 | 6.6 | 12 | 18 | 0.91 | 5.3 | <0.20 | 50 | <54 | | | | | | | | |
| Mean | 3 | 441 | 340 | 5,3 | 22,8 | 7,5 | 0,14 | 15,04 | 0,10 | 38,9 | 0,5 | 2,1 | 6,2 | 2,1 | 7,7 | 8,7 | 11,0 | <<0.6 | 2,8 | <<0.2 | 39 | <<42 | | | | | | | | |
| Minimum | 3 | 339 | 311 | 2,6 | 19,0 | 5,7 | 0,11 | 8,09 | 0,08 | 30,0 | 0,2 | 0,4 | 1,4 | 0,4 | 1,5 | 2,4 | 3,0 | <0.2 | 1,0 | <0.2 | 10 | <10 | | | | | | | | |
| Maximum | 5 | 644 | 385 | 9,9 | 24,0 | 9,0 | 0,19 | 21,10 | 0,12 | 48,8 | 1,0 | 5,8 | 20,0 | 6,7 | 26,0 | 22,0 | 24,0 | 1,4 | 5,3 | <0.2 | 103 | <111 | | | | | | | | |
| St.Dev | 1 | 124 | 29 | 3,3 | 2,2 | 1,2 | 0,03 | 4,94 | 0,02 | 8,3 | 0,3 | 2,2 | 7,9 | 2,7 | 10,5 | 8,4 | 9,5 | ~0.5 | 2,0 | ~0.0 | 39 | ~43 | | | | | | | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | |
|--------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|------|------|------|---|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sam:Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | | |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 M | 3 | 359 | 311 | miss | 0.85 | 5.7 | <0.20 | <0.20 | <0.2 | 0.66 | <0.10 | <0.20 | | | | | |
| 2/1 X | 3 | 339 | 322 | <0.80 | 0.60 | <3.9 | <0.20 | <0.20 | <0.2 | 1.2 | 0.11 | <0.20 | | | | | |
| 3/1 X | 3 | 391 | 331 | <0.80 | 0.54 | <4.1 | <0.20 | <0.20 | <0.2 | 1.3 | 0.10 | <0.20 | | | | | |
| 4/1 X | 3 | 469 | 350 | <0.80 | 1.3 | <7.1 | <0.20 | <0.20 | <0.2 | 0.96 | 0.13 | <0.20 | | | | | |
| 5/1 X | 5 | 644 | 385 | 2.4 | 2.8 | 19.2 | <0.20 | <0.20 | <0.2 | 1.6 | 0.17 | <0.20 | | | | | |
| Mean | 3 | 441 | 340 | <<1.2 | 1,2 | <<8.0 | <<0.2 | <<0.2 | <<0.2 | 1,1 | <0.1 | <<0.2 | | | | | |
| Minimum | 3 | 339 | 311 | <0.8 | 0,5 | <3.9 | <0.2 | <0.2 | <0.2 | 0,7 | <0.1 | <0.2 | | | | | |
| Maximum | 5 | 644 | 385 | 2,4 | 2,8 | 19,2 | <0.2 | <0.2 | <0.2 | 1,6 | 0,2 | <0.2 | | | | | |
| St.Dev | 1 | 124 | 29 | ~0.8 | 0,9 | ~6.4 | ~0.0 | ~0.0 | ~0.0 | 0,4 | ~0.0 | ~0.0 | | | | | |
| Count | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(1) ! Missing value

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Comments

Station: Åkrafjord Water depth 10-20m

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver colour: yellow brown 1,2,3 red brown 4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 10
Liver colour: red brown 6,7,8 brown 9 yellow brown 10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver colour: yellow red 11 red yellow 12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 16,19,20
Liver colour: red yellow 16 , Yellow17 red brown18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 25
Age uncertain no 21,22,23 Liver colour: red 21 red brown22 yellow23 red yellow 24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20021008** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 21,22,23,24,25
- 2 Bulk of NIVA no 16,17,18,19,20
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 6,7,8,9,10
- 5 Bulk of NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
 Catch,date : **20021008** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|--|-----|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | |
| 1/1 | X | 2 | 287 | 274 | 12,1 | 19,6 | 0,6 | 0.107 | 0.22 | 0.22 | 0.19 | 0.18 | 0.38 | 0.50 | 0.70 | <0.05 | 0.18 | 0.13 | 2 | <3 | 0.95 | 0.10 | 1.1 | | | | | | | | | | | | | | |
| 2/1 | M | 2 | 380 | 304 | 12,2 | 22,0 | 0,6 | 0.042 | 0.10 | 0.15 | 0.14 | 0.12 | 0.25 | 0.34 | 0.43 | <0.05 | 0.12 | <0.05 | 2 | <2 | 0.55 | <0.10 | <0.7 | | | | | | | | | | | | | | |
| 3/1 | X | 3 | 438 | 324 | 14,0 | 23,2 | 0,5 | 0.052 | 0.09 | 0.13 | 0.18 | 0.15 | 0.35 | 0.49 | 0.59 | <0.05 | 0.16 | <0.05 | 2 | <2 | 0.43 | <0.10 | <0.5 | | | | | | | | | | | | | | |
| 4/1 | X | 3 | 459 | 332 | 14,0 | 20,3 | 0,5 | 0.033 | 0.07 | 0.11 | 0.13 | 0.11 | 0.24 | 0.25 | 0.32 | <0.05 | 0.08 | <0.05 | 1 | <1 | 0.35 | <0.10 | <0.5 | | | | | | | | | | | | | | |
| 5/1 | X | 6 | 703 | 380 | 14,0 | 21,5 | 0,5 | 0.024 | 0.06 | 0.08 | 0.09 | 0.07 | 0.15 | 0.21 | 0.26 | <0.05 | 0.08 | <0.05 | 1 | <1 | 0.28 | <0.10 | <0.4 | | | | | | | | | | | | | | |
| Mean | | 3 | 453 | 323 | 13,3 | 21,3 | 0,5 | 0,052 | 0,1 | 0,1 | 0,1 | 0,1 | 0,3 | 0,4 | 0,5 | <<0.1 | 0,1 | <<0.1 | 2 | <<2 | 0,5 | <<0.1 | <<0.6 | | | | | | | | | | | | | | |
| Minimum | | 2 | 287 | 274 | 12,1 | 19,6 | 0,5 | 0,024 | 0,1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | 1 | <1 | 0,3 | <0.1 | <0.4 | | | | | | | | | | | | | | |
| Maximum | | 6 | 703 | 380 | 14,0 | 23,2 | 0,6 | 0,107 | 0,2 | 0,2 | 0,2 | 0,2 | 0,4 | 0,5 | 0,7 | <0.1 | 0,2 | 0,1 | 2 | <3 | 1,0 | 0,1 | 1,1 | | | | | | | | | | | | | | |
| St.Dev | | 2 | 155 | 39 | 1,0 | 1,4 | 0,1 | 0,033 | 0,1 | 0,1 | 0,0 | 0,0 | 0,1 | 0,1 | 0,2 | ~0.0 | 0,0 | ~0.0 | 1 | ~1 | 0,3 | ~0.0 | ~0.3 | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | |

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 2 | 287 | 274 | <0.05 | <0.1 | 0.05 | <0.03 | 0.03 |
| 2/1 | M | 2 | 380 | 304 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| 3/1 | X | 3 | 438 | 324 | <0.05 | <0.1 | <0.05 | <0.03 | <0.03 |
| 4/1 | X | 3 | 459 | 332 | <0.05 | <0.1 | <0.05 | <0.03 | <0.03 |
| 5/1 | X | 6 | 703 | 380 | <0.05 | <0.1 | <0.05 | <0.03 | <0.03 |
| Mean | | 3 | 453 | 323 | <<0.1 | <<0.1 | <<0.1 | <<0.0 | <<0.0 |
| Minimum | | 2 | 287 | 274 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 |
| Maximum | | 6 | 703 | 380 | <0.1 | <0.1 | 0,1 | <0.0 | 0,0 |
| St.Dev | | 2 | 155 | 39 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 21,22,23,24,25
- 2 Bulk of NIVA no 16,17,18,19,20
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 6,7,8,9,10
- 5 Bulk of NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20031009** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no6,7,8,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 11,12,13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simplex 18
Age uncertain no16,17,19
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
 Catch,date : **20031009** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|-------|--------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---|------|---|------|---|------|---|------|---|------|---|------|--|-----|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | | | |
| 1/1 | X | 2 | 293 | 290 | 17,0 | 25,4 | 0,3 | 0.026 | 0.06 | miss | 0.12 | 0.09 | 0.17 | 0.25 | 0.29 | <0.05 | 0.11 | <0.05 | 1 | <1 | 0.49 | <0.07 | <0.6 | | | | | | | | | | | | | | | | |
| 2/1 | X | 2 | 330 | 296 | 14,2 | 25,5 | 0,7 | 0.021 | 0.08 | miss | 0.13 | 0.11 | 0.18 | 0.24 | 0.28 | <0.05 | 0.10 | <0.05 | 1 | <1 | 0.40 | <0.07 | <0.5 | | | | | | | | | | | | | | | | |
| 3/1 | X | 3 | 376 | 306 | 14,6 | 23,9 | 0,6 | 0.038 | 0.08 | miss | 0.16 | 0.11 | 0.22 | 0.30 | 0.36 | <0.05 | 0.13 | <0.05 | 1 | <1 | 0.53 | 0.08 | 0.6 | | | | | | | | | | | | | | | | |
| 4/1 | X | 4 | 406 | 327 | 11,2 | 24,8 | 0,6 | 0.054 | 0.17 | miss | 0.52 | 0.26 | 0.65 | 1.0 | 1.3 | 0.09 | 0.45 | <0.05 | 4 | <4 | 0.57 | 0.11 | 0.7 | | | | | | | | | | | | | | | | |
| 5/1 | X | 6 | 537 | 348 | 12,8 | 23,5 | 0,5 | 0.070 | 0.11 | miss | 0.21 | 0.17 | 0.32 | 0.45 | 0.58 | <0.05 | 0.19 | <0.05 | 2 | <2 | 0.61 | 0.09 | 0.7 | | | | | | | | | | | | | | | | |
| Mean | | 4 | 389 | 313 | 14,0 | 24,6 | 0,5 | 0.042 | 0,1 | | 0,2 | 0,1 | 0,3 | 0,4 | 0,6 | <<0.1 | 0,2 | <<0.1 | 2 | <<2 | 0,5 | <<0.1 | <<0.6 | | | | | | | | | | | | | | | | |
| Minimum | | 2 | 293 | 290 | 11,2 | 23,5 | 0,3 | 0.021 | 0,1 | | 0,1 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | 1 | <1 | 0,4 | <0.1 | <0.5 | | | | | | | | | | | | | | | | |
| Maximum | | 6 | 537 | 348 | 17,0 | 25,5 | 0,7 | 0.070 | 0,2 | | 0,5 | 0,3 | 0,7 | 1,0 | 1,3 | 0,1 | 0,5 | <0.1 | 4 | <4 | 0,6 | 0,1 | 0,7 | | | | | | | | | | | | | | | | |
| St.Dev | | 2 | 93 | 24 | 2,1 | 0,9 | 0,2 | 0.020 | 0,0 | | 0,2 | 0,1 | 0,2 | 0,3 | 0,4 | ~0.0 | 0,1 | ~0.0 | 1 | ~1 | 0,1 | ~0.0 | ~0.1 | | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

miss(5) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 2 | 293 | 290 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| 2/1 | X | 2 | 330 | 296 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 3/1 | X | 3 | 376 | 306 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| 4/1 | X | 4 | 406 | 327 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 5/1 | X | 6 | 537 | 348 | <0.05 | <0.1 | 0.07 | <0.03 | <0.03 |
| Mean | | 4 | 389 | 313 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 2 | 293 | 290 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 6 | 537 | 348 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 2 | 93 | 24 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(5) ! Missing value

Comments

- Station: Sande (east side)
- sample no.
- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no6,7,8,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 11,12,13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simplex 18 Age uncertain no16,17,19
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20041015** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side) Fished in october

sample no.

| | |
|----------------------------------|------------------------|
| 1 Bulk of NIVA no 1,2,3,4,5 | Age uncertain 4,5 |
| 2 Bulk of NIVA no 6,7,8,9,10 | Age uncertain 6,9 |
| 3 Bulk of NIVA no 11,12,13,14,15 | Age uncertain 15 |
| 4 Bulk of NIVA no 16,17,18,19,20 | Age uncertain 16,17,19 |
| 5 Bulk of NIVA no 21,22,23,24,25 | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
 Catch,date : **20041015** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 542 | 361 | 20,4 | 20,9 | 0,4 | 0.106 | 0.05 | 0.07 | 0.11 | 0.07 | 0.15 | 0.23 | 0.30 | <0.05 | 0.07 | <0.05 | 1 | <1 | 0.33 | 0.05 | 0.4 | |
| 2/1 | X | 5 | 396 | 326 | 20,3 | 21,8 | 0,4 | 0.078 | <0.05 | 0.07 | 0.10 | 0.06 | 0.14 | 0.22 | 0.29 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.27 | <0.05 | <0.3 | |
| 3/1 | X | 3 | 349 | 305 | 10,4 | 22,0 | 0,4 | 0.029 | <0.05 | 0.06 | 0.07 | 0.05 | 0.10 | 0.17 | 0.20 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.25 | 0.05 | 0.3 | |
| 4/1 | X | 3 | 314 | 297 | 10,3 | 22,1 | 0,4 | 0.033 | <0.05 | 0.05 | 0.06 | <0.05 | 0.07 | 0.14 | 0.13 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.15 | <0.05 | <0.2 | |
| 5/1 | X | 2 | 287 | 285 | 10,2 | 21,0 | 0,3 | 0.036 | <0.05 | miss | <0.05 | <0.05 | 0.06 | 0.12 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.15 | <0.05 | <0.2 | |
| Mean | | 4 | 378 | 315 | 14,3 | 21,6 | 0,4 | 0.056 | <<0.1 | 0,1 | <0.1 | <<0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.1 | <<0.3 | |
| Minimum | | 2 | 287 | 285 | 10,2 | 20,9 | 0,3 | 0.029 | <0.1 | 0,1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.1 | <0.2 | |
| Maximum | | 5 | 542 | 361 | 20,4 | 22,1 | 0,4 | 0.106 | 0,1 | 0,1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | 1 | <1 | 0,3 | 0,1 | 0,4 |
| St.Dev | | 1 | 100 | 30 | 5,5 | 0,6 | 0,1 | 0.034 | ~0.0 | 0,0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------------------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 542 | 361 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 2/1 | X | 5 | 396 | 326 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 3/1 | X | 3 | 349 | 305 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 4/1 | X | 3 | 314 | 297 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 5/1 | X | 2 | 287 | 285 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| Mean | | 4 | 378 | 315 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.0 |
| Minimum | | 2 | 287 | 285 | <0.1 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | | 5 | 542 | 361 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev | | 1 | 100 | 30 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

Comments

Station: Sande (east side) Fished in october

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain 4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 6,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 15
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain 16,17,19
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
Catch,date : **20051001** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 102,01g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 101,6g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 102,55g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 102,7g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 104,1g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0E
 Catch,date : **20051001** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | NIVA | | | | | | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|------|------|------|------|------|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTTPP | TDEPP | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 3 | 535 | 343 | 20,0 | 0,3 | 0,074 | <0.05 | 0.05 | 0.05 | 0.05 | <0.05 | 0.07 | 0.10 | 0.13 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.16 | <0.2 | <0.1 | | | | | | |
| 2/1 | F | 3 | 404 | 322 | 20,0 | 0,4 | 0.035 | <0.05 | 0.09 | 0.07 | 0.05 | 0.09 | 0.14 | 0.18 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.16 | <0.2 | <0.1 | | | | | | | |
| 3/1 | X | 4 | 355 | 306 | 20,0 | 0,5 | 0.045 | 0.08 | 0.16 | 0.24 | 0.14 | 0.29 | 0.39 | 0.54 | <0.05 | 0.13 | <0.05 | 2 | <2 | 0.35 | <0.2 | <0.1 | | | | | | | |
| 4/1 | X | 3 | 324 | 296 | 21,0 | 0,3 | 0.054 | <0.05 | <0.05 | 0.05 | <0.05 | 0.08 | 0.1 | 0.13 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.14 | <0.2 | <0.1 | | | | | | | |
| 5/1 | X | 3 | 302 | 285 | 22,0 | 0,4 | 0.029 | <0.05 | 0.06 | 0.06 | <0.05 | 0.07 | 0.10 | 0.14 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.22 | <0.2 | <0.1 | | | | | | | |
| Mean | | 3 | 384 | 310 | 20,6 | 0,4 | 0,047 | <<0.1 | <0.1 | 0,1 | <<0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.2 | <<0.1 | | | | | | | |
| Minimum | | 3 | 302 | 285 | 20,0 | 0,3 | 0,029 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.2 | <0.1 | | | | | | | |
| Maximum | | 4 | 535 | 343 | 22,0 | 0,5 | 0,074 | 0,1 | 0,2 | 0,2 | 0,1 | 0,3 | 0,4 | 0,5 | <0.1 | 0,1 | <0.1 | 2 | <2 | 0,4 | <0.2 | <0.1 | | | | | | | |
| St.Dev | | 0 | 93 | 23 | 0,9 | 0,1 | 0,018 | ~0.0 | ~0.0 | 0,1 | ~0.0 | 0,1 | 0,1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.0 | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|--|------|--|
| Analysis code => | | | | 341 | | 341 | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 | X | 3 | 535 | 343 | <0.05 | 0.11 | <0.2 | <0.03 | <0.03 | <0.05 | | | |
| 2/1 | F | 3 | 404 | 322 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 | | | |
| 3/1 | X | 4 | 355 | 306 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | |
| 4/1 | X | 3 | 324 | 296 | <0.05 | 0.11 | <0.2 | 0.03 | <0.03 | <0.05 | | | |
| 5/1 | X | 3 | 302 | 285 | <0.05 | 0.08 | <0.1 | <0.03 | <0.03 | <0.05 | | | |
| Mean | | 3 | 384 | 310 | <<0.1 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.1 | | | |
| Minimum | | 3 | 302 | 285 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 | | | |
| Maximum | | 4 | 535 | 343 | <0.1 | 0,1 | <0.2 | 0,0 | <0.0 | <0.1 | | | |
| St.Dev | | 0 | 93 | 23 | ~0.0 | ~0.0 | ~0.1 | ~0.0 | ~0.0 | ~0.0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

Comments
 Station: Sande (east side)

sample no.
 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 102,01g
 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 101,6g
 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 102,55g
 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 102,7g
 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 104,1g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0
Catch,date : **20061001** Count: 25 Sample type: **Individual**

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample : 103,08g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample: 103,52g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 103,75g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 101,42g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 100,73g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **33F Sande (east side)** Latitude: 59°31.70N Longitude: 10°21.0
 Catch,date : **20061001** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|------|--|--|------|--|--|-----|--|--|-----|--|--|-----|--|--|
| Analysis code => | | | | 310 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | 0.005 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.1 | | | 0.2 | | | 0.2 | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | | | | |
| 1/1 | X | 4 | 636 | 375 | 21,0 | 0,3 | 0,067 | <0.05 | <0.10 | 0.06 | 0.06 | 0.09 | 0.16 | 0.24 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.27 | <0.2 | <0.1 | | | | | | | | | | | | | | | | | |
| 2/1 | X | 4 | 468 | 344 | 19,0 | 0,3 | 0,065 | <0.05 | <0.10 | 0.08 | 0.06 | 0.12 | 0.24 | 0.29 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.29 | <0.2 | <0.1 | | | | | | | | | | | | | | | | | |
| 3/1 | X | 3 | 459 | 321 | 21,0 | 0,4 | 0,031 | <0.05 | <0.10 | <0.05 | <0.05 | 0.07 | 0.11 | 0.15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.23 | <0.2 | <0.1 | | | | | | | | | | | | | | | | | |
| 4/1 | X | 3 | 384 | 309 | 22,0 | 0,5 | 0,030 | <0.05 | miss | 0.08 | 0.06 | 0.14 | 0.24 | 0.26 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.25 | <0.2 | <0.1 | | | | | | | | | | | | | | | | | |
| 5/1 | X | 3 | 299 | 286 | 22,0 | 0,4 | 0,030 | <0.05 | <0.05 | 0.06 | 0.16 | 0.34 | 0.27 | 0.34 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.17 | <0.2 | <0.1 | | | | | | | | | | | | | | | | | |
| Mean | | 3 | 449 | 327 | 21,0 | 0,4 | 0,045 | <<0.1 | <<0.1 | <0.1 | <0.1 | 0,2 | 0,2 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.2 | <<0.1 | | | | | | | | | | | | | | | | | |
| Minimum | | 3 | 299 | 286 | 19,0 | 0,3 | 0,030 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.2 | <0.1 | | | | | | | | | | | | | | | | | |
| Maximum | | 4 | 636 | 375 | 22,0 | 0,5 | 0,067 | <0.1 | <0.1 | 0,1 | 0,2 | 0,3 | 0,3 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.2 | <0.1 | | | | | | | | | | | | | | | | | |
| St.Dev | | 1 | 125 | 34 | 1,2 | 0,1 | 0,020 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,1 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.0 | | | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | | |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|-------|--|------|--|-----|--|
| Analysis code => | | | | 341 | | 341 | | Calc | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.03 | | 0.03 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngr | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | |
| 1/1 | X | 4 | 636 | 375 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | | | |
| 2/1 | X | 4 | 468 | 344 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | | | |
| 3/1 | X | 3 | 459 | 321 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | | | |
| 4/1 | X | 3 | 384 | 309 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | | | |
| 5/1 | X | 3 | 299 | 286 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | | | |
| Mean | | 3 | 449 | 327 | <<0.1 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.1 | | | | | |
| Minimum | | 3 | 299 | 286 | <0.1 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 | | | | | |
| Maximum | | 4 | 636 | 375 | <0.1 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 | | | | | |
| St.Dev | | 1 | 125 | 34 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | |

miss(1) ! Missing value

Comments

Station: Sande (east side)

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample : 103,08g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample: 103,52g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 103,75g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 101,42g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 100,73g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: MUSCLE
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20021113** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sørffjorden** Tissue: MUSCLE
 Locality : **53F Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20021113** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|------|--|------|--|------|--|------|--|------|--|------|--|-----|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | | | | |
| 1/1 | F | 7 | 902 | 421 | 11,0 | 21,1 | 0,5 | 0.324 | 0.06 | 0.21 | 0.59 | 0.23 | 0.50 | 0.90 | 1.0 | 0.09 | 0.27 | <0.05 | 4 | <4 | 1.1 | 0.14 | 1.2 | | | | | | | | | | | | | | | | |
| 2/1 | X | 6 | 707 | 398 | 11,4 | 21,4 | 0,5 | 0.625 | <0.05 | 0.08 | 0.24 | 0.06 | 0.18 | 0.39 | 0.53 | <0.05 | 0.17 | <0.05 | <2 | <2 | 0.58 | <0.10 | <0.7 | | | | | | | | | | | | | | | | |
| 3/1 | X | 6 | 548 | 362 | 13,5 | 21,8 | 0,6 | 0.681 | <0.05 | 0.13 | 0.39 | 0.13 | 0.36 | 0.72 | 0.90 | 0.07 | 0.28 | <0.05 | <3 | <3 | 1.0 | 0.11 | 1.1 | | | | | | | | | | | | | | | | |
| 4/1 | X | 5 | 486 | 342 | 17,4 | 21,5 | 0,3 | 0.837 | <0.05 | 0.06 | 0.13 | <0.05 | 0.11 | 0.22 | 0.27 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.44 | <0.10 | <0.5 | | | | | | | | | | | | | | | | |
| 5/1 | M | 4 | 373 | 320 | 13,9 | 21,2 | 0,4 | 0.365 | <0.05 | 0.14 | 0.28 | 0.10 | 0.29 | 0.52 | 0.60 | 0.05 | 0.16 | <0.05 | <2 | <2 | 0.66 | <0.10 | <0.8 | | | | | | | | | | | | | | | | |
| Mean | | 6 | 603 | 369 | 13,5 | 21,4 | 0,5 | 0,566 | <<0.1 | 0,1 | 0,3 | <0.1 | 0,3 | 0,6 | 0,7 | <<0.1 | 0,2 | <<0.1 | <<2 | <<2 | 0,8 | <<0.1 | <<0.9 | | | | | | | | | | | | | | | | |
| Minimum | | 4 | 373 | 320 | 11,0 | 21,1 | 0,3 | 0,324 | <0.1 | 0,1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | <0.1 | <0.5 | | | | | | | | | | | | | | | | |
| Maximum | | 7 | 902 | 421 | 17,4 | 21,8 | 0,6 | 0,837 | 0,1 | 0,2 | 0,6 | 0,2 | 0,5 | 0,9 | 1,0 | 0,1 | 0,3 | <0.1 | 4 | <4 | 1,1 | 0,1 | 1,2 | | | | | | | | | | | | | | | | |
| St.Dev | | 1 | 206 | 41 | 2,6 | 0,3 | 0,1 | 0,217 | ~0.0 | 0,1 | 0,2 | ~0.1 | 0,2 | 0,3 | 0,3 | ~0.0 | 0,1 | ~0.0 | ~1 | ~1 | 0,3 | ~0.0 | ~0.3 | | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | |

| Analytical lab. => | | | | NIVA | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|------|--|
| Analysis code => | | | | 341 | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | F | 7 | 902 | 421 | <0.05 | <0.1 | 0.12 | <0.03 | <0.03 | | |
| 2/1 | X | 6 | 707 | 398 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 | | |
| 3/1 | X | 6 | 548 | 362 | <0.05 | <0.1 | 0.08 | <0.03 | <0.03 | | |
| 4/1 | X | 5 | 486 | 342 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 | | |
| 5/1 | M | 4 | 373 | 320 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 | | |
| Mean | | 6 | 603 | 369 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 | | |
| Minimum | | 4 | 373 | 320 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 | | |
| Maximum | | 7 | 902 | 421 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 | | |
| St.Dev | | 1 | 206 | 41 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

Comments
 Station: Inner Sørffjord

- sample no.
- 1 Bulk of NIVA no 1,2,3,4,5
 - 2 Bulk of NIVA no 6,7,8,9,10
 - 3 Bulk of NIVA no 11,12,13,14,15
 - 4 Bulk of NIVA no 16,17,18,19,20
 - 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: MUSCLE
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20031222** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord Fish sampled between 19.-22.dec.2003

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. Cryptocotyle lingua no3
Muscle with signs of inner bleeding no4
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Muscle with signs of inner bleeding no12
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sørffjorden** Tissue: MUSCLE
 Locality : **53F Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20031222** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 9 | 733 | 409 | 20,3 | 15,9 | 0,3 | 0.492 | <0.05 | miss | 0.24 | 0.07 | 0.19 | 0.27 | 0.44 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.97 | 0.20 | 1.2 | |
| 2/1 | X | 8 | 638 | 383 | 20,3 | 18,4 | 0,4 | 0.488 | <0.05 | 0.10 | 0.17 | 0.05 | 0.12 | 0.18 | 0.26 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.61 | 0.19 | 0.8 | |
| 3/1 | X | 7 | 563 | 368 | 20,3 | 18,6 | 0,5 | 0.601 | <0.05 | 0.14 | 0.20 | 0.06 | 0.15 | 0.22 | 0.32 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.81 | 0.17 | 1.0 | |
| 4/1 | X | 7 | 466 | 355 | 20,7 | 19,0 | 0,5 | 0.542 | <0.05 | 0.13 | 0.17 | 0.05 | 0.12 | 0.18 | 0.27 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.62 | 0.18 | 0.8 | |
| 5/1 | X | 8 | 433 | 344 | 20,6 | 17,0 | 0,6 | 0.500 | <0.05 | 0.16 | 0.20 | 0.07 | 0.17 | 0.26 | 0.39 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.89 | 0.20 | 1.1 | |
| Mean | | 8 | 567 | 372 | 20,4 | 17,8 | 0,5 | 0.525 | <<0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,2 | 0,3 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,8 | 0,2 | 1,0 | |
| Minimum | | 7 | 433 | 344 | 20,3 | 15,9 | 0,3 | 0.488 | <0.1 | 0,1 | 0,2 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,6 | 0,2 | 0,8 | |
| Maximum | | 9 | 733 | 409 | 20,7 | 19,0 | 0,6 | 0.601 | <0.1 | 0,2 | 0,2 | 0,1 | 0,2 | 0,3 | 0,4 | <0.1 | 0,1 | <0.1 | <1 | <1 | 1,0 | 0,2 | 1,2 | |
| St.Dev | | 1 | 123 | 25 | 0,2 | 1,3 | 0,1 | 0.048 | ~0.0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,2 | 0,0 | 0,2 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 9 | 733 | 409 | <0.05 | <0.1 | 0.14 | <0.03 | <0.03 |
| 2/1 | X | 8 | 638 | 383 | <0.05 | <0.1 | 0.13 | <0.03 | <0.03 |
| 3/1 | X | 7 | 563 | 368 | <0.05 | <0.1 | 0.13 | <0.03 | <0.03 |
| 4/1 | X | 7 | 466 | 355 | <0.05 | <0.1 | 0.12 | <0.03 | <0.03 |
| 5/1 | X | 8 | 433 | 344 | <0.05 | <0.1 | 0.12 | <0.03 | <0.03 |
| Mean | | 8 | 567 | 372 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 7 | 433 | 344 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 9 | 733 | 409 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 123 | 25 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

Comments

- Station: Inner Sørffjord Fish sampled between 19.-22.dec.2003
 sample no.
- Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. Cryptocotyle lingua no3
Muscle with signs of inner bleeding no4
 - Bulk of NIVA no 6,7,8,9,10
 - Bulk of NIVA no 11,12,13,14,15 Muscle with signs of inner bleeding no12
 - Bulk of NIVA no 16,17,18,19,20
 - Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: MUSCLE
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20041231** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord Water depth 5-20 meter
Fished in whole december 2004

sample no.

| | | |
|---|--------------------------------|---|
| 1 | Bulk of NIVA no 1,2,3,4,5 | Age uncertain 1,4 |
| 2 | Bulk of NIVA no 6,7,8,9,10 | Age uncertain 8,9,10 Muscle with signs of inner bleeding fish no 10 |
| 3 | Bulk of NIVA no 11,12,13,14,15 | |
| 4 | Bulk of NIVA no 16,17,18,19,20 | Age uncertain 17,18 |
| 5 | Bulk of NIVA no 21,22,23,24,25 | Age uncertain 25 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sørkjorden** Tissue: MUSCLE
 Locality : **53F Inner Sørkjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20041231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 684 | 392 | 20,3 | 21,0 | 0,4 | 0.328 | <0.05 | miss | 0.12 | 0.07 | 0.19 | 0.25 | 0.45 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.44 | 0.15 | 0.05 | |
| 2/1 | X | 5 | 542 | 364 | 20,4 | 20,4 | 0,4 | 0.599 | 0.05 | 0.25 | 0.56 | 0.18 | 0.51 | 0.94 | 1.1 | 0.07 | 0.28 | <0.05 | 4 | <4 | 0.57 | 0.24 | 0.11 | |
| 3/1 | M | 6 | 487 | 345 | 20,2 | 21,8 | 0,3 | 0.461 | <0.05 | 0.05 | 0.18 | 0.11 | 0.25 | 0.58 | 0.71 | <0.05 | 0.16 | <0.05 | <2 | <2 | 0.72 | 0.27 | 0.07 | |
| 4/1 | X | 4 | 336 | 313 | 10,3 | 20,8 | 0,4 | 0.108 | 0.10 | 1.2 | 1.8 | 0.54 | 1.5 | 1.8 | 2.0 | 0.15 | 0.44 | <0.05 | 9 | <10 | 0.65 | 0.21 | 0.10 | |
| 5/1 | X | 3 | 324 | 297 | 10,5 | 20,8 | 0,3 | 0.098 | <0.05 | 0.06 | 0.14 | 0.05 | 0.15 | 0.22 | 0.25 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.20 | 0.07 | <0.05 | |
| Mean | | 5 | 475 | 342 | 16,3 | 21,0 | 0,4 | 0.319 | <<0.1 | 0,4 | 0,6 | 0,2 | 0,5 | 0,8 | 0,9 | <<0.1 | 0,2 | <<0.1 | <<3 | <<4 | 0,5 | 0,2 | <0.1 | |
| Minimum | | 3 | 324 | 297 | 10,3 | 20,4 | 0,3 | 0.098 | <0.1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,2 | 0,1 | <0.1 | |
| Maximum | | 6 | 684 | 392 | 20,4 | 21,8 | 0,4 | 0.599 | 0,1 | 1,2 | 1,8 | 0,5 | 1,5 | 1,8 | 2,0 | 0,2 | 0,4 | <0.1 | 9 | <10 | 0,7 | 0,3 | 0,1 | |
| St.Dev | | 1 | 150 | 38 | 5,4 | 0,5 | 0,1 | 0.219 | ~0.0 | 0,5 | 0,7 | 0,2 | 0,6 | 0,7 | 0,7 | ~0.0 | 0,2 | ~0.0 | ~3 | ~4 | 0,2 | 0,1 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | |
|--------------------|-----|------|------|-------------------------------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 341 Calc 341 341 341 | | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 684 | 392 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 2/1 | X | 5 | 542 | 364 | <0.05 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 3/1 | M | 6 | 487 | 345 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 4/1 | X | 4 | 336 | 313 | <0.05 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 5/1 | X | 3 | 324 | 297 | <0.05 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| Mean | | 5 | 475 | 342 | <<0.1 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.0 |
| Minimum | | 3 | 324 | 297 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | | 6 | 684 | 392 | <0.1 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev | | 1 | 150 | 38 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

Comments

Station: Inner Sørkjord Water depth 5-20 meter
 Fished in whole december 2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain 1,4
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 8,9,10 Muscle with signs of inner bleeding fish no 10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain 17,18
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain 25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J63 Sør fjorden** Tissue: MUSCLE
Locality : **53F Inner Sør fjord** Latitude: 60°10.0N Longitude: 6°34.0E
Catch, date : **20050930** Count: 25 Sample type: **Individual**

Comments

Station: Inner Sør fjord Fish sampled in sept. 2005
All fish stored one week in a cool room, before

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J63 Sørffjorden** Tissue: MUSCLE
 Locality : **53F Inner Sørffjord** Latitude: 60°10.0N Longitude: 6°34.0E
 Catch,date : **20050930** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|-------|--------|------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | F | 7 | 720 | 401 | 18,0 | 0,4 | 0.530 | 0.41 | 0.52 | 0.79 | 0.34 | 0.94 | 1.5 | 1.9 | 0.18 | 0.67 | <0.05 | 7 | <7 | 1.5 | 0.16 | 0.22 | | | |
| 2/1 | X | 6 | 556 | 371 | 19,0 | 0,4 | 0.969 | 0.37 | 1.0 | 1.9 | 0.93 | 2.1 | 3.1 | 3.3 | 0.40 | 0.91 | <0.05 | 13 | <14 | 1.2 | 0.19 | 0.15 | | | |
| 3/1 | M | 6 | 401 | 351 | 19,0 | 0,5 | 0.982 | <0.05 | 0.13 | 0.61 | 0.34 | 0.83 | 1.8 | 2.4 | 0.22 | 0.93 | <0.05 | <7 | <7 | 1.6 | 0.34 | 0.16 | | | |
| 4/1 | M | 5 | 436 | 343 | 20,0 | 0,4 | 0.818 | 0.19 | 0.35 | 0.68 | 0.38 | 0.83 | 1.3 | 1.6 | 0.15 | 0.42 | <0.05 | 5 | <6 | 0.75 | 0.15 | 0.10 | | | |
| 5/1 | X | 4 | 384 | 326 | 19,0 | 0,4 | 0.845 | <0.05 | 0.12 | 0.49 | 0.18 | 0.48 | 1.1 | 1.5 | s0.11 | 0.55 | <0.05 | <4 | s<5 | 1.3 | 0.21 | 0.19 | | | |
| Mean | | 6 | 499 | 358 | 19,0 | 0,4 | 0.829 | <<0.2 | 0,4 | 0,9 | 0,4 | 1,0 | 1,8 | 2,1 | 0,2 | 0,7 | <<0.1 | <<7 | <<9 | 1,3 | 0,2 | 0,2 | | | |
| Minimum | | 4 | 384 | 326 | 18,0 | 0,4 | 0.530 | <0.1 | 0,1 | 0,5 | 0,2 | 0,5 | 1,1 | 1,5 | 0,2 | 0,4 | <0.1 | <4 | <6 | 0,8 | 0,2 | 0,1 | | | |
| Maximum | | 7 | 720 | 401 | 20,0 | 0,5 | 0.982 | 0,4 | 1,0 | 1,9 | 0,9 | 2,1 | 3,1 | 3,3 | 0,4 | 0,9 | <0.1 | 13 | <14 | 1,6 | 0,3 | 0,2 | | | |
| St.Dev | | 1 | 141 | 29 | 0,7 | 0,0 | 0,182 | ~0.2 | 0,4 | 0,6 | 0,3 | 0,6 | 0,8 | 0,7 | 0,1 | 0,2 | ~0.0 | ~3 | ~4 | 0,3 | 0,1 | 0,0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | | |

s/q(2) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|-------|--|------|--|------|--|
| Analysis code => | | | | 341 | | 341 | | Calc | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | |
| 1/1 | F | 7 | 720 | 401 | <0.05 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 | | | | | |
| 2/1 | X | 6 | 556 | 371 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 | | | | | |
| 3/1 | M | 6 | 401 | 351 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 | | | | | |
| 4/1 | M | 5 | 436 | 343 | <0.05 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 | | | | | |
| 5/1 | X | 4 | 384 | 326 | <0.05 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 | | | | | |
| Mean | | 6 | 499 | 358 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 | | | | | |
| Minimum | | 4 | 384 | 326 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | | | | | |
| Maximum | | 7 | 720 | 401 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | | | | | |
| St.Dev | | 1 | 141 | 29 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | |

s/q(2) ! Suspect value

Comments

Station: Inner Sørffjord Fish sampled in sept. 2005
 All fish stored one week in a cool room, before sample no.
 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1
 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8,10
 3 Bulk of NIVA no 11,12,13,14,15
 4 Bulk of NIVA no 16,17,18,19,20
 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20021026** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fished between 1.-26.oct.2002

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20021026** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 760 | 362 | 11,0 | 22,4 | 0,8 | 0.052 | miss | 0.64 | 0.58 | 0.17 | 0.43 | 0.78 | 0.96 | 0.06 | 0.26 | <0.05 | 4 | <4 | 2.3 | 0.72 | 3.0 | |
| 2/1 | X | 5 | 1073 | 389 | 11,3 | 23,1 | 0,7 | 0.049 | miss | <0.05 | 0.25 | 0.07 | 0.18 | 0.30 | 0.37 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.96 | 0.30 | 1.3 | |
| 3/1 | X | 5 | 1099 | 418 | 10,8 | 21,0 | 0,7 | 0.059 | miss | <0.05 | 0.14 | <0.05 | 0.14 | 0.21 | 0.26 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.63 | 0.17 | 0.8 | |
| 4/1 | F | 5 | 1372 | 425 | 12,0 | 24,3 | 1,2 | 0.057 | miss | <0.05 | 0.10 | <0.05 | 0.09 | 0.11 | 0.15 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.46 | 0.10 | 0.6 | |
| 5/1 | F | 6 | 2060 | 511 | 12,6 | 23,9 | 2,2 | 0.089 | miss | <0.05 | 0.14 | <0.05 | 0.11 | 0.17 | 0.21 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.48 | 0.14 | 0.6 | |
| Mean | | 5 | 1272 | 421 | 11,5 | 22,9 | 1,1 | 0.061 | | <<0.2 | 0,2 | <<0.1 | 0,2 | 0,3 | 0,4 | <<0.1 | <0.1 | <<0.1 | <<2 | <<2 | 1,0 | 0,3 | 1,3 | |
| Minimum | | 4 | 760 | 362 | 10,8 | 21,0 | 0,7 | 0.049 | | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,5 | 0,1 | 0,6 | |
| Maximum | | 6 | 2060 | 511 | 12,6 | 24,3 | 2,2 | 0.089 | | 0,6 | 0,6 | 0,2 | 0,4 | 0,8 | 1,0 | 0,1 | 0,3 | <0.1 | | 4 | <4 | 2,3 | 0,7 | 3,0 |
| St.Dev | | 1 | 491 | 56 | 0,7 | 1,3 | 0,6 | 0.016 | | ~0.3 | 0,2 | ~0.1 | 0,1 | 0,3 | 0,3 | ~0.0 | ~0.1 | ~0.0 | ~1 | ~1 | 0,8 | 0,3 | 1,0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(7) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 760 | 362 | 0.12 | 0.2 | 0.54 | 0.04 | <0.03 |
| 2/1 | X | 5 | 1073 | 389 | 0.07 | 0.1 | 0.27 | <0.03 | miss |
| 3/1 | X | 5 | 1099 | 418 | <0.05 | <0.1 | 0.14 | <0.03 | <0.03 |
| 4/1 | F | 5 | 1372 | 425 | <0.05 | <0.1 | 0.11 | <0.03 | <0.03 |
| 5/1 | F | 6 | 2060 | 511 | <0.05 | <0.1 | 0.14 | <0.03 | miss |
| Mean | | 5 | 1272 | 421 | <<0.1 | <<0.1 | 0,2 | <<0.0 | <<0.0 |
| Minimum | | 4 | 760 | 362 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 6 | 2060 | 511 | 0,1 | 0,2 | 0,5 | 0,0 | <0.0 |
| St.Dev | | 1 | 491 | 56 | ~0.0 | ~0.0 | 0,2 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 |

miss(7) ! Missing value

Comments

Station: Strandebarm Fished between 1.-26.oct.2002

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20031030** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fish sampled in october 2003

sample no.

- 1 Bulk of NIVA no 1,2,,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20031030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 684 | 350 | 20,6 | 25,9 | 0,7 | 0.049 | miss | miss | 0.12 | <0.05 | 0.08 | 0.13 | 0.15 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.38 | 0.15 | 0.5 | |
| 2/1 | X | 6 | 941 | 401 | 20,5 | 25,8 | 1,0 | 0.067 | miss | miss | 0.18 | <0.05 | 0.13 | 0.20 | 0.24 | <0.05 | 0.07 | <0.05 | 1 | <1 | 0.68 | 0.21 | 0.9 | |
| 3/1 | X | 7 | 1111 | 414 | 20,6 | 27,0 | 1,3 | 0.074 | miss | miss | 0.21 | 0.06 | 0.15 | 0.25 | 0.30 | <0.05 | 0.09 | <0.05 | 1 | <1 | 0.69 | 0.28 | 1.0 | |
| 4/1 | F | 7 | 1426 | 436 | 20,9 | 25,8 | 0,9 | 0.065 | miss | miss | 0.17 | 0.05 | 0.12 | 0.19 | 0.22 | <0.05 | 0.07 | <0.05 | 1 | <1 | 0.50 | 0.18 | 0.7 | |
| 5/1 | X | 7 | 1506 | 460 | 20,4 | 26,3 | 2,3 | 0.066 | miss | miss | 0.51 | 0.14 | 0.39 | 0.63 | 0.84 | <0.05 | 0.20 | <0.05 | 3 | <3 | 1.7 | 0.58 | 2.3 | |
| Mean | | 6 | 1134 | 412 | 20,6 | 26,2 | 1,2 | 0,064 | | | 0,2 | <<0.1 | 0,2 | 0,3 | 0,4 | <<0.1 | <0.1 | <<0.1 | <1 | <<1 | 0,8 | 0,3 | 1,1 | |
| Minimum | | 5 | 684 | 350 | 20,4 | 25,8 | 0,7 | 0,049 | | | 0,1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,4 | 0,2 | 0,5 | |
| Maximum | | 7 | 1506 | 460 | 20,9 | 27,0 | 2,3 | 0,074 | | | 0,5 | 0,1 | 0,4 | 0,6 | 0,8 | <0.1 | 0,2 | <0.1 | 3 | <3 | 1,7 | 0,6 | 2,3 | |
| St.Dev | | 1 | 341 | 41 | 0,2 | 0,5 | 0,6 | 0,009 | | | 0,2 | ~0.0 | 0,1 | 0,2 | 0,3 | ~0.0 | ~0.1 | ~0.0 | ~1 | ~1 | 0,5 | 0,2 | 0,7 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(10) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 684 | 350 | <0.05 | <0.1 | 0.09 | <0.03 | <0.03 |
| 2/1 | X | 6 | 941 | 401 | <0.05 | <0.1 | 0.12 | <0.03 | <0.03 |
| 3/1 | X | 7 | 1111 | 414 | <0.05 | <0.1 | 0.13 | <0.03 | <0.03 |
| 4/1 | F | 7 | 1426 | 436 | <0.05 | <0.1 | 0.11 | <0.03 | <0.03 |
| 5/1 | X | 7 | 1506 | 460 | 0.07 | 0.1 | 0.29 | <0.03 | <0.03 |
| Mean | | 6 | 1134 | 412 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 5 | 684 | 350 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 7 | 1506 | 460 | 0,1 | 0,1 | 0,3 | <0.0 | <0.0 |
| St.Dev | | 1 | 341 | 41 | ~0.0 | ~0.0 | 0,1 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(10) ! Missing value

Comments

Station: Strandebarm Fish sampled in october 2003

sample no.

- 1 Bulk of NIVA no 1,2,,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20041019** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fished from 1.oct to 19.oct 2004

sample no.

| | |
|----------------------------------|--|
| 1 Bulk of NIVA no 1,2,3,4,5 | Age uncertain 3 |
| 2 Bulk of NIVA no 6,7,8,9,10 | Age uncertain 6,7 Signs of mechanical damage (e.g., net wound) no 8,9 |
| 3 Bulk of NIVA no 11,12,13,14,15 | Age uncertain 12,15 |
| 4 Bulk of NIVA no 16,17,18,19,20 | |
| 5 Bulk of NIVA no 21,22,23,24,25 | Age uncertain 22 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20041019** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 2 | 549 | 330 | 20,9 | 23,6 | 0,1 | 0.037 | miss | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.08 | <0.07 | <0.2 |
| 2/1 | X | 4 | 877 | 372 | 21,7 | 24,8 | 0,4 | 0.064 | <0.05 | <0.05 | 0.21 | <0.05 | 0.08 | 0.16 | 0.17 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.43 | 0.14 | 0.6 | |
| 3/1 | X | 4 | 1114 | 400 | 23,7 | 24,9 | 0,1 | 0.070 | <0.05 | <0.05 | s0.28 | <0.05 | 0.09 | 0.17 | 0.20 | <0.05 | 0.05 | <0.05 | s<1 | s<1 | 0.45 | 0.17 | 0.6 | |
| 4/1 | X | 5 | 1188 | 406 | 21,3 | 24,3 | 0,1 | 0.068 | <0.05 | <0.05 | 0.08 | <0.05 | 0.06 | 0.10 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.11 | <0.07 | <0.2 | |
| 5/1 | F | 5 | 1431 | 434 | 20,3 | 23,6 | 0,1 | 0.062 | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.1 | <0.07 | <0.2 | |
| Mean | | 4 | 1032 | 388 | 21,5 | 24,2 | 0,2 | 0.060 | <<0.1 | <<0.1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,2 | <<0.1 | <<0.4 | |
| Minimum | | 2 | 549 | 330 | 20,3 | 23,6 | 0,1 | 0.037 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | |
| Maximum | | 5 | 1431 | 434 | 23,7 | 24,9 | 0,4 | 0.070 | <0.1 | <0.1 | 0,2 | <0.1 | 0,1 | 0,2 | 0,2 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,5 | 0,2 | 0,6 | |
| St.Dev | | 1 | 335 | 39 | 1,3 | 0,6 | 0,1 | 0.013 | ~0.0 | ~0.0 | 0,1 | ~0.0 | ~0.0 | ~0.1 | ~0.1 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,2 | ~0.0 | ~0.2 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | |

miss(1) ! Missing value s/q(3) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------------------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 2 | 549 | 330 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 2/1 | X | 4 | 877 | 372 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 3/1 | X | 4 | 1114 | 400 | <0.05 | <0.1 | 0.10 | <0.03 | <0.05 |
| 4/1 | X | 5 | 1188 | 406 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 5/1 | F | 5 | 1431 | 434 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| Mean | | 4 | 1032 | 388 | <<0.1 | <<0.1 | <<0.1 | <<0.0 | <<0.1 |
| Minimum | | 2 | 549 | 330 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 |
| Maximum | | 5 | 1431 | 434 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 1 | 335 | 39 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value s/q(3) ! Suspect value

Comments

Station: Strandebarm Fished from 1.oct to 19.oct 2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain 3
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 6,7 Signs of mechanical damage (e.g., net wound) no 8,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 12,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain 22

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebar area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20051030** Count: 25 Sample type: **Individual**

Comments

Station: Strandebar Fish sampled in oct.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Muscle with signs of inner bleeding no3
Age uncertain no 5 Bulk part sample =102,54g
- 2 Bulk of NIVA no 6,7,8,9,10 Skin and/or oral cavity with caligiform and/or
Lernaeopodiform copepods no8 Age uncertain no 6
Bulk part sample =103,93g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 101,96g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 103,0g
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no 22
Bulk part sample = 104,0g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20051030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 6 | 1641 | 452 | 19,0 | 0,7 | 0,095 | <0.05 | 0.05 | 0.12 | <0.05 | 0.12 | 0.20 | 0.24 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.50 | <0.2 | 0.20 | | | | | |
| 2/1 | X | 6 | 1317 | 417 | 19,0 | 0,6 | 0.067 | <0.05 | <0.05 | 0.09 | <0.05 | 0.07 | 0.12 | 0.13 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.33 | <0.2 | 0.12 | | | | | |
| 3/1 | F | 5 | 1122 | 395 | 18,0 | 0,4 | 0.061 | <0.05 | <0.05 | 0.06 | <0.05 | 0.06 | 0.09 | 0.1 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.23 | <0.2 | <0.1 | | | | | |
| 4/1 | X | 4 | 1052 | 379 | 20,0 | 0,6 | 0.047 | <0.05 | 0.08 | 0.22 | 0.07 | 0.20 | 0.34 | 0.40 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.78 | <0.2 | 0.32 | | | | | |
| 5/1 | X | 3 | 719 | 353 | 19,0 | 0,2 | 0.048 | <0.05 | <0.05 | 0.08 | <0.05 | 0.1 | 0.15 | 0.16 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.19 | <0.2 | <0.1 | | | | | |
| Mean | | 5 | 1170 | 399 | 19,0 | 0,5 | 0,064 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,4 | <<0.2 | <<0.2 | | | | | |
| Minimum | | 3 | 719 | 353 | 18,0 | 0,2 | 0,047 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.2 | <0.1 | | | | | |
| Maximum | | 6 | 1641 | 452 | 20,0 | 0,7 | 0,095 | <0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,3 | 0,4 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,8 | <0.2 | 0,3 | | | | | |
| St.Dev | | 1 | 340 | 38 | 0,7 | 0,2 | 0,020 | ~0.0 | ~0.0 | 0,1 | ~0.0 | 0,1 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,2 | ~0.0 | ~0.1 | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|-------|--|------|--|
| Analysis code => | | | | 341 | | 341 | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 | F | 6 | 1641 | 452 | <0.05 | <0.05 | <0.1 | 0.1 | <0.03 | <0.05 | | | |
| 2/1 | X | 6 | 1317 | 417 | <0.05 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 | | | |
| 3/1 | F | 5 | 1122 | 395 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 | | | |
| 4/1 | X | 4 | 1052 | 379 | <0.05 | <0.05 | <0.1 | 0.16 | <0.03 | <0.05 | | | |
| 5/1 | X | 3 | 719 | 353 | <0.05 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 | | | |
| Mean | | 5 | 1170 | 399 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 | | | |
| Minimum | | 3 | 719 | 353 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | | | |
| Maximum | | 6 | 1641 | 452 | <0.1 | <0.1 | <0.1 | 0,2 | <0.0 | <0.1 | | | |
| St.Dev | | 1 | 340 | 38 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

Comments

- Station: Strandebarm Fish sampled in oct.2005
 sample no.
- Bulk of NIVA no 1,2,3,4,5 Muscle with signs of inner bleeding no3
 Age uncertain no 5 Bulk part sample =102,54g
 - Bulk of NIVA no 6,7,8,9,10 Skin and/or oral cavity with caligiform and/or
 Lernaepodiform copepods no8 Age uncertain no 6
 Bulk part sample =103,93g
 - Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 101,96g
 - Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 103,0g
 - Bulk of NIVA no 21,22,23,24,25 Age uncertain no 22
 Bulk part sample = 104,0g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebar area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20060930** Count: 25 Sample type: **Individual**

Comments

Station: Strandebar area Fished 30.sept.-1.oct.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no 3
Signs of mechanical damage (e.g., net wounds) no 3 Bulk part sample = 100,8g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 100,9g
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no15
Bulk part sample = 101,1g
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no16
Bulkpart sample = 101,3g
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no25
Bulk part sample = 100,6g

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Comments

Station: Strandebarm area Fished 30.sept.-1.oct.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no 3
Signs of mechanical damage (e.g., net wounds) no 3 Bulk part sample = 100,8g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 100,9g
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no15
Bulk part sample = 101,1g
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no16
Bulkpart sample = 101,3g
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no25
Bulk part sample = 100,6g

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Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20021020** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord Fishing date uncertain

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20021020** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|---|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 5 | 738 | 390 | 14,6 | 20,3 | 0,7 | 0.046 | <0.05 | 0.08 | 0.21 | 0.07 | 0.21 | 0.27 | 0.42 | <0.05 | 0.11 | <0.05 | <1 | <1 | 0.86 | <0.10 | <1.0 | | | | | |
| 2/1 | X | 5 | 468 | 349 | 15,0 | 18,5 | 0,4 | 0.042 | <0.05 | <0.05 | 0.06 | <0.05 | 0.07 | 0.07 | 0.11 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.16 | <0.10 | <0.3 | | | | | |
| 3/1 | M | 5 | 405 | 333 | 15,0 | 19,4 | 0,7 | 0.053 | <0.05 | 0.09 | 0.22 | 0.10 | 0.34 | 0.32 | 0.40 | <0.05 | 0.09 | <0.05 | <2 | <2 | 0.47 | <0.10 | <0.6 | | | | | |
| 4/1 | M | 4 | 309 | 302 | 15,0 | 18,5 | 0,5 | 0.038 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | <0.05 | 0.09 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.15 | <0.10 | <0.3 | | | | | |
| 5/1 | X | 3 | 216 | 276 | 14,0 | 18,2 | 0,3 | 0.037 | <0.05 | 0.27 | 0.97 | 0.37 | 1.2 | 0.98 | 0.82 | 0.13 | 0.15 | <0.05 | <4 | <5 | 0.16 | <0.10 | <0.3 | | | | | |
| Mean | | 5 | 427 | 330 | 14,7 | 19,0 | 0,5 | 0,043 | <<0.1 | <<0.1 | <0.3 | <<0.1 | | 0,4 | <0.3 | | 0,4 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<2 | | 0,4 | <<0.1 | <<0.5 | | |
| Minimum | | 3 | 216 | 276 | 14,0 | 18,2 | 0,4 | 0,037 | <0.1 | <0.1 | <0.1 | <0.1 | | 0,1 | <0.1 | | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | | 0,2 | <0.1 | <0.3 | | |
| Maximum | | 5 | 738 | 390 | 15,0 | 20,3 | 0,7 | 0,053 | <0.1 | | 0,3 | 1,0 | 0,4 | 1,2 | 1,0 | 0,8 | 0,1 | 0,2 | <0.1 | <4 | <5 | | 0,9 | <0.1 | <1.0 | | | |
| St.Dev | | 1 | 198 | 44 | 0,5 | 0,9 | 0,2 | 0,007 | ~0.0 | ~0.1 | ~0.4 | ~0.1 | | 0,5 | ~0.4 | | 0,3 | ~0.0 | ~0.0 | ~0.0 | ~2 | ~2 | | 0,3 | ~0.0 | ~0.3 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 738 | 390 | <0.05 | <0.1 | 0.10 | <0.03 | <0.03 |
| 2/1 | X | 5 | 468 | 349 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 3/1 | M | 5 | 405 | 333 | <0.05 | <0.1 | 0.07 | <0.03 | <0.03 |
| 4/1 | M | 4 | 309 | 302 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 5/1 | X | 3 | 216 | 276 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| Mean | | 5 | 427 | 330 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 3 | 216 | 276 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | | 5 | 738 | 390 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 198 | 44 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrefjord Fishing date uncertain

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20041231** Count: 5 Sample type: **Individual**

Comments

!Station: Åkrefjord Fished at dec.2004
Why is tissue missing?

sample no.

- 1 Bulk in NIVA no 1,2,3,4,5
- 2 !
- 3 !
- 4 !
- 5 !

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20041231** Count: 5 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 310 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | Calc | Calc | 341 | 341 | Calc | |
| Detection limit => | | | | Mean | 0.005 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.05 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 493 | 350 | 20,5 | 20,0 | 0,3 | 0,021 | 0,06 | 0,12 | 0,24 | 0,08 | 0,23 | 0,36 | 0,44 | <0.05 | 0,11 | <0.05 | 2 | <2 | 1,2 | 0,34 | 1,5 |
| Mean | | 4 | 493 | 350 | 20,5 | 20,0 | 0,3 | 0,021 | 0,1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,4 | 0,4 | <<0.1 | 0,1 | <<0.1 | 2 | <<2 | 1,2 | 0,3 | 1,5 |
| Minimum | | 4 | 493 | 350 | 20,5 | 20,0 | 0,3 | 0,021 | 0,1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,4 | 0,4 | <0.1 | 0,1 | <0.1 | 2 | <2 | 1,2 | 0,3 | 1,5 |
| Maximum | | 4 | 493 | 350 | 20,5 | 20,0 | 0,3 | 0,021 | 0,1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,4 | 0,4 | <0.1 | 0,1 | <0.1 | 2 | <2 | 1,2 | 0,3 | 1,5 |
| St.Dev | | | | | | | | | | | | | | | | | | | | | | | |
| Count | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | | |
| Detection limit => | | | | 0.05 | | 0.05 | 0.05 | 0.05 | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC | Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 493 | 350 | <0.05 | <0.1 | 0.09 | <0.03 | <0.03 | |
| Mean | | 4 | 493 | 350 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 | |
| Minimum | | 4 | 493 | 350 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 | |
| Maximum | | 4 | 493 | 350 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 | |
| St.Dev | | | | | | | | | | |
| Count | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Comments

!Station: Åkrefjord Fished at dec.2004
 Why is tissue missing?

sample no.

1 Bulk in NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichtys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20060226** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Fish sampled 25.-26.feb.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no4 Bulk part sample = 52,31g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20060226** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 310 | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | 0.005 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 X | 4 | 244 | 286 | 19,0 | 0,2 | 0.046 | 0.06 | <0.05 | s0.09 | <0.05 | 0.11 | 0.20 | 0.26 | <0.05 | 0.09 | <0.05 | s<1 | s<1 | 0.73 | <0.15 | 0.11 | | | |
| 2/1 X | 4 | 360 | 316 | 20,0 | 0,1 | 0.039 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.10 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.30 | <0.15 | <0.08 | | | |
| 3/1 X | 5 | 383 | 329 | 18,0 | 0,2 | 0.047 | <0.05 | <0.05 | 0.09 | <0.05 | 0.14 | 0.25 | 0.34 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.42 | 0.11 | 0.09 | | | |
| 4/1 M | 6 | 463 | 348 | 20,0 | 0,2 | 0.035 | <0.05 | 0.06 | 0.14 | 0.06 | 0.17 | 0.20 | 0.31 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.61 | <0.1 | 0.21 | | | |
| 5/1 X | 5 | 519 | 369 | 18,0 | 0,3 | 0.055 | 0.06 | 0.11 | 0.24 | 0.09 | 0.25 | 0.35 | 0.55 | <0.05 | 0.13 | <0.05 | 2 | <2 | 0.94 | <0.1 | 0.34 | | | |
| Mean | 5 | 394 | 329 | 19,0 | 0,2 | 0.044 | <<0.1 | <<0.1 | <0.1 | <<0.1 | <0.1 | 0,2 | 0,3 | <<0.1 | <0.1 | <<0.1 | <<1 | <<1 | 0,6 | <<0.1 | <0.2 | | | |
| Minimum | 4 | 244 | 286 | 18,0 | 0,1 | 0.035 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,3 | <0.1 | <0.1 | | | |
| Maximum | 6 | 519 | 369 | 20,0 | 0,3 | 0.055 | 0,1 | 0,1 | 0,2 | 0,1 | 0,3 | 0,4 | 0,6 | <0.1 | 0,1 | <0.1 | 2 | <2 | 0,9 | <0.2 | 0,3 | | | |
| St.Dev | 1 | 105 | 32 | 1,0 | 0,1 | 0.008 | ~0.0 | ~0.0 | ~0.1 | ~0.0 | ~0.1 | 0,1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,3 | ~0.0 | ~0.1 | | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | | |

s/q(3) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | |
|--------------------|------|------|------|-------|-------|-------|------|-------|-------|------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam:Sex | Age | Wght | Lngr | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 X | 4 | 244 | 286 | <0.05 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 | | |
| 2/1 X | 4 | 360 | 316 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 | | |
| 3/1 X | 5 | 383 | 329 | <0.05 | <0.05 | <0.1 | 0.06 | <0.02 | <0.05 | | |
| 4/1 M | 6 | 463 | 348 | <0.05 | <0.05 | <0.1 | 0.10 | <0.02 | <0.05 | | |
| 5/1 X | 5 | 519 | 369 | <0.05 | <0.05 | <0.1 | 0.15 | <0.02 | <0.05 | | |
| Mean | 5 | 394 | 329 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 | | |
| Minimum | 4 | 244 | 286 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | | |
| Maximum | 6 | 519 | 369 | <0.1 | <0.1 | <0.1 | 0,2 | <0.0 | <0.1 | | |
| St.Dev | 1 | 105 | 32 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

s/q(3) ! Suspect value

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Åkrafjord Fish sampled 25.-26.feb.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no4 Bulk part sample = 52,31g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 52,11g
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 12
Bulk part sample = 53,34g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 53,9g
- 5 Bulk of NIVA no 21,22,23,24,25 Age uncertain no 23,25
Bulk part sample = 104g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20070101** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Water depth 10-20m

sample no.

- 1 Bulk of NIVA no1,2,3,4,5 Bulk part sample =100,41g
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 10
Bulk part sample = 100,62g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 102,1g
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 16,19,20
Bulk part sample = 102,73g
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 25
Age uncertain no 21,22,23 Bulk part sample: 100,76g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLAT FLE** Platichthys flesus GB: Flounder, N: Skrubbe
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20070101** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | 0.005 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | M | 3 | 359 | 311 | 2,3 | 0,6 | 0.033 | 0.05 | 0.35 | miss | 0.39 | 1.1 | 1.2 | 1.4 | 0.07 | 0.33 | <0.05 | 4 | <5 | 0.37 | <0.2 | <0.1 | | |
| 2/1 | X | 3 | 339 | 322 | 2,3 | 0,6 | 0.046 | 0.05 | 0.09 | <0.25 | 0.06 | 0.17 | 0.29 | 0.38 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.30 | <0.2 | <0.1 | | |
| 3/1 | X | 3 | 391 | 331 | 2,3 | 0,5 | 0.043 | <0.05 | <0.05 | <0.20 | <0.05 | 0.10 | 0.25 | 0.31 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.28 | <0.2 | <0.1 | | |
| 4/1 | X | 3 | 469 | 350 | 2,1 | 0,3 | 0.033 | <0.05 | 0.05 | <0.20 | <0.05 | 0.11 | 0.22 | 0.30 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.29 | <0.2 | <0.1 | | |
| 5/1 | X | 5 | 644 | 385 | 2,2 | 0,4 | 0.106 | <0.05 | 0.14 | <0.30 | 0.08 | 0.31 | 0.45 | 0.66 | <0.05 | 0.23 | <0.05 | <2 | <2 | 0.45 | <0.2 | <0.1 | | |
| Mean | | 3 | 441 | 340 | 2,2 | 0,5 | 0,052 | <<0.1 | <0.1 | <<0.2 | <<0.1 | 0,4 | 0,5 | 0,6 | <<0.1 | 0,2 | <<0.1 | <<2 | <<2 | 0,3 | <<0.2 | <<0.1 | | |
| Minimum | | 3 | 339 | 311 | 2,1 | 0,4 | 0,033 | <0.1 | <0.1 | <0.2 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.2 | <0.1 | | |
| Maximum | | 5 | 644 | 385 | 2,3 | 0,6 | 0,106 | 0,1 | 0,4 | <0.3 | 0,4 | 1,1 | 1,2 | 1,4 | 0,1 | 0,3 | <0.1 | 4 | <5 | 0,5 | <0.2 | <0.1 | | |
| St.Dev | | 1 | 124 | 29 | 0,1 | 0,1 | 0,031 | ~0.0 | ~0.1 | ~0.0 | ~0.1 | 0,4 | 0,4 | 0,5 | ~0.0 | 0,1 | ~0.0 | ~1 | ~2 | 0,1 | ~0.0 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|-------|--|------|--|
| Analysis code => | | | | 341 | | 341 | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.03 | | 0.03 | | 0.05 | |
| Sam | Sex | Age | Wght | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | |
| rep | F/M | year | g | ppb | ppb | ppb | ppb | ppb | ppb | | | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | |
| 1/1 | M | 3 | 359 | 311 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 | | | |
| 2/1 | X | 3 | 339 | 322 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 | | | |
| 3/1 | X | 3 | 391 | 331 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 | | | |
| 4/1 | X | 3 | 469 | 350 | <0.05 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 | | | |
| 5/1 | X | 5 | 644 | 385 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 | | | |
| Mean | | 3 | 441 | 340 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 | | | |
| Minimum | | 3 | 339 | 311 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | | | |
| Maximum | | 5 | 644 | 385 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | | | |
| St.Dev | | 1 | 124 | 29 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

miss(1) ! Missing value

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Åkrafjord Water depth 10-20m

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample =100,41g
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 10
Bulk part sample = 100,62g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 102,1g
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 16,19,20
Bulk part sample = 102,73g
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 25
Age uncertain no 21,22,23 Bulk part sample: 100,76g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20021025** Count: 25 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of Anisakis simpl.no4
- 2 Bulk of NIVA no6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl.no9
Muscle with signs of inner bleeding no10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver a/ointestinal guts with larvae of Anisakis simpl. No14
Signs of mechanical damage (e.g., net wounds) no11
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/orintestinal guts with larvae of Anisakis simpl.no20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/o intestinal guts with larvae of Anisakis simpl.no24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20021025** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | | | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 2 | 120 | 227 | 1,7 | 36,1 | 23,0 | 0.102 | 3.85 | 0.0631 | 20.2 | 3.8 | 7.4 | 57 | 93 | 330 | 340 | 470 | 25 | 71 | 6.1 | 1279 | 1403 | | | | | | | | |
| 2/1 | X | 3 | 125 | 229 | 1,5 | 33,3 | 20,0 | 0.202 | 3.93 | 0.0477 | 20.1 | 1.8 | 3.4 | 11 | 10 | 29 | 64 | 83 | 3.6 | 16 | 5.5 | 208 | 227 | | | | | | | | |
| 3/1 | X | 4 | 166 | 249 | 2,5 | 41,0 | 28,0 | 0.127 | 4.45 | 0.0462 | 22.6 | 3.0 | 7.4 | 25 | 16 | 47 | 87 | 110 | 4.7 | 18 | 4.0 | 297 | 322 | | | | | | | | |
| 4/1 | X | 3 | 184 | 264 | 1,9 | 32,5 | 19,0 | 0.162 | 2.80 | 0.0659 | 20.9 | 2.6 | 7.8 | 32 | 21 | 67 | 130 | 160 | 6.7 | 23 | 5.7 | 422 | 456 | | | | | | | | |
| 5/1 | X | 5 | 299 | 305 | 5,3 | 40,6 | 28,0 | 0.120 | 8.75 | 0.0280 | 31.0 | 1.6 | 3.3 | 12 | 4.7 | 14 | 23 | 37 | 1.3 | 6.5 | <1.6 | 97 | <105 | | | | | | | | |
| Mean | | 4 | 179 | 255 | 2,6 | 36,7 | 23,6 | 0,14 | 4,76 | 0,05 | 23,0 | 2,6 | 5,9 | 27,4 | 28,9 | 97,4 | 128,8 | 172,0 | 8,3 | 26,9 | <4.6 | 461 | <503 | | | | | | | | |
| Minimum | | 2 | 120 | 227 | 1,5 | 32,5 | 19,0 | 0,10 | 2,80 | 0,03 | 20,1 | 1,6 | 3,3 | 11,0 | 4,7 | 14,0 | 23,0 | 37,0 | 1,3 | 6,5 | <1.6 | 97 | <105 | | | | | | | | |
| Maximum | | 5 | 299 | 305 | 5,3 | 41,0 | 28,0 | 0,20 | 8,75 | 0,07 | 31,0 | 3,8 | 7,8 | 57,0 | 93,0 | 330,0 | 340,0 | 470,0 | 25,0 | 71,0 | 6,1 | 1279 | 1403 | | | | | | | | |
| St.Dev | | 1 | 73 | 32 | 1,5 | 4,0 | 4,3 | 0,04 | 2,31 | 0,02 | 4,6 | 0,9 | 2,3 | 18,8 | 36,3 | 131,5 | 124,2 | 172,4 | 9,6 | 25,4 | ~1.8 | 473 | ~520 | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|----------|-------|-------|-------|----------|-------|------|-------|-------|------|------|------|
| Analysis code => | | | | 340 Calc | | 340 | | 340 Calc | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 3 | | 0.5 | | 2 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngt | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 2 | 120 | 227 | 2.4 | 34.4 | <1.6 | <1.6 | <1.6 | 2.1 | <0.8 | <0.8 | | | |
| 2/1 | X | 3 | 125 | 229 | 1.9 | 22.9 | <1.6 | <1.6 | <1.6 | 1.6 | <0.8 | <0.8 | | | |
| 3/1 | X | 4 | 166 | 249 | 3.3 | 34.3 | <1.6 | <1.6 | <1.6 | 2.0 | <0.8 | <0.8 | | | |
| 4/1 | X | 3 | 184 | 264 | 2.9 | 32.9 | <1.6 | <1.6 | <1.6 | 1.8 | <0.8 | <0.8 | | | |
| 5/1 | X | 5 | 299 | 305 | 8.1 | 81.1 | <1.6 | <1.6 | <1.6 | 4.3 | <0.8 | <0.8 | | | |
| Mean | | 4 | 179 | 255 | 3,7 | 41,1 | <<1.6 | <<1.6 | <<1.6 | 2,4 | <<0.8 | <<0.8 | | | |
| Minimum | | 2 | 120 | 227 | 1,9 | 22,9 | <1.6 | <1.6 | <1.6 | 1,6 | <0.8 | <0.8 | | | |
| Maximum | | 5 | 299 | 305 | 8,1 | 81,1 | <1.6 | <1.6 | <1.6 | 4,3 | <0.8 | <0.8 | | | |
| St.Dev | | 1 | 73 | 32 | 2,5 | 22,9 | ~0.0 | ~0.0 | ~0.0 | 1,1 | ~0.0 | ~0.0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

Comments

Station: Færder area

sample no.

- Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of Anisakis simpl.no4
- Bulk of NIVA no6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl.no9
Muscle with signs of inner bleeding no10
- Bulk of NIVA no 11,12,13,14,15 Liver a/o intestinal guts with larvae of Anisakis simpl. No14
Signs of mechanical damage (e.g., net wounds) no11
- Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no20
- Bulk of NIVA no 21,22,23,24,25 Liver a/o intestinal guts with larvae of Anisakis simpl.no24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20031101** Count: 25 Sample type: **Individual**

Comments

Station: Færder area Sampling date uncertain

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Muscle with signs of inner bleeding , no 1
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20041030** Count: 25 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3 Skin with metacercariae of cf. Cryptocotyle lingua no 1,2
Signs of mechanical damage (e.g., net wounds)no 2
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl. No6
Skin with metacercariae of cf. Cryptocotyle lingua no10 Signs of mechanical damage (e.g., net wounds) no10
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 13 Liver a/o intestinal guts with larvae of Anisakis simpl.no13
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20041030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | 0.01 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 198 | 252 | 2,6 | 37,6 | 22,0 | 0.187 | 13.1 | 0.07 | 38.5 | 5.7 | 12 | 39 | 31 | 100 | 150 | 210 | 9.8 | 33 | 3.6 | 550 | 594 | |
| 2/1 | X | 4 | 213 | 267 | 3,0 | 38,0 | 22,0 | 0.188 | 8.46 | 0.05 | 34.5 | 3.1 | 11 | 26 | 13 | 39 | 70 | 83 | 3.6 | 14 | 2.3 | 246 | 265 | |
| 3/1 | F | 5 | 252 | 278 | 5,1 | 35,7 | 23,0 | 0.107 | 9.57 | 0.03 | 32.5 | 5.5 | 26 | 96 | 42 | 140 | 210 | 270 | 14 | 44 | 3.3 | 792 | 851 | |
| 4/1 | F | 6 | 325 | 306 | 4,9 | 30,5 | 15,0 | 0.225 | 8.75 | 0.05 | 33.1 | 6.1 | 23 | 73 | 33 | 98 | 140 | 170 | 8.7 | 28 | 2.1 | 538 | 582 | |
| 5/1 | F | 6 | 442 | 340 | 7,0 | 33,2 | 18,0 | 0.329 | 11.7 | 0.04 | 36.8 | 5.6 | 27 | 71 | 26 | 84 | 120 | 130 | 6.3 | 20 | <1 | 458 | <491 | |
| Mean | | 5 | 286 | 289 | 4,5 | 35,0 | 20,0 | 0,21 | 10,32 | 0,05 | 35,1 | 5,2 | 19,8 | 61,0 | 29,0 | 92,2 | 138,0 | 172,6 | 8,5 | 27,8 | <2.5 | 517 | <557 | |
| Minimum | | 4 | 198 | 252 | 2,6 | 30,5 | 15,0 | 0,11 | 8,46 | 0,03 | 32,5 | 3,1 | 11,0 | 26,0 | 13,0 | 39,0 | 70,0 | 83,0 | 3,6 | 14,0 | <1.0 | 246 | 265 | |
| Maximum | | 6 | 442 | 340 | 7,0 | 38,0 | 23,0 | 0,33 | 13,10 | 0,07 | 38,5 | 6,1 | 27,0 | 96,0 | 42,0 | 140,0 | 210,0 | 270,0 | 14,0 | 44,0 | 3,6 | 792 | 851 | |
| St.Dev | | 1 | 100 | 35 | 1,8 | 3,2 | 3,4 | 0,08 | 2,01 | 0,01 | 2,5 | 1,2 | 7,7 | 28,2 | 10,7 | 36,3 | 50,7 | 72,0 | 3,9 | 11,6 | ~1.0 | 196 | ~211 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|----------|-------|-------|-------|----------|-------|------|-------|-------|--|
| Analysis code => | | | | 340 Calc | | 340 | | 340 Calc | | 340 | | 340 | |
| Detection limit => | | | | 3 | | 0.5 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 4 | 198 | 252 | 1.8 | 20.8 | <1 | <1 | <1.0 | 2.0 | <0.5 | <0.5 | |
| 2/1 | X | 4 | 213 | 267 | 1.4 | 14.4 | <1 | <1 | <1.0 | 1.8 | <0.5 | <0.5 | |
| 3/1 | F | 5 | 252 | 278 | 2.3 | 22.3 | <1 | <1 | <1.0 | 2.2 | <0.5 | 0.71 | |
| 4/1 | F | 6 | 325 | 306 | 2.3 | 19.3 | <1 | <1 | <1.0 | 1.4 | <0.5 | 0.79 | |
| 5/1 | F | 6 | 442 | 340 | 2.4 | 19.4 | <1 | <1 | <1.0 | 1.7 | <0.5 | 0.83 | |
| Mean | | 5 | 286 | 289 | 2,0 | 19,2 | <<1.0 | <<1.0 | <<1.0 | 1,8 | <<0.5 | <<0.7 | |
| Minimum | | 4 | 198 | 252 | 1,4 | 14,4 | <1.0 | <1.0 | <1.0 | 1,4 | <0.5 | <0.5 | |
| Maximum | | 6 | 442 | 340 | 2,4 | 22,3 | <1.0 | <1.0 | <1.0 | 2,2 | <0.5 | 0,8 | |
| St.Dev | | 1 | 100 | 35 | 0,4 | 3,0 | ~0.0 | ~0.0 | ~0.0 | 0,3 | ~0.0 | ~0.2 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

Comments

Station: Færder area

sample no.

- Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3 Skin with metacercariae of cf. Cryptocotyle lingua no 1,2 Signs of mechanical damage (e.g., net wounds)no 2
- Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl. No6 Skin with metacercariae of cf. Cryptocotyle lingua no10 Signs of mechanical damage (e.g., net wounds) no10
- Bulk of NIVA no 11,12,13,14,15 Age uncertain no 13 Liver a/o intestinal guts with larvae of Anisakis simpl.no13
- Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18
- Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20051216** Count: 24 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
no 15
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 19
- 5 Bulk of NIVA no 21,22,23,24 Liver and/or intestinal guts with larvae of Anisakis simplex
no 23,24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20051216** Count: 24 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-----|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | | |
| Detection limit => | | | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | X | 4 | 134 | 235 | 1,2 | 30,0 | 20,0 | 0.085 | 4.90 | 0.05 | 21.9 | 4.4 | 9.6 | 53 | 33 | 120 | 230 | 360 | 14 | 46 | 9.5 | 823 | 880 | | | | | | | | | |
| 2/1 | X | 4 | 179 | 254 | 1,5 | 28,0 | 13,0 | 0.177 | 4.67 | 0.06 | 26.4 | 2.2 | 5.1 | 21 | 15 | 53 | 83 | 140 | s5.6 | 19 | 3.1 | 323 | s347 | | | | | | | | | |
| 3/1 | F | 5 | 205 | 275 | 2,8 | 34,0 | 19,0 | 0.140 | 7.32 | 0.04 | 27.4 | 1.8 | 5.9 | 21 | 8.2 | 28 | 44 | 67 | s2.1 | 7.9 | 1.4 | 176 | s187 | | | | | | | | | |
| 4/1 | X | 5 | 252 | 285 | 3,6 | 37,0 | 23,0 | 0.144 | 3.86 | 0.05 | 22.5 | 9.8 | 21 | 84 | 31 | 130 | 150 | 220 | s9.9 | 27 | 1.4 | 642 | s684 | | | | | | | | | |
| 5/1 | F | 6 | 310 | 306 | 3,6 | 26,0 | 16,0 | 0.291 | 5.54 | 0.06 | 28.0 | 2.3 | 13 | 49 | 21 | 76 | 130 | 210 | s9.0 | 31 | 4.6 | 511 | s546 | | | | | | | | | |
| Mean | | 5 | 216 | 271 | 2,5 | 31,0 | 18,2 | 0,17 | 5,26 | 0,05 | 25,2 | 4,1 | 10,9 | 45,6 | 21,6 | 81,4 | 127,4 | 199,4 | 14,0 | 26,2 | 4,0 | 495 | 880 | | | | | | | | | |
| Minimum | | 4 | 134 | 235 | 1,2 | 26,0 | 13,0 | 0,09 | 3,86 | 0,04 | 21,9 | 1,8 | 5,1 | 21,0 | 8,2 | 28,0 | 44,0 | 67,0 | 14,0 | 7,9 | 1,4 | 176 | 880 | | | | | | | | | |
| Maximum | | 6 | 310 | 306 | 3,6 | 37,0 | 23,0 | 0,29 | 7,32 | 0,06 | 28,0 | 9,8 | 21,0 | 84,0 | 33,0 | 130,0 | 230,0 | 360,0 | 14,0 | 46,0 | 9,5 | 823 | 880 | | | | | | | | | |
| St.Dev | | 1 | 68 | 28 | 1,1 | 4,5 | 3,8 | 0,08 | 1,30 | 0,01 | 2,8 | 3,3 | 6,5 | 26,2 | 10,5 | 43,4 | 70,7 | 108,8 | | 14,2 | 3,4 | 255 | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 1 | | | | | | | | |

s/q(16) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|-------|-------|------|------|------|--|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | Calc | | 340 | | 340 | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | 2 | | 2 | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 4 | 134 | 235 | s3.4 | 2.2 | s30.6 | <1 | <1 | <1.0 | 1.6 | <0.5 | <1 | | | | |
| 2/1 | X | 4 | 179 | 254 | s3.6 | 1.7 | s23.3 | <0.8 | <0.8 | <0.8 | 1.1 | <0.4 | <0.8 | | | | |
| 3/1 | F | 5 | 205 | 275 | <3 | <2 | <24.0 | <1 | <1 | <1.0 | 2.6 | <0.5 | <1 | | | | |
| 4/1 | X | 5 | 252 | 285 | s4.7 | 2.0 | s24.7 | <1 | <1 | <1.0 | 2.0 | <0.5 | 1.0 | | | | |
| 5/1 | F | 6 | 310 | 306 | s5.6 | 4.3 | s52.9 | <1 | <1 | <1.0 | 1.6 | <0.5 | <1 | | | | |
| Mean | | 5 | 216 | 271 | <<3.0 | <2.4 | <<24.0 | <<1.0 | <<1.0 | <<1.0 | 1,8 | <<0.5 | <<1.0 | | | | |
| Minimum | | 4 | 134 | 235 | <3.0 | | 1,7 | <24.0 | <0.8 | <0.8 | <0.8 | 1,1 | <0.4 | <0.8 | | | |
| Maximum | | 6 | 310 | 306 | <3.0 | | 4,3 | <24.0 | <1.0 | <1.0 | <1.0 | 2,6 | <0.5 | 1,0 | | | |
| St.Dev | | 1 | 68 | 28 | | ~1.1 | | <0.1 | <0.1 | <0.1 | 0,6 | ~0.0 | ~0.1 | | | | |
| Count | | 5 | 5 | 5 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

s/q(16) ! Suspect value

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Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
no 15
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 19
- 5 Bulk of NIVA no 21,22,23,24 Liver and/or intestinal guts with larvae of Anisakis simplex
no 23,24

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: LIVER
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20060901** Count: 25 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3,4 Skin with metacercariae of cf. Cryptocotyle lingua no3
Liver colour: yellow red 1,2,5 red yellow 3,4
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 6,9,10 Skin with metacercariae of cf. Cryptocotyle lingua no 9
Liver colour: yellow red 6,7,10 red yellow 8,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 12,15 Skin with metacercariae of cf. Cryptocotyle lingua no11,12
Liver a/or intestinal guts with larvae of Anisakis simpl. 15 Liver colour: red yellow 11,12,15 yelooow red 13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18 Liver a/or intestinal guts with larvae of Anisakis simpl. 18
Liver colour: yellow red
- 5 Bulk of NIVA no 21,22,23,24,25 Liver colour: yellow red

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: LIVER
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20060901** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|------|------|------|--------|------|------|--------|------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 X | 4 | 194 | 260 | 2,2 | 38,0 | 25,0 | 0.128 | 4.46 | 0.0511 | 23.0 | 4.8 | 8.1 | 49 | 44 | 150 | 230 | 320 | 15 | 62 | 7.9 | 824 | 891 | | | | | |
| 2/1 F | 3 | 214 | 272 | 3,6 | 42,0 | 29,0 | 0.0863 | 7.61 | 0.0438 | 26.4 | 4.6 | 9.4 | 47 | 23 | 89 | 140 | 190 | 8.4 | 31 | 4.1 | 511 | 547 | | | | | |
| 3/1 X | 4 | 222 | 286 | 2,3 | 29,0 | 14,0 | 0.193 | 4.25 | 0.0493 | 22.9 | 1.5 | 2.6 | 10 | 9.7 | 45 | 78 | 120 | 4.7 | 20 | 4.9 | 277 | 296 | | | | | |
| 4/1 X | 5 | 284 | 299 | 3,8 | 42,0 | 29,0 | 0.113 | 6.99 | 0.0324 | 25.0 | 4.6 | 9.2 | 36 | 27 | 110 | 190 | 260 | 12 | 49 | 8.6 | 659 | 706 | | | | | |
| 5/1 F | 5 | 388 | 330 | 5,8 | 41,0 | 30,0 | 0.173 | 8.51 | 0.0473 | 27.2 | 8.1 | 23 | 79 | 35 | 110 | 160 | 200 | 9.8 | 40 | 3.2 | 620 | 668 | | | | | |
| Mean | 4 | 260 | 289 | 3,5 | 38,4 | 25,4 | 0,14 | 6,36 | 0,04 | 24,9 | 4,7 | 10,5 | 44,2 | 27,7 | 100,8 | 159,6 | 218,0 | 10,0 | 40,4 | 5,7 | 578 | 622 | | | | | |
| Minimum | 3 | 194 | 260 | 2,2 | 29,0 | 14,0 | 0,09 | 4,25 | 0,03 | 22,9 | 1,5 | 2,6 | 10,0 | 9,7 | 45,0 | 78,0 | 120,0 | 4,7 | 20,0 | 3,2 | 277 | 296 | | | | | |
| Maximum | 5 | 388 | 330 | 5,8 | 42,0 | 30,0 | 0,19 | 8,51 | 0,05 | 27,2 | 8,1 | 23,0 | 79,0 | 44,0 | 150,0 | 230,0 | 320,0 | 15,0 | 62,0 | 8,6 | 824 | 891 | | | | | |
| St.Dev | 1 | 79 | 27 | 1,5 | 5,5 | 6,7 | 0,04 | 1,91 | 0,01 | 1,9 | 2,3 | 7,5 | 24,9 | 12,9 | 38,2 | 56,8 | 75,6 | 3,9 | 16,2 | 2,4 | 202 | 220 | | | | | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

s/q(4) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | |
|--------------------|------|------|------|-------|-------|-------|------|-------|-------|------|------|-------|------|------|--|-----|--|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | Calc | | 340 | | 340 | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | 2 | | 2 | | | |
| Sam:Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | | |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 X | 4 | 194 | 260 | 15 | 2.6 | 60.6 | 1.4 | <0.5 | <1.9 | 2.0 | 0.40 | <0.5 | | | | | |
| 2/1 F | 3 | 214 | 272 | s7.1 | 2.0 | s32.1 | 0.67 | <0.5 | <1.2 | 2.2 | 0.35 | <0.5 | | | | | |
| 3/1 X | 4 | 222 | 286 | 5.7 | 1.2 | 25.9 | <0.5 | <0.5 | <0.5 | 0.98 | <0.3 | <0.5 | | | | | |
| 4/1 X | 5 | 284 | 299 | 10 | 2.6 | 48.6 | 1.2 | <0.5 | <1.7 | 2.4 | 0.48 | <0.5 | | | | | |
| 5/1 F | 5 | 388 | 330 | s9.2 | 3.4 | s47.6 | 0.85 | <0.5 | <1.4 | 2.8 | 0.41 | 0.85 | | | | | |
| Mean | 4 | 260 | 289 | 10,2 | 2,4 | 45,0 | <0.9 | <<0.5 | <<1.3 | 2,1 | <0.4 | <<0.6 | | | | | |
| Minimum | 3 | 194 | 260 | 5,7 | 1,2 | 25,9 | <0.5 | <0.5 | <0.5 | 1,0 | <0.3 | <0.5 | | | | | |
| Maximum | 5 | 388 | 330 | 15,0 | 3,4 | 60,6 | 1,4 | <0.5 | <1.9 | 2,8 | 0,5 | 0,9 | | | | | |
| St.Dev | 1 | 79 | 27 | 4,7 | 0,8 | 17,6 | ~0.4 | ~0.0 | ~0.5 | 0,7 | ~0.1 | ~0.2 | | | | | |
| Count | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | |

s/q(4) ! Suspect value

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Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3,4 Skin with metacercariae of cf. Cryptocotyle lingua no3
Liver colour: yellow red 1,2,5 red yellow 3,4
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 6,9,10 Skin with metacercariae of cf. Cryptocotyle lingua no 9
Liver colour: yellow red 6,7,10 red yellow 8,9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 12,15 Skin with metacercariae of cf. Cryptocotyle lingua no11,12
Liver a/or intestinal guts with larvae of Anisakis simpl. 15 Liver colour: red yellow 11,12,15 yeloow red 13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18 Liver a/or intestinal guts with larvae of Anisakis simpl. 18
Liver colour: yellow red
- 5 Bulk of NIVA no 21,22,23,24,25 Liver colour: yellow red

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20020926** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with ulceration, lymphocytic areas and/or lesions, no2
Liver a/o intestinal guts with larvae of Anisakis simpl. No3
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 8,9
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no17
(Fish malodorous,no17)
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 21,25

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15F Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20020926** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|-----|--|--|-----|--|--|------|--|------|---|--|---|--|
| Analysis code => | | | | 315 | | | 315 | | | 315 | | | 315 | | | 340 | | | 340 | | | 340 | | | 340 | | | 340 | | | Calc | | Calc | | | | |
| Detection limit => | | | | Mean | | | 0.00 | | | 0.01 | | | 0.04 | | | 1 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | | | |
| 1/1 | X | 3 | 302 | 292 | 5,4 | 39,4 | 25,8 | 0.0843 | 5.32 | 0.0196 | 25.9 | <1.0 | miss | 3.4 | 1.9 | 5.4 | 12 | 15 | 0.74 | 3.3 | <1.0 | <40 | <43 | | | | | | | | | | | | | | |
| 2/1 | F | 5 | 328 | 308 | 6,3 | 38,5 | 25,1 | 0.129 | 5.54 | 0.0253 | 29.5 | <1.0 | 1.4 | 3.0 | 2.0 | 6.4 | 14 | 21 | 0.95 | 4.9 | 1.3 | <52 | <56 | | | | | | | | | | | | | | |
| 3/1 | X | 5 | 362 | 318 | 8,3 | 44,7 | 32,5 | 0.109 | 8.30 | 0.0213 | 29.7 | 1.9 | 2.4 | 6.0 | 3.9 | 11 | 23 | 32 | 1.5 | 7.8 | 1.0 | 84 | 91 | | | | | | | | | | | | | | |
| 4/1 | X | 5 | 397 | 333 | 6,7 | 39,0 | 25,1 | 0.146 | 12.2 | 0.0212 | 34.7 | <1.0 | 2.3 | 4.2 | 2.2 | 6.5 | 14 | 18 | 0.87 | 3.8 | <1.0 | <50 | <53 | | | | | | | | | | | | | | |
| 5/1 | F | 6 | 484 | 358 | 8,0 | 35,7 | 21,5 | 0.432 | 9.14 | 0.0177 | 31.7 | <1.0 | s3.1 | 5.6 | 2.7 | 8.4 | 18 | 26 | 1.2 | 5.9 | <1.0 | s<68 | s<72 | | | | | | | | | | | | | | |
| Mean | | 4 | 375 | 322 | 7,0 | 39,5 | 26,0 | 0,18 | 8,10 | 0,02 | 30,3 | <<1.2 | 2,0 | 4,4 | 2,5 | 7,5 | 16,2 | 22,4 | 1,1 | 5,1 | <<1.1 | <<57 | <<61 | | | | | | | | | | | | | | |
| Minimum | | 3 | 302 | 292 | 5,4 | 35,7 | 21,5 | 0,08 | 5,32 | 0,02 | 25,9 | <1.0 | 1,4 | 3,0 | 1,9 | 5,4 | 12,0 | 15,0 | 0,7 | 3,3 | <1.0 | <40 | <43 | | | | | | | | | | | | | | |
| Maximum | | 6 | 484 | 358 | 8,3 | 44,7 | 32,5 | 0,43 | 12,20 | 0,03 | 34,7 | 1,9 | 2,4 | 6,0 | 3,9 | 11,0 | 23,0 | 32,0 | 1,5 | 7,8 | 1,3 | 84 | 91 | | | | | | | | | | | | | | |
| St.Dev | | 1 | 71 | 25 | 1,2 | 3,3 | 4,0 | 0,14 | 2,84 | 0,00 | 3,2 | ~0.4 | 0,6 | 1,3 | 0,8 | 2,2 | 4,4 | 6,7 | 0,3 | 1,8 | ~0.1 | ~19 | ~21 | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | | | | | | | | | | | | | |

miss(1) ! Missing value s/q(3) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|----------|-------|-------|-------|----------|-------|------|-------|-------|--|
| Analysis code => | | | | 340 Calc | | 340 | | 340 Calc | | 340 | | 340 | |
| Detection limit => | | | | 3 | | 0.5 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 3 | 302 | 292 | 0.95 | 12.0 | <1.0 | 1.0 | <2.0 | 2.0 | <0.50 | <0.50 | |
| 2/1 | F | 5 | 328 | 308 | 1.3 | 15.3 | <1.0 | 1.0 | <2.0 | 2.0 | <0.50 | <0.50 | |
| 3/1 | X | 5 | 362 | 318 | 2.7 | 24.7 | <1.0 | 1.4 | <2.4 | 3.3 | <0.50 | <0.50 | |
| 4/1 | X | 5 | 397 | 333 | 1.8 | 16.8 | <1.0 | 1.1 | <2.1 | 2.9 | <0.50 | <0.50 | |
| 5/1 | F | 6 | 484 | 358 | 2.4 | 28.4 | <1.0 | 0.92 | <1.9 | 2.5 | <0.50 | <0.50 | |
| Mean | | 4 | 375 | 322 | 1,8 | 19,4 | <<1.0 | 1,1 | <<2.1 | 2,5 | <<0.5 | <<0.5 | |
| Minimum | | 3 | 302 | 292 | 1,0 | 12,0 | <1.0 | 0,9 | <1.9 | 2,0 | <0.5 | <0.5 | |
| Maximum | | 6 | 484 | 358 | 2,7 | 28,4 | <1.0 | 1,4 | <2.4 | 3,3 | <0.5 | <0.5 | |
| St.Dev | | 1 | 71 | 25 | 0,7 | 6,8 | ~0.0 | 0,2 | ~0.2 | 0,6 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(1) ! Missing value s/q(3) ! Suspect value

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Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with ulceration, lymphocytic areas and/or lesions, no2
Liver a/o intestinal guts with larvae of Anisakis simpl. No3
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 8,9
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no17
(Fish malodorous,no17)
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 21,25

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20031006** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Skin with ulceration, lymphocytic areas and/or lesions 16,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 21,22

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20041005** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8
- 3 Bulk of NIVA no 11,12,13,14,15 Liver a/or intestinal guts with larvae of Anisakis simpl. 11
Age uncertain no 15 Liver with signs of bleeding no13
Signs of mechanical damage (e.g., net wounds) no11,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no19 Lateral line necrosis no 5
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 21

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20041005** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | Calc | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 3 | 246 | 273 | 3,2 | 39,7 | 34,0 | 0.107 | 10.7 | 0.03 | 36.0 | <1 | 1.3 | 3.3 | 1.0 | 3.1 | 7.6 | 8.5 | <1 | 1.7 | <1 | <27 | <28 | |
| 2/1 | X | 3 | 354 | 316 | 4,3 | 36,4 | 23,0 | 0.197 | 13.4 | 0.03 | 36.7 | <1 | 1.6 | 4.9 | 1.6 | 5.4 | 13 | 16 | <1 | 3.2 | <1 | <45 | <47 | |
| 3/1 | X | 4 | 338 | 311 | 3,8 | 38,3 | 24,0 | 0.189 | 5.96 | 0.03 | 27.1 | <1 | miss | 7.3 | 2.6 | 8.5 | 20 | 25 | 1.1 | 5.5 | <1 | <67 | <71 | |
| 4/1 | X | 4 | 404 | 337 | 3,4 | 39,1 | 26,0 | 0.161 | 6.60 | 0.03 | 34.8 | 1.1 | 3.1 | 12 | 3.5 | 12 | 22 | 34 | 1.1 | 5.7 | <1 | 90 | <96 | |
| 5/1 | X | 5 | 512 | 360 | 4,9 | 38,8 | 24,0 | 0.213 | 8.14 | 0.03 | 33.8 | 1.2 | 2.9 | 11 | 3.5 | 12 | 26 | 34 | 1.3 | 6.3 | <1 | 93 | <99 | |
| Mean | | 4 | 371 | 319 | 3,9 | 38,5 | 26,2 | 0,17 | 8,96 | 0,03 | 33,7 | <<1.1 | 2,2 | 7,7 | 2,4 | 8,2 | 17,7 | 23,5 | <<1.1 | 4,5 | <<1.0 | <<64 | <<68 | |
| Minimum | | 3 | 246 | 273 | 3,2 | 36,4 | 23,0 | 0,11 | 5,96 | 0,03 | 27,1 | <1.0 | 1,3 | 3,3 | 1,0 | 3,1 | 7,6 | 8,5 | <1.0 | 1,7 | <1.0 | <27 | <28 | |
| Maximum | | 5 | 512 | 360 | 4,9 | 39,7 | 34,0 | 0,21 | 13,40 | 0,03 | 36,7 | 1,2 | 3,1 | 12,0 | 3,5 | 12,0 | 26,0 | 34,0 | 1,3 | 6,3 | <1.0 | 93 | <99 | |
| St.Dev | | 1 | 97 | 32 | 0,7 | 1,3 | 4,5 | 0,04 | 3,08 | 0,00 | 3,8 | ~0.1 | 0,9 | 3,8 | 1,1 | 4,0 | 7,4 | 11,2 | ~0.1 | 1,9 | ~0.0 | ~29 | ~31 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(2) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | | |
|--------------------|-----|------|------|----------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 Calc | | | | | | | | |
| Detection limit => | | | | 3 | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 246 | 273 | <1 | <8.6 | miss | <1 | <1.0 | 2.6 | <0.5 | <0.5 |
| 2/1 | X | 3 | 354 | 316 | 1.8 | 16.8 | <1 | <1 | <1.0 | 3.1 | <0.5 | <0.5 |
| 3/1 | X | 4 | 338 | 311 | 1.6 | 24.6 | <1 | <1 | <1.0 | 3.1 | <0.5 | <0.5 |
| 4/1 | X | 4 | 404 | 337 | 3.2 | 35.2 | <1 | <1 | <1.0 | 4.3 | <0.5 | <0.5 |
| 5/1 | X | 5 | 512 | 360 | 3.8 | 37.8 | <1 | <1 | <1.0 | 4.2 | <0.5 | <0.5 |
| Mean | | 4 | 371 | 319 | <2.3 | <24.6 | <<1.0 | <<1.0 | <<1.0 | 3,5 | <<0.5 | <<0.5 |
| Minimum | | 3 | 246 | 273 | <1.0 | <8.6 | <1.0 | <1.0 | <1.0 | 2,6 | <0.5 | <0.5 |
| Maximum | | 5 | 512 | 360 | 3,8 | 37,8 | <1.0 | <1.0 | <1.0 | 4,3 | <0.5 | <0.5 |
| St.Dev | | 1 | 97 | 32 | ~1.2 | ~12.3 | ~0.0 | ~0.0 | ~0.0 | 0,8 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 |

miss(2) ! Missing value

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Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8
- 3 Bulk of NIVA no 11,12,13,14,15 Liver a/or intestinal guts with larvae of Anisakis simpl. 11
Age uncertain no 15 Liver with signs of bleeding no13
Signs of mechanical damage (e.g., net wounds) no11,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no19 Lateral line necrosis no 5
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 21

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20051030** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area Fish sampled 25-30oct.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 1,2
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
Age uncertain no 14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 17,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15F Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20051030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 | X | 4 | 288 | 288 | 5,1 | 42,0 | 28,0 | 0.078 | 2.42 | 0.03 | 23.3 | 1.3 | 3.2 | 8.2 | 2.6 | 7.6 | 27 | 50 | s1.4 | 9.1 | <1 | 106 | s<111 | | | | | | | | | | | | | | | |
| 2/1 | F | 5 | 349 | 314 | 8,0 | 38,0 | 25,0 | 0.111 | 2.96 | 0.03 | 27.3 | <1 | 2.0 | 5.9 | 2.0 | 7.1 | 14 | 22 | <1 | 3.9 | <1 | <56 | <58 | | | | | | | | | | | | | | | |
| 3/1 | F | 5 | 416 | 321 | 8,1 | 40,0 | 26,0 | 0.475 | 8.33 | 0.02 | 29.5 | <1 | 5.0 | 8.3 | s2.8 | 10 | 34 | 51 | s1.8 | 8.8 | 1.0 | <118 | s<124 | | | | | | | | | | | | | | | |
| 4/1 | X | 5 | 458 | 345 | 7,5 | 35,0 | 20,0 | 0.225 | 5.36 | 0.03 | 24.2 | <1 | 1.7 | 5.3 | 2.1 | 6.6 | 16 | 28 | <1 | 5.6 | <1 | <64 | <66 | | | | | | | | | | | | | | | |
| 5/1 | X | 6 | 576 | 378 | 9,0 | 28,0 | 15,0 | 0.249 | 5.10 | 0.02 | 24.0 | <1 | 2.4 | 9.3 | 2.8 | 10 | 27 | 47 | 1.5 | 8.9 | <1 | <106 | <110 | | | | | | | | | | | | | | | |
| Mean | | 5 | 417 | 329 | 7,5 | 36,6 | 22,8 | 0,23 | 4,83 | 0,03 | 25,7 | <<1.1 | 2,9 | 7,4 | 2,4 | 8,3 | 23,6 | 39,6 | <<1.2 | 7,3 | <<1.0 | <<90 | <<78 | | | | | | | | | | | | | | | |
| Minimum | | 4 | 288 | 288 | 5,1 | 28,0 | 15,0 | 0,08 | 2,42 | 0,02 | 23,3 | <1.0 | 1,7 | 5,3 | 2,0 | 6,6 | 14,0 | 22,0 | <1.0 | 3,9 | <1.0 | <56 | <58 | | | | | | | | | | | | | | | |
| Maximum | | 6 | 576 | 378 | 9,0 | 42,0 | 28,0 | 0,48 | 8,33 | 0,03 | 29,5 | 1,3 | 5,0 | 9,3 | 2,8 | 10,0 | 34,0 | 51,0 | 1,5 | 9,1 | 1,0 | <118 | <110 | | | | | | | | | | | | | | | |
| St.Dev | | 1 | 110 | 34 | 1,5 | 5,5 | 5,3 | 0,16 | 2,34 | 0,01 | 2,6 | ~0.1 | 1,3 | 1,7 | 0,4 | 1,6 | 8,4 | 13,6 | ~0.3 | 2,4 | ~0.0 | ~28 | ~28 | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 3 | | | | | | | | | | | | | | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|--------|-------|-------|-------|------|-------|-------|------|------|------|------|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | | Calc | | 340 | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 288 | 288 | s3.6 | <2 | s<31.6 | <1 | <1 | <1.0 | 4.8 | <0.5 | <1 | | | | |
| 2/1 | F | 5 | 349 | 314 | <3 | <2 | <19.0 | <1 | <1 | <1.0 | 4.0 | <0.5 | <1 | | | | |
| 3/1 | F | 5 | 416 | 321 | s7.5 | 6.7 | s48.2 | <1 | <1 | <1.0 | 5.0 | <0.5 | <1 | | | | |
| 4/1 | X | 5 | 458 | 345 | <3 | <2 | <21.0 | <1 | <1 | <1.0 | 3.0 | <0.5 | <1 | | | | |
| 5/1 | X | 6 | 576 | 378 | <3 | 3.0 | <32.0 | <1 | <1 | <1.0 | 2.8 | <0.5 | <1 | | | | |
| Mean | | 5 | 417 | 329 | <<3.0 | <<3.1 | <<24.0 | <<1.0 | <<1.0 | <<1.0 | 3,9 | <<0.5 | <<1.0 | | | | |
| Minimum | | 4 | 288 | 288 | <3.0 | <2.0 | <19.0 | <1.0 | <1.0 | <1.0 | 2,8 | <0.5 | <1.0 | | | | |
| Maximum | | 6 | 576 | 378 | <3.0 | 6,7 | <32.0 | <1.0 | <1.0 | <1.0 | 5,0 | <0.5 | <1.0 | | | | |
| St.Dev | | 1 | 110 | 34 | ~0.0 | ~2.0 | ~7.0 | ~0.0 | ~0.0 | ~0.0 | 1,0 | ~0.0 | ~0.0 | | | | |
| Count | | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | | | | |

s/q(9) ! Suspect value

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Comments

Station: Ullerø area Fish sampled 25-30oct.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 1,2
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
Age uncertain no 14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 17,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20061205** Count: 22 Sample type: **Individual**

Comments

Station: Ullerø area Fish no 1-14 sampled 5.des.2006
Fish no 15-22 sampled 15.jan.2007

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver colour: yellow red no 2,3,4,5 Red yellow 1
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts w. larvae of Anisakis simpl. 7,10
Skin with ulceration, lymphocytic areas and/or lesions 9 Liver colour: yellow red no7,8,10 red yellow 6 yellow 9
- 3 Bulk of NIVA no 11,12,13,14,15 Liver ad/or intestinal guts w.larvae of Anisakis simpl.11,12
Age uncertain fish no 15 Liver colour: yellow no11,12 yellow red 13,14 red 1
- 4 Bulk of NIVA no 16,17,18,19,20 Liver colour: yellow red
- 5 Bulk of NIVA no 21,22, Age uncertain Liver a/or intestinal guts w. larvae of Anisakis simpl.21,22
Liver colour: yellow brown no21 , red brown 22

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **15F Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20061205** Count: 22 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | | | |
|--------------------|------|-----|------|------|--------|------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam rep no. | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | |
| F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 3 | 282 | 285 | 5,0 | 1,7 | 26,0 | 0.132 | 7.46 | 0.026 | 32.2 | 1.2 | 1.1 | 4.5 | 1.7 | 6.3 | 12 | 17 | <1.0 | 5.0 | 1.3 | 47 | <51 | | | | | | |
| 2/1 | F | 3 | 352 | 305 | 6,1 | 1,9 | 26,0 | 0.377 | 9.93 | 0.044 | 37.7 | 1.1 | 1.1 | 5.0 | 1.7 | 6.1 | 12 | 14 | <1.0 | 4.5 | <1.0 | 44 | <47 | | | | | | |
| 3/1 | X | 5 | 401 | 321 | 7,1 | 1,8 | 26,0 | 0.677 | 5.85 | 0.042 | 39.6 | <1.0 | <1.0 | 4.6 | 1.7 | 6.4 | 12 | 17 | <1.0 | 3.8 | <1.0 | <45 | <47 | | | | | | |
| 4/1 | F | 4 | 270 | 279 | 4,8 | 1,9 | 30,0 | 0.128 | 9.13 | 0.02 | 42.8 | <1.0 | 1.6 | 6.7 | 2.0 | 7.5 | 15 | 20 | <1.0 | 5.4 | 1.1 | <57 | <60 | | | | | | |
| 5/1 | X | 7 | 517 | 370 | 8,1 | 1,6 | 12,0 | 0.654 | 3.60 | 0.037 | 34.1 | 1.2 | 3.0 | 18 | 8.6 | 28 | 81 | 170 | 5.7 | 34 | 2.3 | 335 | 352 | | | | | | |
| Mean | | 5 | 364 | 312 | 6,2 | 1,8 | 24,0 | 0,39 | 7,19 | 0,03 | 37,3 | <<1.1 | <1.6 | 7,8 | 3,1 | 10,9 | 26,4 | 47,6 | <<1.9 | 10,5 | <<1.3 | <<106 | <<111 | | | | | | |
| Minimum | | 3 | 270 | 279 | 4,8 | 1,6 | 12,0 | 0,13 | 3,60 | 0,02 | 32,2 | <1.0 | <1.0 | 4,5 | 1,7 | 6,1 | 12,0 | 14,0 | <1.0 | 3,8 | <1.0 | 44 | <47 | | | | | | |
| Maximum | | 7 | 517 | 370 | 8,1 | 1,9 | 30,0 | 0,68 | 9,93 | 0,04 | 42,8 | 1,2 | 3,0 | 18,0 | 8,6 | 28,0 | 81,0 | 170,0 | 5,7 | 34,0 | 2,3 | 335 | 352 | | | | | | |
| St.Dev | | 2 | 101 | 36 | 1,4 | 0,1 | 6,9 | 0,27 | 2,55 | 0,01 | 4,2 | ~0.1 | ~0.8 | 5,8 | 3,1 | 9,6 | 30,5 | 68,5 | ~2.1 | 13,1 | ~0.6 | ~128 | ~135 | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | | | | | | |
|--------------------|------|-----|------|-------|-------|-------|--------|-------|-------|-------|------|-------|-------|------|------|
| Analysis code => | | | | 340 | | | 340 | | | 340 | | | | | |
| Detection limit => | | | | 2 | | | 3 | | | 0.5 | | | | | |
| Sam rep no. | Sex | Age | Wght | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 282 | 285 | <4.0 | <2.0 | <16.0 | <1.0 | <1.0 | <1.0 | 2.6 | <0.50 | <1.0 | | |
| 2/1 | F | 3 | 352 | 305 | <4.0 | 2.1 | <21.1 | <1.0 | <1.0 | <1.0 | 2.5 | <0.50 | <1.0 | | |
| 3/1 | X | 5 | 401 | 321 | <4.0 | <2.0 | <18.0 | <1.0 | <1.0 | <1.0 | 2.6 | <0.50 | <1.0 | | |
| 4/1 | F | 4 | 270 | 279 | <4.0 | <2.0 | <22.0 | <1.0 | <1.0 | <1.0 | 2.9 | <0.50 | <1.0 | | |
| 5/1 | X | 7 | 517 | 370 | 12 | 9.6 | 131.6 | <1.0 | <1.0 | <1.0 | 2.7 | <0.50 | 1.2 | | |
| Mean | | 5 | 364 | 312 | <<5.6 | <<3.5 | <<41.7 | <<1.0 | <<1.0 | <<1.0 | 2,7 | <<0.5 | <<1.0 | | |
| Minimum | | 3 | 270 | 279 | <4.0 | <2.0 | <16.0 | <1.0 | <1.0 | <1.0 | 2,5 | <0.5 | <1.0 | | |
| Maximum | | 7 | 517 | 370 | 12,0 | 9,6 | 131,6 | <1.0 | <1.0 | <1.0 | 2,9 | <0.5 | 1,2 | | |
| St.Dev | | 2 | 101 | 36 | ~3.6 | ~3.4 | ~50.3 | ~0.0 | ~0.0 | ~0.0 | 0,2 | ~0.0 | ~0.1 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

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Comments

Station: Ullerø area Fish no 1-14 sampled 5.des.2006
Fish no 15-22 sampled 15.jan.2007

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver colour: yellow red no 2,3,4,5 Red yellow 1
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts w. larvae of Anisakis simpl. 7,10
Skin with ulceration, lymphocytic areas and/or lesions 9 Liver colour: yellow red no7,8,10 red yellow 6 yellow 9
- 3 Bulk of NIVA no 11,12,13,14,15 Liver ad/or intestinal guts w.larvae of Anisakis simpl.11,12
Age uncertain fish no 15 Liver colour: yellow no11,12 yellow red 13,14 red 1
- 4 Bulk of NIVA no 16,17,18,19,20 Liver colour: yellow red
- 5 Bulk of NIVA no 21,22, Age uncertain Liver a/or intestinal guts w. larvae of Anisakis simpl.21,22
Liver colour: yellow brown no21 , red brown 22

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20021010** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20021010** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | NIVA | | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | Calc | | Calc | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | X | 4 | 442 | 329 | 9,5 | 49,5 | 37,0 | 0.0171 | 2.45 | 0.0293 | 28.7 | 2.0 | 4.2 | 14 | 6.7 | 19 | 41 | 63 | 2.5 | 18 | <1.6 | 161 | <172 | | | | |
| 2/1 | F | 3 | 361 | 307 | 7,0 | 47,3 | 35,0 | 0.0166 | 3.36 | 0.0286 | 29.7 | 1.8 | 4.1 | 12 | 5.1 | 13 | 22 | 33 | 1.4 | 5.0 | <1.6 | 91 | <99 | | | | |
| 3/1 | X | 3 | 295 | 292 | 4,9 | 46,8 | 36,0 | 0.0287 | 3.15 | 0.0360 | 29.3 | 1.8 | 3.6 | 11 | 4.7 | 13 | 21 | 32 | 1.4 | 5.6 | <1.6 | 88 | <96 | | | | |
| 4/1 | X | 3 | 299 | 289 | 7,1 | 54,0 | 43,0 | 0.011 | 1.72 | 0.0202 | 19.8 | 2.8 | 6.1 | 19 | 8.2 | 22 | 35 | 54 | 2.6 | 10 | <1.6 | 149 | <161 | | | | |
| 5/1 | X | 2 | 186 | 261 | 3,1 | 46,3 | 37,0 | 0.013 | 2.18 | 0.0316 | 21.3 | 5.3 | 14 | 42 | 27 | 82 | 140 | 190 | 9.9 | 34 | 4.4 | 507 | 549 | | | | |
| Mean | | 3 | 317 | 296 | 6,3 | 48,8 | 37,6 | 0,02 | 2,57 | 0,03 | 25,8 | 2,7 | 6,4 | 19,6 | 10,3 | 29,8 | 51,8 | 74,4 | 3,6 | 14,5 | <<2.2 | 199 | <<215 | | | | |
| Minimum | | 2 | 186 | 261 | 3,1 | 46,3 | 35,0 | 0,01 | 1,72 | 0,02 | 19,8 | 1,8 | 3,6 | 11,0 | 4,7 | 13,0 | 21,0 | 32,0 | 1,4 | 5,0 | <1.6 | 88 | <96 | | | | |
| Maximum | | 4 | 442 | 329 | 9,5 | 54,0 | 43,0 | 0,03 | 3,36 | 0,04 | 29,7 | 5,3 | 14,0 | 42,0 | 27,0 | 82,0 | 140,0 | 190,0 | 9,9 | 34,0 | 4,4 | 507 | 549 | | | | |
| St.Dev | | 1 | 94 | 25 | 2,4 | 3,2 | 3,1 | 0,01 | 0,68 | 0,01 | 4,8 | 1,5 | 4,4 | 12,9 | 9,4 | 29,4 | 50,0 | 66,0 | 3,6 | 12,1 | ~1.3 | 175 | ~190 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|---------|-------|-------|-------|------|-------|-------|------|------|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngt | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 442 | 329 | <8.0 | 11 | <119.0 | <1.6 | <1.6 | <1.6 | 5.7 | <0.8 | <0.8 | | |
| 2/1 | F | 3 | 361 | 307 | <8.0 | 12 | <94.0 | <1.6 | <1.6 | <1.6 | 4.8 | <0.8 | <0.8 | | |
| 3/1 | X | 3 | 295 | 292 | <8.0 | 11 | <86.0 | <1.6 | <1.6 | <1.6 | 4.8 | <0.8 | <0.8 | | |
| 4/1 | X | 3 | 299 | 289 | <8.0 | 19 | <137.0 | <1.6 | <1.6 | <1.6 | 7.2 | <0.8 | 1.1 | | |
| 5/1 | X | 2 | 186 | 261 | <8.0 | 6.6 | <66.6 | <1.6 | <1.6 | <1.6 | 3.5 | <0.8 | 1.2 | | |
| Mean | | 3 | 317 | 296 | <<8.0 | 11,9 | <<100.5 | <<1.6 | <<1.6 | <<1.6 | 5,2 | <<0.8 | <<0.9 | | |
| Minimum | | 2 | 186 | 261 | <8.0 | 6,6 | <66.6 | <1.6 | <1.6 | <1.6 | 3,5 | <0.8 | <0.8 | | |
| Maximum | | 4 | 442 | 329 | <8.0 | 19,0 | <137.0 | <1.6 | <1.6 | <1.6 | 7,2 | <0.8 | 1,2 | | |
| St.Dev | | 1 | 94 | 25 | ~0.0 | 4,5 | ~27.7 | ~0.0 | ~0.0 | ~0.0 | 1,4 | ~0.0 | ~0.2 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

Comments
 Station: Åkrefjord

- sample no.
 1 Bulk of NIVA no 1,2,3,4,5
 2 Bulk of NIVA no 6,7,8,9,10
 3 Bulk of NIVA no 11,12,13,14,15
 4 Bulk of NIVA no 16,17,18,19,20
 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20040108** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord Fish sampled between 5.- 8.jan2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20040108** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | 340 | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | Calc | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 270 | 284 | 4,5 | 54,4 | 44,0 | 0.0074 | 0.530 | <0.02 | 19.0 | 3.2 | 7.3 | 22 | 6.6 | 20 | 28 | 48 | <2 | 8.1 | <2 | 137 | <145 | |
| 2/1 | X | 5 | 320 | 291 | 7,8 | 53,7 | 44,0 | 0.0085 | 0.475 | <0.02 | 35.8 | 2.6 | 5.7 | 16 | 4.8 | 13 | 21 | 34 | <2 | 6.2 | <2 | 99 | <105 | |
| 3/1 | X | 4 | 327 | 301 | 7,5 | 54,5 | 46,0 | 0.0092 | 0.538 | <0.02 | 30.2 | 2.9 | 5.8 | 18 | 5.6 | 16 | 24 | 41 | <2 | 7.6 | <2 | 115 | <123 | |
| 4/1 | X | 5 | 338 | 301 | 7,4 | 53,9 | 45,0 | 0.0061 | 0.537 | <0.02 | 21.2 | 3.0 | 5.4 | 18 | 5.2 | 15 | 22 | 37 | <2 | 6.7 | <2 | 107 | <114 | |
| 5/1 | X | 5 | 405 | 317 | 8,3 | 49,7 | 40,0 | 0.0302 | 1.34 | 0.03 | 28.8 | 2.5 | 3.3 | 16 | 5.9 | 17 | 26 | 44 | <2 | 7.7 | <2 | 117 | <124 | |
| Mean | | 5 | 332 | 299 | 7,1 | 53,2 | 43,8 | 0,01 | 0,68 | <<0.02 | 27,0 | 2,8 | 5,5 | 18,0 | 5,6 | 16,2 | 24,2 | 40,8 | <<2.0 | 7,3 | <<2.0 | 115 | <<122 | |
| Minimum | | 4 | 270 | 284 | 4,5 | 49,7 | 40,0 | 0,01 | 0,48 | <0.02 | 19,0 | 2,5 | 3,3 | 16,0 | 4,8 | 13,0 | 21,0 | 34,0 | <2.0 | 6,2 | <2.0 | 99 | <105 | |
| Maximum | | 5 | 405 | 317 | 8,3 | 54,5 | 46,0 | 0,03 | 1,34 | 0,03 | 35,8 | 3,2 | 7,3 | 22,0 | 6,6 | 20,0 | 28,0 | 48,0 | <2.0 | 8,1 | <2.0 | 137 | <145 | |
| St.Dev | | 0 | 48 | 12 | 1,5 | 2,0 | 2,3 | 0,01 | 0,37 | ~0.00 | 6,9 | 0,3 | 1,4 | 2,4 | 0,7 | 2,6 | 2,9 | 5,5 | ~0.0 | 0,8 | ~0.0 | 14 | ~15 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|---------|-------|-------|-------|------|-------|------|
| Analysis code => | | | | 340 | | | | | | | | | |
| Detection limit => | | | | 2 | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEBP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 270 | 284 | <25 | 23 | <148.0 | <2 | <2 | <2.0 | 10 | <1 | 1.3 |
| 2/1 | X | 5 | 320 | 291 | <25 | 24 | <122.0 | <2 | <2 | <2.0 | 9.0 | <1 | 1.0 |
| 3/1 | X | 4 | 327 | 301 | <25 | 22 | <128.0 | <2 | <2 | <2.0 | 9.1 | <1 | 1.1 |
| 4/1 | X | 5 | 338 | 301 | <25 | 23 | <130.0 | <2 | <2 | <2.0 | 9.3 | 1.1 | 1.1 |
| 5/1 | X | 5 | 405 | 317 | <25 | 19 | <131.0 | <2 | <2 | <2.0 | 8.1 | <1 | 1.1 |
| Mean | | 5 | 332 | 299 | <<25.0 | 22,2 | <<131.8 | <<2.0 | <<2.0 | <<2.0 | 9,1 | <<1.0 | 1,1 |
| Minimum | | 4 | 270 | 284 | <25.0 | 19,0 | <122.0 | <2.0 | <2.0 | <2.0 | 8,1 | <1.0 | 1,0 |
| Maximum | | 5 | 405 | 317 | <25.0 | 24,0 | <148.0 | <2.0 | <2.0 | <2.0 | 10,0 | 1,1 | 1,3 |
| St.Dev | | 0 | 48 | 12 | ~0.0 | 1,9 | ~9.7 | ~0.0 | ~0.0 | ~0.0 | 0,7 | ~0.0 | 0,1 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrefjord Fish sampled between 5.- 8.jan2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20041231** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Fished at dec.2004

sample no.

1 Bulk in NIVA no 1,2,3,4,5 Age uncertain no 3
2 Bulk in NIVA no 6,7,8,9,10 Age uncertain no 7,9,10
3 Bulk in NIVA no 11,12,13,14,15
4 Bulk in NIVA no 16,17,18,19,20 Age uncertain no 18
5 Bulk in NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20041231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|--|
| Analysis code => | | | | 315 | | 315 | | 315 | | 315 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | 340 | | |
| Detection limit => | | | | Mean | | 0.00 | | 0.01 | | 0.04 | | 1 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 | X | 5 | 530 | 358 | 10,1 | 40,2 | 31,0 | 0.0747 | 7.46 | 0.03 | 43.6 | <2 | 3.2 | 14 | 5.6 | 18 | 36 | 51 | 2.4 | 13 | <2 | <137 | <145 | | | | | | | | | | | | | | | | | |
| 2/1 | F | 5 | 424 | 324 | 7,6 | 40,0 | 31,0 | 0.100 | 11.1 | 0.05 | 41.6 | <2 | 3.6 | 17 | 5.5 | 19 | 46 | 65 | 3.2 | 19 | <2 | <172 | <180 | | | | | | | | | | | | | | | | | |
| 3/1 | X | 3 | 306 | 296 | 5,1 | 42,3 | 28,0 | 0.0411 | 5.19 | 0.04 | 30.8 | <2 | 2.0 | 8.9 | 4.1 | 13 | 25 | 36 | <2 | 8.7 | <2 | <96 | <100 | | | | | | | | | | | | | | | | | |
| 4/1 | X | 3 | 258 | 282 | 4,1 | 38,8 | 17,0 | 0.0677 | 9.27 | 0.07 | 39.3 | <2 | <2 | 6.1 | 2.8 | 9.3 | 24 | 33 | <2 | 12 | <2 | <86 | <89 | | | | | | | | | | | | | | | | | |
| 5/1 | X | 3 | 237 | 273 | 3,2 | 40,0 | 30,0 | 0.0813 | 9.34 | 0.06 | 40.6 | <2 | 2.8 | 14 | 4.1 | 15 | 45 | 64 | 2.9 | 22 | <2 | <165 | <172 | | | | | | | | | | | | | | | | | |
| Mean | | 4 | 351 | 307 | 6,0 | 40,3 | 27,4 | 0,07 | 8,47 | 0,05 | 39,2 | <<2.0 | <2.7 | 12,0 | 4,4 | 14,9 | 35,2 | 49,8 | <<2.5 | 14,9 | <<2.0 | <<131 | <<137 | | | | | | | | | | | | | | | | | |
| Minimum | | 3 | 237 | 273 | 3,2 | 38,8 | 17,0 | 0,04 | 5,19 | 0,03 | 30,8 | <2.0 | <2.0 | 6,1 | 2,8 | 9,3 | 24,0 | 33,0 | <2.0 | 8,7 | <2.0 | <86 | <89 | | | | | | | | | | | | | | | | | |
| Maximum | | 5 | 530 | 358 | 10,1 | 42,3 | 31,0 | 0,10 | 11,10 | 0,07 | 43,6 | <2.0 | 3,6 | 17,0 | 5,6 | 19,0 | 46,0 | 65,0 | 3,2 | 22,0 | <2.0 | <172 | <180 | | | | | | | | | | | | | | | | | |
| St.Dev | | 1 | 123 | 35 | 2,8 | 1,3 | 5,9 | 0,02 | 2,24 | 0,02 | 4,9 | ~0.0 | ~0.7 | 4,4 | 1,2 | 3,9 | 10,5 | 15,1 | ~0.5 | 5,4 | ~0.0 | ~39 | ~41 | | | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|------|------|------|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | | Calc | | 340 | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngt | DDTPP | TDEBP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 530 | 358 | 4.7 | 9.3 | 87.0 | <2 | <2 | <2.0 | 4.5 | <1 | <1 | | | | |
| 2/1 | F | 5 | 424 | 324 | 8.1 | 7.8 | 86.9 | <2 | <2 | <2.0 | 3.2 | <1 | <1 | | | | |
| 3/1 | X | 3 | 306 | 296 | 4.8 | 6.2 | 64.0 | <2 | <2 | <2.0 | 3.1 | <1 | <1 | | | | |
| 4/1 | X | 3 | 258 | 282 | 5.1 | 4.5 | 44.6 | <2 | <2 | <2.0 | 1.5 | <1 | <1 | | | | |
| 5/1 | X | 3 | 237 | 273 | 5.8 | 7.9 | 69.7 | <2 | <2 | <2.0 | 2.5 | <1 | <1 | | | | |
| Mean | | 4 | 351 | 307 | 5,7 | 7,1 | 70,4 | <<2.0 | <<2.0 | <<2.0 | 3,0 | <<1.0 | <<1.0 | | | | |
| Minimum | | 3 | 237 | 273 | 4,7 | 4,5 | 44,6 | <2.0 | <2.0 | <2.0 | 1,5 | <1.0 | <1.0 | | | | |
| Maximum | | 5 | 530 | 358 | 8,1 | 9,3 | 87,0 | <2.0 | <2.0 | <2.0 | 4,5 | <1.0 | <1.0 | | | | |
| St.Dev | | 1 | 123 | 35 | 1,4 | 1,8 | 17,7 | ~0.0 | ~0.0 | ~0.0 | 1,1 | ~0.0 | ~0.0 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrafjord Fished at dec.2004

sample no.

- 1 Bulk in NIVA no 1,2,3,4,5 Age uncertain no 3
- 2 Bulk in NIVA no 6,7,8,9,10 Age uncertain no 7,9,10
- 3 Bulk in NIVA no 11,12,13,14,15
- 4 Bulk in NIVA no 16,17,18,19,20 Age uncertain no 18
- 5 Bulk in NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20060226** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration
Liver absent
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 16
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20021025** Count: 25 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of Anisakis simpl.no4
- 2 Bulk of NIVA no6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl.no9
Muscle with signs of inner bleeding no10
- 3 Bulk of NIVA no 11,12,13,14,15 Liver a/ointestinal guts with larvae of Anisakis simpl. No14
Signs of mechanical damage (e.g., net wounds) no11
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/orintestinal guts with larvae of Anisakis simpl.no20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/o intestinal guts with larvae of Anisakis simpl.no24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20021025** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | | | | |
| 1/1 | X | 2 | 120 | 227 | 10,1 | 19,7 | 0,7 | 0.056 | 0.08 | 0.19 | 1.6 | 2.3 | 8.3 | 8.4 | 11 | 0.64 | 1.6 | 0.09 | 31 | 34 | 0.61 | 0.35 | 1.0 | | | | | | | | | | | | | | | | |
| 2/1 | X | 3 | 125 | 229 | 10,6 | 19,5 | 0,8 | 0.068 | 0.05 | 0.12 | 0.36 | 0.31 | 0.87 | 1.9 | 2.4 | 0.11 | 0.40 | 0.13 | 6 | 7 | 0.56 | <0.10 | <0.7 | | | | | | | | | | | | | | | | |
| 3/1 | X | 4 | 166 | 249 | 10,5 | 19,9 | 0,6 | 0.073 | 0.05 | 0.13 | 0.35 | 0.25 | 0.62 | 1.2 | 1.4 | 0.06 | 0.20 | <0.05 | 4 | <4 | 0.51 | <0.10 | <0.6 | | | | | | | | | | | | | | | | |
| 4/1 | X | 3 | 184 | 264 | 10,7 | 19,1 | 0,7 | 0.067 | 0.07 | 0.23 | 0.90 | 0.52 | 1.5 | 3.1 | 3.5 | 0.15 | 0.44 | 0.1 | 10 | 11 | 0.70 | <0.10 | <0.8 | | | | | | | | | | | | | | | | |
| 5/1 | X | 5 | 299 | 305 | 11,2 | 20,4 | 0,8 | 0.194 | 0.08 | 0.24 | 0.64 | 0.39 | 1.1 | 1.8 | 2.3 | 0.12 | 0.40 | 0.07 | 7 | 7 | 0.84 | <0.10 | <0.9 | | | | | | | | | | | | | | | | |
| Mean | | 4 | 179 | 255 | 10,6 | 19,7 | 0,7 | 0.092 | 0,1 | 0,2 | 0,8 | 0,8 | 2,5 | 3,3 | 4,1 | 0,2 | 0,6 | <0.1 | 12 | <13 | 0,6 | <<0.2 | <<0.8 | | | | | | | | | | | | | | | | |
| Minimum | | 2 | 120 | 227 | 10,1 | 19,1 | 0,6 | 0.056 | 0,1 | 0,1 | 0,4 | 0,3 | 0,6 | 1,2 | 1,4 | 0,1 | 0,2 | <0.1 | 4 | <4 | 0,5 | <0.1 | <0.6 | | | | | | | | | | | | | | | | |
| Maximum | | 5 | 299 | 305 | 11,2 | 20,4 | 0,8 | 0.194 | 0,1 | 0,2 | 1,6 | 2,3 | 8,3 | 8,4 | 11,0 | 0,6 | 1,6 | 0,1 | 31 | 34 | 0,8 | 0,4 | 1,0 | | | | | | | | | | | | | | | | |
| St.Dev | | 1 | 73 | 32 | 0,4 | 0,5 | 0,1 | 0.058 | 0,0 | 0,1 | 0,5 | 0,9 | 3,3 | 2,9 | 3,9 | 0,2 | 0,6 | ~0.0 | 11 | ~12 | 0,1 | ~0.1 | ~0.2 | | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | |

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 2 | 120 | 227 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| 2/1 | X | 3 | 125 | 229 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 3/1 | X | 4 | 166 | 249 | <0.05 | <0.1 | <0.05 | <0.03 | <0.03 |
| 4/1 | X | 3 | 184 | 264 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 5/1 | X | 5 | 299 | 305 | <0.05 | <0.1 | 0.07 | <0.03 | <0.03 |
| Mean | | 4 | 179 | 255 | <<0.1 | <<0.1 | <0.1 | <<0.0 | <<0.0 |
| Minimum | | 2 | 120 | 227 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 |
| Maximum | | 5 | 299 | 305 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 73 | 32 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Færder area

sample no.

- Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of Anisakis simpl.no4
- Bulk of NIVA no6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl.no9
Muscle with signs of inner bleeding no10
- Bulk of NIVA no 11,12,13,14,15 Liver a/o intestinal guts with larvae of Anisakis simpl. No14
Signs of mechanical damage (e.g., net wounds) no11
- Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no20
- Bulk of NIVA no 21,22,23,24,25 Liver a/o intestinal guts with larvae of Anisakis simpl.no24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20031101** Count: 25 Sample type: **Individual**

Comments

Station: Færder area Sampling date uncertain

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Muscle with signs of inner bleeding , no 1
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20031101** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|-------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 310 | | 341 | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
| Detection limit => | | | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.1 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 5 | 232 | 274 | 15,2 | 25,4 | 1,0 | 0.057 | miss | miss | 0.58 | 0.31 | 0.85 | 1.9 | 2.4 | 0.11 | 0.37 | 0.15 | 6 | 7 | 0.80 | 0.13 | 0.9 | | |
| 2/1 | X | 5 | 253 | 275 | 15,3 | 23,6 | 0,8 | 0.058 | miss | <0.10 | 0.47 | 0.20 | 0.59 | 1.2 | 1.6 | <0.10 | 0.24 | 0.11 | <4 | <5 | 0.54 | <0.15 | <0.7 | | |
| 3/1 | X | 5 | 250 | 281 | 15,6 | 23,1 | 0,7 | 0.061 | miss | miss | 0.25 | 0.15 | 0.40 | 0.84 | 1.2 | 0.06 | 0.20 | 0.09 | 3 | 3 | 0.35 | <0.07 | <0.4 | | |
| 4/1 | F | 5 | 290 | 291 | 19,6 | 24,5 | 0,6 | 0.065 | miss | miss | 0.28 | 0.14 | 0.34 | 0.74 | 0.99 | 0.05 | 0.16 | 0.08 | 3 | 3 | 0.37 | <0.07 | <0.4 | | |
| 5/1 | X | 5 | 332 | 307 | 20,4 | 18,5 | 0,7 | 0.106 | miss | miss | 0.46 | 0.20 | 0.53 | 1.1 | 1.4 | 0.07 | 0.24 | 0.11 | 4 | 4 | 0.53 | 0.08 | 0.6 | | |
| Mean | | 5 | 271 | 286 | 17,2 | 23,0 | 0,8 | 0.069 | <<0.1 | | 0,4 | 0,2 | 0,5 | 1,2 | 1,5 | <0.1 | 0,2 | 0,1 | <4 | <4 | 0,5 | <<0.1 | <<0.6 | | |
| Minimum | | 5 | 232 | 274 | 15,2 | 18,5 | 0,6 | 0.057 | <0.1 | | 0,3 | 0,1 | 0,3 | 0,7 | 1,0 | 0,1 | 0,2 | 0,1 | 3 | 3 | 0,4 | <0.1 | <0.4 | | |
| Maximum | | 5 | 332 | 307 | 20,4 | 25,4 | 1,0 | 0.106 | <0.1 | | 0,6 | 0,3 | 0,9 | 1,9 | 2,4 | 0,1 | 0,4 | 0,2 | 6 | 7 | 0,8 | <0.2 | 0,9 | | |
| St.Dev | | 0 | 40 | 14 | 2,6 | 2,7 | 0,1 | 0.021 | | | 0,1 | 0,1 | 0,2 | 0,5 | 0,5 | ~0.0 | 0,1 | 0,0 | ~1 | ~2 | 0,2 | ~0.0 | ~0.2 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

miss(9) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 232 | 274 | <0.05 | <0.1 | 0.08 | <0.03 | <0.03 |
| 2/1 | X | 5 | 253 | 275 | <0.10 | <0.1 | 0.05 | <0.05 | <0.05 |
| 3/1 | X | 5 | 250 | 281 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 4/1 | F | 5 | 290 | 291 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 5/1 | X | 5 | 332 | 307 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| Mean | | 5 | 271 | 286 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 5 | 232 | 274 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | | 5 | 332 | 307 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 |
| St.Dev | | 0 | 40 | 14 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(9) ! Missing value

Comments

Station: Færder area Sampling date uncertain

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Muscle with signs of inner bleeding , no 1
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** *Limanda limanda* GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20041030** Count: 25 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3 Skin with metacercariae of cf. *Cryptocotyle lingua* no 1,2
Signs of mechanical damage (e.g., net wounds)no 2
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of *Anisakis simpl.* No6
Skin with metacercariae of cf. *Cryptocotyle lingua* no10 Signs of mechanical damage (e.g., net wounds) no10
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 13 Liver a/o intestinal guts with larvae of *Anisakis simpl.*no13
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18
- 5 Bulk of NIVA no 21,22,23,24,25

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20041030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 198 | 252 | 10,2 | 20,5 | 0,2 | 0.042 | 0.07 | 0.14 | 0.30 | 0.22 | 0.62 | 0.80 | 0.99 | 0.05 | 0.13 | <0.05 | 3 | <3 | 0.12 | <0.10 | <0.2 | |
| 2/1 | X | 4 | 213 | 267 | 10,3 | 20,3 | 0,1 | 0.059 | <0.05 | 0.11 | 0.18 | 0.09 | 0.27 | 0.50 | 0.59 | <0.05 | 0.09 | <0.05 | <2 | <2 | 0.07 | <0.05 | <0.1 | |
| 3/1 | F | 5 | 252 | 278 | 10,1 | 21,7 | 0,1 | 0.074 | 0.09 | 0.17 | 0.68 | 0.27 | 0.81 | 1.1 | 1.3 | 0.07 | 0.19 | <0.05 | 4 | <5 | 0.13 | <0.10 | <0.2 | |
| 4/1 | F | 6 | 325 | 306 | 10,4 | 19,0 | 0,2 | 0.104 | 0.18 | 0.55 | 1.3 | 0.55 | 1.5 | 1.9 | 2.2 | 0.14 | 0.39 | <0.05 | 8 | <9 | 0.33 | <0.10 | <0.4 | |
| 5/1 | F | 6 | 442 | 340 | 10,3 | 19,5 | 0,2 | 0.131 | 0.10 | 0.25 | 0.82 | 0.34 | 0.95 | 1.2 | 1.3 | 0.07 | 0.19 | <0.05 | 5 | <5 | 0.23 | <0.10 | <0.3 | |
| Mean | | 5 | 286 | 289 | 10,3 | 20,2 | 0,2 | 0,082 | <0.1 | 0,2 | 0,7 | 0,3 | 0,8 | 1,1 | 1,3 | <0.1 | 0,2 | <<0.1 | <4 | <<5 | 0,2 | <<0.1 | <<0.2 | |
| Minimum | | 4 | 198 | 252 | 10,1 | 19,0 | 0,1 | 0,042 | <0.1 | 0,1 | 0,2 | 0,1 | 0,3 | 0,5 | 0,6 | <0.1 | 0,1 | <0.1 | <2 | <2 | 0,1 | <0.1 | <0.1 | |
| Maximum | | 6 | 442 | 340 | 10,4 | 21,7 | 0,2 | 0,131 | 0,2 | 0,6 | 1,3 | 0,6 | 1,5 | 1,9 | 2,2 | 0,1 | 0,4 | <0.1 | 8 | <9 | 0,3 | <0.1 | <0.4 | |
| St.Dev | | 1 | 100 | 35 | 0,1 | 1,0 | 0,1 | 0,036 | ~0.0 | 0,2 | 0,4 | 0,2 | 0,5 | 0,5 | 0,6 | ~0.0 | 0,1 | ~0.0 | ~2 | ~3 | 0,1 | ~0.0 | ~0.1 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 198 | 252 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 2/1 | X | 4 | 213 | 267 | <0.05 | <0.1 | <0.05 | <0.05 | <0.05 |
| 3/1 | F | 5 | 252 | 278 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 4/1 | F | 6 | 325 | 306 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 5/1 | F | 6 | 442 | 340 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| Mean | | 5 | 286 | 289 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.0 |
| Minimum | | 4 | 198 | 252 | <0.1 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | | 6 | 442 | 340 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| St.Dev | | 1 | 100 | 35 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Færder area

sample no.

- Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3 Skin with metacercariae of cf. Cryptocotyle lingua no 1,2
Signs of mechanical damage (e.g., net wounds)no 2
- Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl. No6
Skin with metacercariae of cf. Cryptocotyle lingua no10 Signs of mechanical damage (e.g., net wounds) no10
- Bulk of NIVA no 11,12,13,14,15 Age uncertain no 13 Liver a/o intestinal guts with larvae of Anisakis simpl.no13
- Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18
- Bulk of NIVA no 21,22,23,24,25

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20051216** Count: 24 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 71,6g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 77,1g
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
no 15 Bulk part sample = 77,8g
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 19 Bulk part sample = 76,63g
- 5 Bulk of NIVA no 21,22,23,24 Liver and/or intestinal guts with larvae of Anisakis simplex
no 23,24 Bulk part sample = 60,86g

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20051216** Count: 24 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|-------|--------|------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|------|--|--|
| Analysis code => | | | | 310 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | |
| Detection limit => | | | | 0.005 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | | 0.05 | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | |
| 1/1 | X | 4 | 134 | 235 | 19,0 | 0,1 | 0,055 | <0.05 | 0.08 | 0.29 | 0.20 | 0.59 | 0.93 | 1.2 | s0.07 | 0.16 | <0.05 | <3 | s<4 | 0.17 | <0.2 | <0.1 | | | | | |
| 2/1 | X | 4 | 179 | 254 | 19,0 | 0,2 | 0.120 | <0.05 | 0.1 | 0.36 | 0.29 | 0.85 | 1.2 | 1.7 | s0.09 | 0.23 | 0.05 | <4 | s<5 | 0.31 | <0.2 | <0.1 | | | | | |
| 3/1 | F | 5 | 205 | 275 | 18,0 | 0,2 | 0.153 | <0.05 | 0.16 | 0.56 | 0.23 | 0.76 | 1.1 | 1.4 | s0.07 | 0.17 | <0.05 | <4 | s<5 | 0.31 | <0.2 | <0.1 | | | | | |
| 4/1 | X | 5 | 252 | 285 | 20,0 | 0,1 | 0.112 | 0.07 | 0.21 | 1.1 | 0.89 | 3.1 | 6.1 | 8.3 | s0.39 | 1.0 | 0.07 | 20 | s21 | 0.77 | <0.2 | <0.1 | | | | | |
| 5/1 | F | 6 | 310 | 306 | 19,0 | 0,3 | 0.233 | <0.05 | 0.17 | 0.55 | 0.31 | 0.96 | 1.5 | 2.2 | s0.11 | 0.30 | 0.05 | <6 | s<6 | 0.56 | <0.2 | <0.1 | | | | | |
| Mean | | 5 | 216 | 271 | 19,0 | 0,2 | 0.135 | <<0.1 | 0,1 | 0,6 | 0,4 | 1,3 | 2,2 | 3,0 | s0.1 | 0,4 | <<0.1 | <<7 | s<<8 | 0,4 | <<0.2 | <<0.1 | | | | | |
| Minimum | | 4 | 134 | 235 | 18,0 | 0,1 | 0.055 | <0.1 | 0,1 | 0,3 | 0,2 | 0,6 | 0,9 | 1,2 | s0.1 | 0,2 | <0.1 | <3 | s<4 | 0,2 | <0.2 | <0.1 | | | | | |
| Maximum | | 6 | 310 | 306 | 20,0 | 0,3 | 0.233 | 0,1 | 0,2 | 1,1 | 0,9 | 3,1 | 6,1 | 8,3 | s0.4 | 1,0 | 0,1 | 20 | s21 | 0,8 | <0.2 | <0.1 | | | | | |
| St.Dev | | 1 | 68 | 28 | 0,7 | 0,1 | 0,065 | ~0.0 | 0,1 | 0,3 | 0,3 | 1,0 | 2,2 | 3,0 | s0.1 | 0,4 | ~0.0 | ~7 | s~7 | 0,2 | ~0.0 | ~0.0 | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | |

s/q(18) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|--|------|--|
| Analysis code => | | | | 341 | | 341 | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 | X | 4 | 134 | 235 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 | | | |
| 2/1 | X | 4 | 179 | 254 | <0.05 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 | | | |
| 3/1 | F | 5 | 205 | 275 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | |
| 4/1 | X | 5 | 252 | 285 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 | | | |
| 5/1 | F | 6 | 310 | 306 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 | | | |
| Mean | | 5 | 216 | 271 | <<0.1 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.1 | | | |
| Minimum | | 4 | 134 | 235 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 | | | |
| Maximum | | 6 | 310 | 306 | <0.1 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 | | | |
| St.Dev | | 1 | 68 | 28 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

s/q(18) ! Suspect value

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Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 71,6g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 77,1g
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
no 15 Bulk part sample = 77,8g
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 19 Bulk part sample = 76,63g
- 5 Bulk of NIVA no 21,22,23,24 Liver and/or intestinal guts with larvae of Anisakis simplex
no 23,24 Bulk part sample = 60,86g

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J26 Oslofjorden** Tissue: MUSCLE
Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
Catch,date : **20060901** Count: 25 Sample type: **Individual**

Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3,4 Skin with metacercariae of cf. Cryptocotyle lingua no3
Bulk part sample = 77,92g
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 6,9,10 Skin with metacercariae of cf. Cryptocotyle lingua no 9
Bulk part sample = 77,7g
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 12,15 Skin with metacercariae of cf. Cryptocotyle lingua no11,12
Liver a/or intestinal guts with larvae of Anisakis simpl. 15 Bulk part sample = 77,66g
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18 Liver a/or intestinal guts with larvae of Anisakis simpl. 18
Bulk part sample =77,36g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 77,34g

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J26 Oslofjorden** Tissue: MUSCLE
 Locality : **36F Færder area** Latitude: 59°4.0N Longitude: 10°23.0E
 Catch,date : **20060901** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|---|
| Analysis code => | | | | 310 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | | 341 | | |
| Detection limit => | | | | Mean | 0.005 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 4 | 194 | 260 | 20,0 | 0,4 | 0,081 | 0,05 | 0,17 | 0,55 | 0,41 | 1,3 | 2,0 | 2,7 | 0,13 | 0,41 | 0,08 | 7 | 8 | 0,38 | <0,2 | <0,1 | | | | | | | | |
| 2/1 | F | 3 | 214 | 272 | 20,0 | 0,4 | 0,057 | 0,05 | 0,17 | 0,45 | 0,29 | 0,78 | 1,1 | 1,5 | 0,06 | 0,27 | 0,05 | 4 | 5 | 0,24 | <0,2 | <0,1 | | | | | | | | |
| 3/1 | X | 4 | 222 | 286 | 19,0 | 0,4 | 0,135 | <0,05 | 0,10 | 0,36 | 0,37 | 1,4 | 3,0 | 4,7 | 0,20 | 0,68 | 0,14 | <10 | <11 | 0,40 | <0,2 | <0,1 | | | | | | | | |
| 4/1 | X | 5 | 284 | 299 | 19,0 | 0,4 | 0,100 | <0,05 | 0,11 | 0,36 | 0,29 | 0,76 | 1,4 | 1,9 | 0,08 | 0,35 | 0,08 | <5 | <5 | 0,31 | <0,2 | <0,1 | | | | | | | | |
| 5/1 | F | 5 | 388 | 330 | 20,0 | 0,7 | 0,108 | 0,19 | 0,55 | 1,3 | 0,66 | 1,9 | 2,5 | 3,3 | 0,19 | 0,50 | <0,05 | 10 | <11 | 0,56 | miss | <0,1 | | | | | | | | |
| Mean | | 4 | 260 | 289 | 19,6 | 0,5 | 0,096 | <<0,1 | 0,2 | 0,6 | 0,4 | 1,2 | 2,0 | 2,8 | 0,1 | 0,4 | <0,1 | <<7 | <<8 | 0,4 | <<0,2 | <<0,1 | | | | | | | | |
| Minimum | | 3 | 194 | 260 | 19,0 | 0,4 | 0,057 | <0,1 | 0,1 | 0,4 | 0,3 | 0,8 | 1,1 | 1,5 | 0,1 | 0,3 | <0,1 | | 4 | <5 | 0,2 | <0,2 | <0,1 | | | | | | | |
| Maximum | | 5 | 388 | 330 | 20,0 | 0,7 | 0,135 | | 0,2 | 0,6 | 1,3 | 0,7 | 1,9 | 3,0 | 4,7 | 0,2 | 0,7 | 0,1 | 10 | <11 | 0,6 | <0,2 | <0,1 | | | | | | | |
| St.Dev | | 1 | 79 | 27 | 0,5 | 0,1 | 0,029 | ~0,1 | 0,2 | 0,4 | 0,2 | 0,5 | 0,8 | 1,3 | 0,1 | 0,2 | ~0,0 | ~3 | ~3 | 0,1 | ~0,0 | ~0,0 | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|-------|--|-----|--|
| Analysis code => | | | | 341 | | 341 | | Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | 0.05 | | 0.03 | 0.03 | 0.05 | | | | |
| Sam | Sex | Age | Wght | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | | | |
| rep | F/M | year | g | ppb | ppb | ppb | ppb | ppb | ppb | | | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | |
| 1/1 | X | 4 | 194 | 260 | <0,05 | <0,05 | <0,1 | 0,04 | <0,03 | <0,05 | | | |
| 2/1 | F | 3 | 214 | 272 | <0,05 | <0,05 | <0,1 | 0,05 | <0,03 | <0,05 | | | |
| 3/1 | X | 4 | 222 | 286 | <0,05 | <0,05 | <0,1 | 0,04 | <0,03 | <0,05 | | | |
| 4/1 | X | 5 | 284 | 299 | <0,05 | <0,05 | <0,1 | 0,04 | <0,03 | <0,05 | | | |
| 5/1 | F | 5 | 388 | 330 | <0,05 | <0,05 | <0,1 | 0,07 | <0,03 | <0,05 | | | |
| Mean | | 4 | 260 | 289 | <<0,1 | <<0,1 | <<0,1 | 0,0 | <<0,0 | <<0,1 | | | |
| Minimum | | 3 | 194 | 260 | <0,1 | <0,1 | <0,1 | 0,0 | <0,0 | <0,1 | | | |
| Maximum | | 5 | 388 | 330 | <0,1 | <0,1 | <0,1 | 0,1 | <0,0 | <0,1 | | | |
| St.Dev | | 1 | 79 | 27 | ~0,0 | ~0,0 | ~0,0 | 0,0 | ~0,0 | ~0,0 | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |

miss(1) ! Missing value

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Comments

Station: Færder area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 2,3,4 Skin with metacercariae of cf. *Cryptocotyle lingua* no3
Bulk part sample = 77,92g
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain 6,9,10 Skin with metacercariae of cf. *Cryptocotyle lingua* no 9
Bulk part sample = 77,7g
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 12,15 Skin with metacercariae of cf. *Cryptocotyle lingua* no11,12
Liver a/or intestinal guts with larvae of *Anisakis simpl.* 15 Bulk part sample = 77,66g
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 18 Liver a/or intestinal guts with larvae of *Anisakis simpl.* 18
Bulk part sample =77,36g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 77,34g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20020926** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with ulceration, lymphocytic areas and/or lesions, no2
Liver a/o intestinal guts with larvae of Anisakis simpl. No3
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 8,9
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no17
(Fish malodorous,no17)
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 21,25

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15F Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20020926** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 302 | 292 | 16,4 | 20,8 | 0,4 | 0.030 | <0.05 | miss | 0.05 | <0.05 | 0.14 | 0.16 | 0.17 | <0.05 | <0.05 | 0.12 | <1 | <1 | 0.14 | <0.07 | <0.2 | |
| 2/1 | F | 5 | 328 | 308 | 10,9 | 19,8 | 0,4 | 0.104 | <0.05 | miss | 0.05 | <0.05 | 0.16 | 0.18 | 0.23 | <0.05 | 0.06 | 0.10 | <1 | <1 | 0.19 | <0.07 | <0.3 | |
| 3/1 | X | 5 | 362 | 318 | 10,6 | 20,1 | 0,5 | 0.037 | <0.05 | miss | 0.06 | <0.05 | 0.14 | 0.17 | 0.21 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.18 | <0.07 | <0.3 | |
| 4/1 | X | 5 | 397 | 333 | 13,1 | 19,5 | 0,5 | 0.070 | <0.05 | miss | 0.06 | <0.05 | 0.11 | 0.17 | 0.19 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.18 | <0.07 | <0.3 | |
| 5/1 | F | 6 | 484 | 358 | 13,0 | 19,7 | 0,6 | 0.157 | <0.05 | miss | 0.10 | <0.05 | 0.17 | 0.28 | 0.37 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.40 | <0.07 | <0.5 | |
| Mean | | 4 | 375 | 322 | 12,8 | 20,0 | 0,5 | 0,080 | <<0.1 | | 0,1 | <<0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,2 | <<0.1 | <<0.3 | |
| Minimum | | 3 | 302 | 292 | 10,6 | 19,5 | 0,4 | 0,030 | <0.1 | | 0,1 | <0.1 | 0,1 | 0,2 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,1 | <0.1 | <0.2 | |
| Maximum | | 6 | 484 | 358 | 16,4 | 20,8 | 0,7 | 0,157 | <0.1 | | 0,1 | <0.1 | 0,2 | 0,3 | 0,4 | <0.1 | 0,1 | 0,1 | <1 | <1 | 0,4 | <0.1 | <0.5 | |
| St.Dev | | 1 | 71 | 25 | 2,3 | 0,5 | 0,1 | 0,052 | ~0.0 | | 0,0 | ~0.0 | 0,0 | 0,0 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(8) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------------------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 302 | 292 | 0.12 | <0.2 | 0.04 | <0.03 | <0.03 |
| 2/1 | F | 5 | 328 | 308 | <0.05 | <0.1 | 0.04 | <0.03 | miss |
| 3/1 | X | 5 | 362 | 318 | <0.05 | <0.1 | 0.04 | <0.03 | miss |
| 4/1 | X | 5 | 397 | 333 | <0.05 | <0.1 | 0.05 | <0.03 | miss |
| 5/1 | F | 6 | 484 | 358 | <0.05 | <0.1 | 0.07 | <0.03 | <0.03 |
| Mean | | 4 | 375 | 322 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.0 |
| Minimum | | 3 | 302 | 292 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | | 6 | 484 | 358 | 0,1 | <0.2 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 71 | 25 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 |

miss(8) ! Missing value

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Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with ulceration, lymphocytic areas and/or lesions, no2
Liver a/o intestinal guts with larvae of Anisakis simpl. No3
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 8,9
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no17
(Fish malodorous,no17)
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 21,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20031006** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20 Skin with ulceration, lymphocytic areas and/or lesions 16,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 21,22

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Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20031006** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 386 | 312 | 11,0 | 25,4 | 0,7 | 0.037 | <0.05 | miss | 0.13 | 0.05 | 0.15 | 0.30 | 0.38 | <0.05 | 0.11 | <0.05 | <1 | <1 | 0.35 | <0.07 | <0.4 | |
| 2/1 | F | 4 | 426 | 330 | 11,0 | 25,1 | 0,6 | 0.049 | <0.05 | <0.05 | 0.11 | <0.05 | 0.12 | 0.23 | 0.29 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.25 | <0.07 | <0.3 | |
| 3/1 | X | 5 | 353 | 305 | 10,3 | 24,8 | 0,6 | 0.031 | <0.05 | miss | 0.10 | <0.05 | 0.11 | 0.21 | 0.25 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.20 | <0.07 | <0.3 | |
| 4/1 | X | 4 | 392 | 313 | 11,4 | 22,6 | 0,7 | 0.045 | <0.05 | <0.05 | 0.12 | 0.05 | 0.13 | 0.24 | 0.32 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.28 | <0.07 | <0.4 | |
| 5/1 | F | 7 | 482 | 340 | 11,1 | 23,0 | 0,8 | 0.133 | <0.05 | miss | 0.15 | 0.07 | 0.18 | 0.35 | 0.46 | <0.05 | 0.13 | <0.05 | <1 | <1 | 0.41 | 0.07 | 0.5 | |
| Mean | | 5 | 408 | 320 | 11,0 | 24,2 | 0,7 | 0.059 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,1 | 0,3 | 0,3 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,3 | <<0.1 | <<0.4 | |
| Minimum | | 4 | 353 | 305 | 10,3 | 22,6 | 0,6 | 0.031 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,2 | <0.1 | <0.3 | |
| Maximum | | 7 | 482 | 340 | 11,4 | 25,4 | 0,8 | 0.133 | <0.1 | <0.1 | 0,2 | 0,1 | 0,2 | 0,4 | 0,5 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | 0,1 | 0,5 | |
| St.Dev | | 1 | 49 | 14 | 0,4 | 1,3 | 0,1 | 0.042 | ~0.0 | ~0.0 | 0,0 | ~0.0 | 0,0 | 0,1 | 0,1 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(3) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 386 | 312 | <0.05 | <0.1 | 0.10 | <0.03 | <0.03 |
| 2/1 | F | 4 | 426 | 330 | <0.05 | <0.1 | 0.08 | <0.03 | <0.03 |
| 3/1 | X | 5 | 353 | 305 | <0.05 | <0.1 | 0.07 | <0.03 | <0.03 |
| 4/1 | X | 4 | 392 | 313 | <0.05 | <0.1 | 0.09 | <0.03 | <0.03 |
| 5/1 | F | 7 | 482 | 340 | <0.05 | <0.1 | 0.11 | <0.03 | <0.03 |
| Mean | | 5 | 408 | 320 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 4 | 353 | 305 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 7 | 482 | 340 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 49 | 14 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(3) ! Missing value

Comments

- Station: Ullerø area
 sample no.
 1 Bulk of NIVA no 1,2,3,4,5
 2 Bulk of NIVA no 6,7,8,9,10
 3 Bulk of NIVA no 11,12,13,14,15
 4 Bulk of NIVA no 16,17,18,19,20 Skin with ulceration, lymphocytic areas and/or lesions 16,20
 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex no 21,22

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20041005** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8
- 3 Bulk of NIVA no 11,12,13,14,15 Liver a/or intestinal guts with larvae of Anisakis simpl. 11
Age uncertain no 15 Liver with signs of bleeding no13
Signs of mechanical damage (e.g., net wounds) no11,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no19 Lateral line necrosis no 5
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 21

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15F Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20041005** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 246 | 273 | 10,5 | 21,2 | 0,3 | 0.037 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.10 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.08 | <0.07 | <0.2 | |
| 2/1 | X | 3 | 354 | 316 | 10,5 | 20,7 | 0,2 | 0.050 | <0.05 | miss | 0.05 | <0.05 | 0.05 | 0.13 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.1 | <0.07 | <0.2 | |
| 3/1 | X | 4 | 338 | 311 | 10,7 | 19,4 | 0,1 | 0.082 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.08 | 0.07 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.09 | <0.07 | <0.2 | |
| 4/1 | X | 4 | 404 | 337 | 12,1 | 20,4 | 0,1 | 0.111 | <0.05 | <0.05 | s0.05 | <0.05 | <0.05 | 0.09 | 0.08 | <0.05 | <0.05 | <0.05 | s<0 | s<0 | 0.11 | <0.07 | <0.2 | |
| 5/1 | X | 5 | 512 | 360 | 11,6 | 19,9 | 0,1 | 0.138 | <0.05 | <0.05 | 0.08 | <0.05 | 0.07 | 0.16 | 0.18 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.23 | <0.07 | <0.3 | |
| Mean | | 4 | 371 | 319 | 11,1 | 20,3 | 0,2 | 0.084 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,1 | <<0.1 | <<0.2 | |
| Minimum | | 3 | 246 | 273 | 10,5 | 19,4 | 0,1 | 0.037 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | |
| Maximum | | 5 | 512 | 360 | 12,1 | 21,2 | 0,3 | 0.138 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.1 | <0.3 | |
| St.Dev | | 1 | 97 | 32 | 0,7 | 0,7 | 0,1 | 0.042 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,1 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | |

miss(1) ! Missing value s/q(3) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------------------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 246 | 273 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 |
| 2/1 | X | 3 | 354 | 316 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 |
| 3/1 | X | 4 | 338 | 311 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 4/1 | X | 4 | 404 | 337 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 5/1 | X | 5 | 512 | 360 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| Mean | | 4 | 371 | 319 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.1 |
| Minimum | | 3 | 246 | 273 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 |
| Maximum | | 5 | 512 | 360 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| St.Dev | | 1 | 97 | 32 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value s/q(3) ! Suspect value

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Comments

Station: Ullerø area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 8
- 3 Bulk of NIVA no 11,12,13,14,15 Liver a/or intestinal guts with larvae of Anisakis simpl. 11
Age uncertain no 15 Liver with signs of bleeding no13
Signs of mechanical damage (e.g., net wounds) no11,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no19 Lateral line necrosis no 5
- 5 Bulk of NIVA no 21,22,23,24,25 Liver a/or intestinal guts with larvae of Anisakis simpl. 21

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20051030** Count: 25 Sample type: **Individual**

Comments

Station: Ullerø area Fish sampled 25-30oct.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 1,2 Bulk part sample =52,56g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 50,82g
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
Age uncertain no 14 Bulk part sample = 52,8g
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 17,20 Bulk part sample = 51,19g
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 22,23,24,25 Bulk part sample = 55,06g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15F Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20051030** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|---|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 4 | 288 | 288 | | 21,0 | 0,6 | 0.036 | <0.05 | <0.05 | 0.07 | <0.05 | 0.07 | 0.26 | 0.40 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.27 | <0.2 | <0.1 | |
| 2/1 F | 5 | 349 | 314 | 10,2 | 20,0 | 0,6 | 0.070 | <0.05 | <0.05 | 0.1 | <0.05 | 0.12 | 0.26 | 0.36 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.31 | <0.2 | <0.1 | |
| 3/1 F | 5 | 416 | 321 | | 20,0 | 0,6 | 0.129 | <0.05 | 0.07 | 0.11 | 0.07 | 0.13 | 0.39 | 0.45 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.46 | <0.2 | <0.1 | |
| 4/1 X | 5 | 458 | 345 | | 20,0 | 0,5 | 0.115 | <0.05 | <0.05 | 0.12 | 0.06 | 0.16 | 0.43 | 0.61 | <0.05 | 0.11 | <0.05 | <1 | <2 | 0.58 | <0.2 | <0.1 | |
| 5/1 X | 6 | 576 | 378 | | 18,0 | 0,4 | 0.154 | <0.05 | 0.07 | 0.18 | 0.07 | 0.21 | 0.75 | 1.0 | <0.05 | 0.20 | <0.05 | <2 | <3 | 0.93 | <0.2 | <0.1 | |
| Mean | 5 | 417 | 329 | 10,2 | 19,8 | 0,5 | 0.101 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,1 | 0,4 | 0,6 | <<0.1 | 0,1 | <<0.1 | <<1 | <<2 | 0,5 | <<0.2 | <<0.1 | |
| Minimum | 4 | 288 | 288 | 10,2 | 18,0 | 0,4 | 0.036 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,3 | 0,4 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.2 | <0.1 | |
| Maximum | 6 | 576 | 378 | 10,2 | 21,0 | 0,6 | 0.154 | <0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,8 | 1,0 | <0.1 | 0,2 | <0.1 | <2 | <3 | 0,9 | <0.2 | <0.1 | |
| St.Dev | 1 | 110 | 34 | | 1,1 | 0,1 | 0.047 | ~0.0 | ~0.0 | 0,0 | ~0.0 | 0,1 | 0,2 | 0,3 | ~0.0 | 0,1 | ~0.0 | ~0 | ~1 | 0,3 | ~0.0 | ~0.0 | |
| Count | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(1) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|------|------|------|-------------------------------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 341 Calc 341 341 341 | | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | |
| Sam:Sex | Age | Wght | Lngr | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 4 | 288 | 288 | <0.05 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| 2/1 F | 5 | 349 | 314 | <0.05 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| 3/1 F | 5 | 416 | 321 | <0.05 | miss | <0.1 | 0.10 | <0.03 | <0.05 |
| 4/1 X | 5 | 458 | 345 | <0.05 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| 5/1 X | 6 | 576 | 378 | <0.05 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| Mean | 5 | 417 | 329 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | 4 | 288 | 288 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | 6 | 576 | 378 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | 1 | 110 | 34 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 |

miss(1) ! Missing value

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Comments

Station: Ullerø area Fish sampled 25-30oct.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 1,2 Bulk part sample =52,56g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 50,82g
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
Age uncertain no 14 Bulk part sample = 52,8g
- 4 Bulk of NIVA no 16,17,18,19,20 Liver and/or intestinal guts with larvae of Anisakis simplex
no 17,20 Bulk part sample = 51,19g
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 22,23,24,25 Bulk part sample = 55,06g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **15F Ullerø area** Latitude: 58°3.0N Longitude: 6°43.0E
Catch,date : **20061205** Count: 22 Sample type: **Individual**

Comments

Station: Ullerø area Fish no 1-14 sampled 5.des.2006
Fish no 15-22 sampled 15.jan.2007

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 51,52g
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts w. larvae of Anisakis simpl. 7,10
Skin with ulceration, lymphocytic areas and/or lesions 9 Bulk part sample=51,85g
- 3 Bulk of NIVA no 11,12,13,14,15 Liver ad/or intestinal guts w.larvae of Anisakis simpl.11,12
Age uncertain fish no 15 Bulk part sample = 52,89g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 51,61g
- 5 Bulk of NIVA no 21,22, Age uncertain Liver a/or intestinal guts w. larvae of Anisakis simpl.21,22
Bulk part sample = 40,74g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **15F Ullersø area** Latitude: 58°3.0N Longitude: 6°43.0E
 Catch,date : **20061205** Count: 22 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Analysis code => | | | | 310 | | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.2 | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 3 | 282 | 285 | 10,3 | 21,0 | 0,5 | 0.074 | <0.05 | <0.05 | <0.1 | <0.05 | 0.06 | 0.16 | 0.25 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.19 | <0.2 | <0.1 | |
| 2/1 | F | 3 | 352 | 305 | 10,4 | 21,0 | 0,8 | 0.049 | <0.05 | <0.05 | <0.1 | miss | 0.07 | 0.22 | 0.28 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.26 | <0.2 | <0.1 | |
| 3/1 | X | 5 | 401 | 321 | 10,6 | 21,0 | 0,4 | 0.092 | <0.05 | <0.05 | <0.1 | miss | 0.07 | 0.24 | 0.30 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.24 | <0.2 | <0.1 | |
| 4/1 | F | 4 | 270 | 279 | 10,3 | 21,0 | 0,5 | 0.048 | <0.05 | <0.05 | <0.1 | miss | 0.06 | 0.18 | 0.26 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.21 | <0.2 | <0.1 | |
| 5/1 | X | 7 | 517 | 370 | 20,4 | 19,0 | 0,5 | 0.545 | 0.06 | 0.17 | miss | 0.34 | 0.76 | 2.0 | 3.9 | 0.14 | 0.71 | 0.06 | 8 | 8 | 2.7 | 0.31 | 0.19 | |
| Mean | | 5 | 364 | 312 | 12,4 | 20,6 | 0,5 | 0.162 | <<0.1 | <<0.1 | <<0.1 | <<0.2 | 0,2 | 0,6 | 1,0 | <<0.1 | <<0.2 | <<0.1 | <<2 | <<2 | 0,7 | <<0.2 | <<0.1 | |
| Minimum | | 3 | 270 | 279 | 10,3 | 19,0 | 0,4 | 0.048 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,2 | <0.2 | <0.1 | |
| Maximum | | 7 | 517 | 370 | 20,4 | 21,0 | 0,8 | 0.545 | 0,1 | 0,2 | <0.1 | 0,3 | 0,8 | 2,0 | 3,9 | 0,1 | 0,7 | 0,1 | 8 | 8 | 2,7 | 0,3 | 0,2 | |
| St.Dev | | 2 | 101 | 36 | 4,5 | 0,9 | 0,2 | 0.215 | ~0.0 | ~0.1 | ~0.0 | ~0.2 | 0,3 | 0,8 | 1,6 | ~0.0 | ~0.3 | ~0.0 | ~3 | ~3 | 1,1 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(4) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|-------|--|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.03 | | 0.05 | |
| Sam | Sex | Age | Wght | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | X | 3 | 282 | 285 | <0.05 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 | |
| 2/1 | F | 3 | 352 | 305 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 | |
| 3/1 | X | 5 | 401 | 321 | <0.05 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 | |
| 4/1 | F | 4 | 270 | 279 | <0.05 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 | |
| 5/1 | X | 7 | 517 | 370 | <0.05 | <0.05 | <0.1 | 0.14 | <0.03 | <0.05 | |
| Mean | | 5 | 364 | 312 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 | |
| Minimum | | 3 | 270 | 279 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | |
| Maximum | | 7 | 517 | 370 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | |
| St.Dev | | 2 | 101 | 36 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

miss(4) ! Missing value

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Comments

Station: Ullerø area Fish no 1-14 sampled 5.des.2006
Fish no 15-22 sampled 15.jan.2007

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 51,52g
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts w. larvae of Anisakis simpl. 7,10
Skin with ulceration, lymphocytic areas and/or lesions 9 Bulk part sample=51,85g
- 3 Bulk of NIVA no 11,12,13,14,15 Liver ad/or intestinal guts w.larvae of Anisakis simpl.11,12
Age uncertain fish no 15 Bulk part sample = 52,89g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 51,61g
- 5 Bulk of NIVA no 21,22, Age uncertain Liver a/or intestinal guts w. larvae of Anisakis simpl.21,22
Bulk part sample = 40,74g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20021010** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20021010** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|-----|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | | | | | |
| 1/1 | X | 4 | 442 | 329 | 14,9 | 21,8 | 1,0 | 0.033 | <0.05 | miss | 0.27 | 0.13 | 0.35 | 0.67 | 0.98 | <0.05 | 0.20 | <0.05 | <3 | <3 | 1.9 | 0.22 | 2.1 | | | | | | | | | | | | | | | | | | |
| 2/1 | F | 3 | 361 | 307 | 15,0 | 21,9 | 0,9 | 0.024 | <0.05 | miss | 0.22 | 0.10 | 0.24 | 0.39 | 0.57 | <0.05 | 0.09 | <0.05 | <2 | <2 | 1.4 | 0.20 | 1.6 | | | | | | | | | | | | | | | | | | |
| 3/1 | X | 3 | 295 | 292 | 14,1 | 22,3 | 0,8 | 0.020 | <0.05 | 0.09 | 0.21 | 0.08 | 0.22 | 0.34 | 0.49 | <0.05 | 0.09 | <0.05 | <1 | <2 | 1.2 | 0.17 | 1.4 | | | | | | | | | | | | | | | | | | |
| 4/1 | X | 3 | 299 | 289 | 13,0 | 22,3 | 1,2 | 0.021 | 0.07 | 0.23 | 0.47 | 0.19 | 0.50 | 0.76 | 1.1 | 0.05 | 0.20 | <0.05 | 3 | <4 | 2.7 | 0.47 | 3.2 | | | | | | | | | | | | | | | | | | |
| 5/1 | X | 2 | 186 | 261 | 10,1 | 23,1 | 0,7 | 0.017 | <0.05 | miss | 0.22 | 0.10 | 0.25 | 0.37 | 0.58 | <0.05 | 0.09 | <0.05 | <2 | <2 | 1.3 | 0.13 | 1.4 | | | | | | | | | | | | | | | | | | |
| Mean | | 3 | 317 | 296 | 13,4 | 22,3 | 0,9 | 0.023 | <<0.1 | 0,2 | 0,3 | 0,1 | 0,3 | 0,5 | 0,7 | <<0.1 | 0,1 | <<0.1 | <<2 | <<3 | 1,7 | 0,2 | 1,9 | | | | | | | | | | | | | | | | | | |
| Minimum | | 2 | 186 | 261 | 10,1 | 21,8 | 0,7 | 0.017 | <0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,3 | 0,5 | <0.1 | 0,1 | <0.1 | <1 | <2 | 1,2 | 0,1 | 1,4 | | | | | | | | | | | | | | | | | | |
| Maximum | | 4 | 442 | 329 | 15,0 | 23,1 | 1,2 | 0.033 | 0,1 | 0,2 | 0,5 | 0,2 | 0,5 | 0,8 | 1,1 | 0,1 | 0,2 | <0.1 | 3 | <4 | 2,7 | 0,5 | 3,2 | | | | | | | | | | | | | | | | | | |
| St.Dev | | 1 | 94 | 25 | 2,0 | 0,5 | 0,2 | 0.006 | ~0.0 | 0,1 | 0,1 | 0,0 | 0,1 | 0,2 | 0,3 | ~0.0 | 0,1 | ~0.0 | ~1 | ~1 | 0,6 | 0,1 | 0,8 | | | | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | | | |

miss(3) ! Missing value

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 442 | 329 | 0.05 | <0.1 | 0.16 | <0.03 | <0.03 |
| 2/1 | F | 3 | 361 | 307 | 0.05 | <0.1 | 0.13 | <0.03 | <0.03 |
| 3/1 | X | 3 | 295 | 292 | <0.05 | <0.1 | 0.11 | <0.03 | <0.03 |
| 4/1 | X | 3 | 299 | 289 | 0.06 | <0.1 | 0.23 | <0.03 | 0.03 |
| 5/1 | X | 2 | 186 | 261 | <0.05 | <0.1 | 0.11 | <0.03 | <0.03 |
| Mean | | 3 | 317 | 296 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 2 | 186 | 261 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 4 | 442 | 329 | 0,1 | <0.1 | 0,2 | <0.0 | 0,0 |
| St.Dev | | 1 | 94 | 25 | ~0.0 | ~0.0 | 0,1 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(3) ! Missing value

Comments

Station: Åkrefjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20040108** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord Fish sampled between 5.- 8.jan2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20040108** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|------|--|------|--|------|--|------|--|------|--|------|--|-----|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | | | | |
| 1/1 | X | 4 | 270 | 284 | 20,5 | 20,1 | 0,8 | 0.004 | 0.05 | 0.09 | 0.22 | 0.07 | 0.18 | 0.26 | 0.44 | <0.05 | 0.08 | <0.05 | 1 | <1 | 0.94 | 0.20 | 1.1 | | | | | | | | | | | | | | | | |
| 2/1 | X | 5 | 320 | 291 | 20,7 | 21,9 | 0,8 | 0.006 | <0.05 | 0.10 | 0.17 | 0.06 | 0.13 | 0.19 | 0.30 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.65 | 0.23 | 0.9 | | | | | | | | | | | | | | | | |
| 3/1 | X | 4 | 327 | 301 | 20,7 | 21,3 | 0,8 | 0.006 | <0.05 | 0.08 | 0.19 | 0.06 | 0.15 | 0.23 | 0.37 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.82 | 0.20 | 1.0 | | | | | | | | | | | | | | | | |
| 4/1 | X | 5 | 338 | 301 | 20,5 | 20,6 | 0,8 | 0.004 | <0.05 | 0.12 | 0.18 | 0.06 | 0.14 | 0.21 | 0.32 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.70 | 0.21 | 0.9 | | | | | | | | | | | | | | | | |
| 5/1 | X | 5 | 405 | 317 | 20,6 | 21,2 | 0,7 | 0.027 | <0.05 | 0.08 | 0.22 | 0.08 | 0.22 | 0.33 | 0.54 | <0.05 | 0.10 | <0.05 | <2 | <2 | 1.2 | 0.23 | 1.4 | | | | | | | | | | | | | | | | |
| Mean | | 5 | 332 | 299 | 20,6 | 21,0 | 0,8 | 0,009 | <<0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,2 | 0,4 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,9 | 0,2 | 1,1 | | | | | | | | | | | | | | | | |
| Minimum | | 4 | 270 | 284 | 20,5 | 20,1 | 0,7 | 0,004 | <0.1 | 0,1 | 0,2 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,7 | 0,2 | 0,9 | | | | | | | | | | | | | | | | |
| Maximum | | 5 | 405 | 317 | 20,7 | 21,9 | 0,8 | 0,027 | 0,1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,3 | 0,5 | <0.1 | 0,1 | <0.1 | <2 | <2 | 1,2 | 0,2 | 1,4 | | | | | | | | | | | | | | | | |
| St.Dev | | 0 | 48 | 12 | 0,1 | 0,7 | 0,0 | 0,010 | ~0.0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 | 0,1 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,2 | 0,0 | 0,2 | | | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | |

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 270 | 284 | <0.05 | <0.1 | 0.16 | <0.03 | <0.03 |
| 2/1 | X | 5 | 320 | 291 | <0.05 | <0.1 | 0.13 | <0.03 | <0.03 |
| 3/1 | X | 4 | 327 | 301 | <0.05 | <0.1 | 0.14 | <0.03 | <0.03 |
| 4/1 | X | 5 | 338 | 301 | <0.05 | <0.1 | 0.13 | <0.03 | <0.03 |
| 5/1 | X | 5 | 405 | 317 | <0.05 | <0.1 | 0.13 | <0.03 | <0.03 |
| Mean | | 5 | 332 | 299 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 4 | 270 | 284 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum | | 5 | 405 | 317 | <0.1 | <0.1 | 0,2 | <0.0 | <0.0 |
| St.Dev | | 0 | 48 | 12 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrefjord Fish sampled between 5.- 8.jan2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20041231** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Fished at dec.2004

sample no.

1 Bulk in NIVA no 1,2,3,4,5 Age uncertain no 3
2 Bulk in NIVA no 6,7,8,9,10 Age uncertain no 7,9,10
3 Bulk in NIVA no 11,12,13,14,15
4 Bulk in NIVA no 16,17,18,19,20 Age uncertain no 18
5 Bulk in NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20041231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|------|--|------|--|------|--|------|--|------|--|-----|--|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | | | | | | | | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | | | | | | | | | | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | | | | | | | | | | | |
| 1/1 | X | 5 | 530 | 358 | 20,6 | 20,6 | 0,6 | 0.084 | <0.05 | 0.07 | 0.22 | 0.08 | 0.25 | 0.49 | 0.65 | <0.05 | 0.16 | <0.05 | <2 | <2 | 0.99 | 0.16 | 1.2 | | | | | | | | | | | | | | |
| 2/1 | F | 5 | 424 | 324 | 20,4 | 21,0 | 0,6 | 0.119 | <0.05 | 0.07 | 0.24 | 0.09 | 0.27 | 0.58 | 0.79 | <0.05 | 0.21 | <0.05 | <2 | <2 | 1.1 | 0.09 | 1.2 | | | | | | | | | | | | | | |
| 3/1 | X | 3 | 306 | 296 | 10,4 | 20,7 | 0,5 | 0.088 | <0.05 | <0.05 | 0.08 | <0.05 | 0.10 | 0.20 | 0.27 | <0.05 | 0.06 | <0.05 | <1 | <1 | 0.46 | 0.05 | 0.5 | | | | | | | | | | | | | | |
| 4/1 | X | 3 | 258 | 282 | 10,6 | 21,2 | 0,4 | 0.051 | <0.05 | <0.05 | 0.10 | <0.05 | 0.12 | 0.27 | 0.40 | <0.05 | 0.11 | <0.05 | <1 | <1 | 0.49 | 0.05 | 0.5 | | | | | | | | | | | | | | |
| 5/1 | X | 3 | 237 | 273 | 10,5 | 20,9 | 0,5 | 0.043 | <0.05 | <0.05 | 0.11 | <0.05 | 0.12 | 0.30 | 0.42 | <0.05 | 0.12 | <0.05 | <1 | <1 | 0.51 | 0.05 | 0.6 | | | | | | | | | | | | | | |
| Mean | | 4 | 351 | 307 | 14,5 | 20,9 | 0,5 | 0,077 | <<0.1 | <<0.1 | 0,2 | <<0.1 | 0,2 | 0,4 | 0,5 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,7 | 0,1 | 0,8 | | | | | | | | | | | | | | |
| Minimum | | 3 | 237 | 273 | 10,4 | 20,6 | 0,4 | 0,043 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,5 | 0,1 | 0,5 | | | | | | | | | | | | | | |
| Maximum | | 5 | 530 | 358 | 20,6 | 21,2 | 0,7 | 0,119 | <0.1 | 0,1 | 0,2 | 0,1 | 0,3 | 0,6 | 0,8 | <0.1 | 0,2 | <0.1 | <2 | <2 | 1,1 | 0,2 | 1,2 | | | | | | | | | | | | | | |
| St.Dev | | 1 | 123 | 35 | 5,5 | 0,2 | 0,1 | 0,031 | ~0.0 | ~0.0 | 0,1 | ~0.0 | 0,1 | 0,2 | 0,2 | ~0.0 | 0,1 | ~0.0 | ~1 | ~1 | 0,3 | 0,0 | 0,4 | | | | | | | | | | | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | |

| Analytical lab. => | | | | NIVA | | | | | |
|--------------------|-----|------|------|----------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc | | 341 | | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 530 | 358 | <0.05 | <0.1 | 0.10 | <0.03 | <0.03 |
| 2/1 | F | 5 | 424 | 324 | <0.05 | <0.1 | 0.07 | <0.03 | <0.03 |
| 3/1 | X | 3 | 306 | 296 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 4/1 | X | 3 | 258 | 282 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 5/1 | X | 3 | 237 | 273 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| Mean | | 4 | 351 | 307 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum | | 3 | 237 | 273 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | | 5 | 530 | 358 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 123 | 35 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrafjord Fished at dec.2004

sample no.

- 1 Bulk in NIVA no 1,2,3,4,5 Age uncertain no 3
- 2 Bulk in NIVA no 6,7,8,9,10 Age uncertain no 7,9,10
- 3 Bulk in NIVA no 11,12,13,14,15
- 4 Bulk in NIVA no 16,17,18,19,20 Age uncertain no 18
- 5 Bulk in NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20060226** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration
Liver absent
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 16
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LIMA LIM** Limanda limanda GB: Dab, N: Sandflyndre
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20060226** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| Analysis code => | | | | 310 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | | 341 | |
| Detection limit => | | | | Mean | | 0.005 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | | | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 226 | 274 | 10,5 | 22,0 | 0,3 | 0.004 | <0.05 | 0.09 | 0.16 | 0.06 | 0.12 | 0.14 | 0.20 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.41 | <0.1 | 0.1 | | | | |
| 2/1 | X | 4 | 264 | 283 | 10,4 | 20,0 | 0,4 | 0.009 | <0.05 | 0.11 | 0.22 | 0.08 | 0.18 | 0.23 | 0.32 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.65 | <0.1 | 0.12 | | | | |
| 3/1 | X | 3 | 330 | 304 | 20,7 | 22,0 | 0,7 | 0.018 | <0.05 | 0.11 | 0.29 | 0.10 | 0.24 | 0.34 | 0.51 | <0.05 | 0.1 | <0.05 | <2 | <2 | 1.1 | <0.1 | 0.21 | | | | |
| 4/1 | X | 4 | 451 | 325 | 20,2 | 21,0 | 1,2 | 0.009 | 0.07 | 0.12 | 0.73 | 0.19 | 0.48 | 0.64 | 1.1 | <0.05 | 0.20 | <0.05 | 3 | <4 | 2.5 | <0.1 | 0.47 | | | | |
| 5/1 | X | 4 | 517 | 345 | 20,4 | 22,0 | 1,0 | 0.020 | <0.05 | 0.11 | 0.33 | 0.12 | 0.31 | 0.39 | 0.59 | <0.05 | 0.14 | <0.05 | <2 | <2 | 1.4 | <0.1 | 0.22 | | | | |
| Mean | | 3 | 358 | 306 | 16,4 | 21,4 | 0,7 | 0,012 | <<0.1 | 0,1 | 0,3 | 0,1 | 0,3 | 0,3 | 0,5 | <<0.1 | <0.1 | <<0.1 | <<2 | <<2 | 1,2 | <<0.1 | 0,2 | | | | |
| Minimum | | 3 | 226 | 274 | 10,4 | 20,0 | 0,3 | 0,004 | <0.1 | 0,1 | 0,2 | 0,1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,4 | <0.1 | 0,1 | | | | |
| Maximum | | 4 | 517 | 345 | 20,7 | 22,0 | 1,2 | 0,020 | 0,1 | 0,1 | 0,7 | 0,2 | 0,5 | 0,6 | 1,1 | <0.1 | 0,2 | <0.1 | 3 | <4 | 2,5 | <0.1 | 0,5 | | | | |
| St.Dev | | 0 | 124 | 29 | 5,5 | 0,9 | 0,4 | 0,007 | ~0.0 | 0,0 | 0,2 | 0,1 | 0,1 | 0,2 | 0,3 | ~0.0 | ~0.1 | ~0.0 | ~1 | ~1 | 0,8 | ~0.0 | 0,1 | | | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|------|-------|-------|------|------|
| Analysis code => | | | | 341 | | 341 | | 341 | | 341 | | |
| Detection limit => | | | | 0.05 | | 0.05 | | 0.05 | | 0.05 | | |
| Sam | Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 3 | 226 | 274 | <0.05 | <0.05 | <0.1 | 0.11 | <0.03 | <0.05 | | |
| 2/1 | X | 4 | 264 | 283 | <0.05 | <0.05 | <0.1 | 0.13 | <0.03 | <0.05 | | |
| 3/1 | X | 3 | 330 | 304 | <0.05 | <0.05 | <0.1 | 0.17 | <0.03 | <0.05 | | |
| 4/1 | X | 4 | 451 | 325 | <0.05 | <0.05 | <0.1 | 0.30 | <0.03 | <0.05 | | |
| 5/1 | X | 4 | 517 | 345 | <0.05 | <0.05 | <0.1 | 0.15 | <0.03 | <0.05 | | |
| Mean | | 3 | 358 | 306 | <<0.1 | <<0.1 | <<0.1 | 0,2 | <<0.0 | <<0.1 | | |
| Minimum | | 3 | 226 | 274 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 | | |
| Maximum | | 4 | 517 | 345 | <0.1 | <0.1 | <0.1 | 0,3 | <0.0 | <0.1 | | |
| St.Dev | | 0 | 124 | 29 | ~0.0 | ~0.0 | ~0.0 | 0,1 | ~0.0 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |

Comments
 Station: Åkrafjord

- sample no.
- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration
Liver absent
 - 2 Bulk of NIVA no 6,7,8,9,10
 - 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 13,14
 - 4 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 16
 - 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **92F Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
Catch,date : **20050827** Count: 25 Sample type: **Individual**

Comments

Station: Stokken area

sample no.

1 Bulk of NIVA no 1,2,3,4,5
2 Bulk of NIVA no 6,7,8,9,10
3 Bulk of NIVA no 11,12,13,14,15
4 Bulk of NIVA no 16,17,18,19,20
5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 23,25 Liver colour: red brown
Liver weight in bulk. 82,63g/ 5 = 16,53g ??
6 ! Liver colour: red brown
7 ! Liver colour: red brown
8 ! Liver colour: red brown
9 ! Liver colour: yellow red
10 ! Liver colour: yellow red
11 ! Liver colour: red brown
12 ! Liver colour: brown red
13 ! Liver colour: red brown
14 ! Liver colour: red brown
15 ! Liver colour: yellow red
16 ! Liver colour: brown red
17 ! Liver colour: yellow red
18 ! Liver colour: yellow red
19 ! Liver colour: yellow brown
20 ! Liver colour: brown red
21 ! Liver colour: yellow brown
22 ! Liver colour: yellow brown Liver colour: yellow brown
23 ! Liver colour: red brown
24 ! Liver colour: brown yellow
25 ! Liver colour: yellow brown
26 ! Liver colour: yellow red
Liver weight in bulk 14,57g
27 ! Liver colour: yellow red
28 ! Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: yellow red
29 ! Liver colour: yellow red
30 ! Liver and/or intestinal guts with larvae of Anisakis simplex
Liver colour: red brown

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **92F Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20050827** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | NIVA | | |
|--------------------|-----|------|------|------|--------|------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | 315 | | 315 | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | 0.01 | | 0.04 | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 5 | 614 | 374 | 9,5 | 30,0 | 17,0 | 0.087 | 1.22 | 0.02 | 28.5 | <0.5 | <0.5 | s0.99 | <0.5 | 1.5 | 2.6 | 3.6 | <0.5 | 0.78 | <0.5 | s<10 | s<10 | |
| 2/1 | X | 5 | 712 | 390 | 13,0 | 33,0 | 19,0 | 0.104 | 1.16 | <0.02 | 26.1 | <0.5 | <0.5 | s0.52 | 0.57 | 1.7 | 3.0 | 4.5 | <0.5 | 0.96 | <0.5 | s<11 | s<12 | |
| 3/1 | F | 7 | 815 | 400 | 12,7 | 27,0 | 12,0 | 0.248 | 2.16 | 0.02 | 36.4 | <0.5 | <0.5 | s0.66 | <0.5 | 1.0 | 1.9 | 2.6 | <0.5 | 0.60 | <0.5 | s<7 | s<7 | |
| 4/1 | X | 6 | 806 | 408 | 13,5 | 33,0 | 21,0 | 0.105 | 1.40 | 0.02 | 31.1 | <0.5 | <0.5 | s0.62 | <0.5 | 1.1 | 1.9 | 2.4 | <0.5 | 0.63 | <0.5 | s<7 | s<7 | |
| 5/1 | F | 7 | 1121 | 455 | 19,1 | 30,0 | 16,0 | 0.181 | 1.10 | 0.02 | 38.1 | <0.5 | 0.54 | s0.86 | <0.5 | 1.4 | 2.3 | 3.1 | <0.5 | 0.64 | <0.5 | s<9 | s<9 | |
| Mean | | 6 | 813 | 405 | 13,6 | 30,6 | 17,0 | 0,15 | 1,41 | <0.02 | 32,0 | <<0.5 | <<0.5 | s0.7 | <<0.5 | 1,3 | 2,3 | 3,2 | <<0.5 | 0,7 | <<0.5 | s<<9 | s<<9 | |
| Minimum | | 5 | 614 | 374 | 9,5 | 27,0 | 12,0 | 0,09 | 1,10 | <0.02 | 26,1 | <0.5 | <0.5 | s0.5 | <0.5 | 1,0 | 1,9 | 2,4 | <0.5 | 0,6 | <0.5 | s<7 | s<7 | |
| Maximum | | 7 | 1121 | 455 | 19,1 | 33,0 | 21,0 | 0,25 | 2,16 | 0,02 | 38,1 | <0.5 | 0,5 | s1.0 | 0,6 | 1,7 | 3,0 | 4,5 | <0.5 | 1,0 | <0.5 | s<11 | s<12 | |
| St.Dev | | 1 | 190 | 30 | 3,5 | 2,5 | 3,4 | 0,07 | 0,44 | ~0.00 | 5,1 | ~0.0 | ~0.0 | s0.2 | ~0.0 | 0,3 | 0,5 | 0,8 | ~0.0 | 0,2 | ~0.0 | s~2 | s~2 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

s/q(27) ! Suspect value

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| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 5 | 614 | 374 | <1.5 | <1.0 | <5.4 | 0.68 | <0.5 | <1.2 | 1.6 | <0.3 | <0.5 |
| 2/1 | X | 5 | 712 | 390 | <1.5 | <1.0 | <8.1 | 0.72 | 0.59 | 1.3 | 1.6 | <0.3 | <0.5 |
| 3/1 | F | 7 | 815 | 400 | <1.5 | <1.0 | <4.3 | <0.5 | <0.5 | <0.5 | 1.2 | <0.3 | <0.5 |
| 4/1 | X | 6 | 806 | 408 | <1.5 | <1.0 | <3.9 | <0.5 | <0.5 | <0.5 | 1.0 | <0.3 | <0.5 |
| 5/1 | F | 7 | 1121 | 455 | <1.5 | 1.1 | <6.2 | 0.63 | <0.5 | <1.1 | 1.6 | <0.3 | <0.5 |
| Mean | | 6 | 813 | 405 | <<1.5 | <<1.0 | <<5.6 | <<0.6 | <<0.5 | <<0.9 | 1,4 | <<0.3 | <<0.5 |
| Minimum | | 5 | 614 | 374 | <1.5 | <1.0 | <3.9 | <0.5 | <0.5 | <0.5 | 1,0 | <0.3 | <0.5 |
| Maximum | | 7 | 1121 | 455 | <1.5 | 1,1 | <8.1 | 0,7 | 0,6 | 1,3 | 1,6 | <0.3 | <0.5 |
| St.Dev | | 1 | 190 | 30 | ~0.0 | ~0.0 | ~1.7 | ~0.1 | ~0.0 | ~0.4 | 0,3 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

s/q(27) ! Suspect value

Comments

Station: Stokken area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex no 23,25 Liver colour: red brown
Liver weight in bulk. 82,63g/ 5 = 16,53g ??

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette

Sample area: **J99 Undefined** Tissue: LIVER

Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E

Catch,date : **20021231** Count: 20 Sample type: **Individual**

Comments

Station: Lille Molla Sampling date uncertain

sample no.

- 1 Bulk of NIVA no 16,17,18,19,20
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 6,7,8,9,10
- 4 Bulk of NIVA no 1,2,3,4,5
- 5 ! Age uncertain Liver colour: brown

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Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20021231** Count: 20 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|--------|------|------|-------|------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | | | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 5 | 438 | 340 | 3,8 | 24,2 | 11,0 | 0.190 | 2.37 | 0.0423 | 23.6 | <0.20 | 0.42 | 0.91 | 0.53 | 1.5 | 3.1 | 4.1 | <0.20 | 0.88 | <0.20 | <11 | <12 | |
| 2/1 M | 6 | 489 | 346 | 3,3 | 17,4 | 5,0 | 0.247 | 2.12 | 0.0772 | 26.0 | <0.20 | 0.44 | 0.59 | 0.32 | 0.90 | 1.7 | 2.3 | <0.20 | 0.50 | <0.20 | <7 | <7 | |
| 3/1 X | 5 | 512 | 362 | 3,3 | 22,4 | 8,0 | 0.445 | 3.83 | 0.0986 | 32.7 | 0.29 | 0.48 | 0.97 | 0.65 | 1.8 | 3.3 | 4.4 | 0.22 | 0.96 | <0.20 | 12 | <13 | |
| 4/1 M | 6 | 529 | 372 | 4,5 | 21,4 | 9,0 | 0.181 | 1.43 | 0.0603 | 24.4 | <0.20 | 0.47 | 0.96 | 0.50 | 1.3 | 2.5 | 3.5 | <0.20 | 0.74 | <0.20 | <10 | <10 | |
| Mean | 6 | 492 | 355 | 3,7 | 21,4 | 8,3 | 0,27 | 2,44 | 0,07 | 26,7 | <<0.2 | 0,5 | 0,9 | 0,5 | 1,4 | 2,7 | 3,6 | <<0.2 | 0,8 | <<0.2 | <<10 | <<11 | |
| Minimum | 5 | 438 | 340 | 3,3 | 17,4 | 5,0 | 0,18 | 1,43 | 0,04 | 23,6 | <0.2 | 0,4 | 0,6 | 0,3 | 0,9 | 1,7 | 2,3 | <0.2 | 0,5 | <0.2 | <7 | <7 | |
| Maximum | 6 | 529 | 372 | 4,5 | 24,2 | 11,0 | 0,45 | 3,83 | 0,10 | 32,7 | 0,3 | 0,5 | 1,0 | 0,7 | 1,8 | 3,3 | 4,4 | 0,2 | 1,0 | <0.2 | 12 | <13 | |
| St.Dev | 0 | 40 | 15 | 0,6 | 2,9 | 2,5 | 0,12 | 1,01 | 0,02 | 4,1 | ~0.0 | 0,0 | 0,2 | 0,1 | 0,4 | 0,7 | 0,9 | ~0.0 | 0,2 | ~0.0 | ~2 | ~3 | |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |

| Analytical lab. => | | | | NIVA | | | | | | | | |
|--------------------|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|--|
| Analysis code => | | | | 340 | | | | | | | | |
| Detection limit => | | | | 3 | | | | | | | | |
| Sam;Sex | Age | Wght | Lngt | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 X | 5 | 438 | 340 | 0.32 | 6.0 | 0.33 | 0.29 | 0.6 | 0.95 | <0.10 | <0.10 | |
| 2/1 M | 6 | 489 | 346 | 0.32 | 3.2 | <0.20 | <0.20 | <0.2 | 0.60 | <0.10 | <0.10 | |
| 3/1 X | 5 | 512 | 362 | 0.44 | 5.3 | 0.23 | <0.20 | <0.4 | 0.96 | <0.10 | <0.10 | |
| 4/1 M | 6 | 529 | 372 | 0.49 | 5.8 | 0.28 | 0.24 | 0.5 | 0.96 | <0.10 | <0.10 | |
| Mean | 6 | 492 | 355 | 0,4 | 5,1 | <0.3 | <<0.2 | <<0.4 | 0,9 | <<0.1 | <<0.1 | |
| Minimum | 5 | 438 | 340 | 0,3 | 3,2 | <0.2 | <0.2 | <0.2 | 0,6 | <0.1 | <0.1 | |
| Maximum | 6 | 529 | 372 | 0,5 | 6,0 | 0,3 | 0,3 | 0,6 | 1,0 | <0.1 | <0.1 | |
| St.Dev | 0 | 40 | 15 | 0,1 | 1,3 | ~0.1 | ~0.0 | ~0.2 | 0,2 | ~0.0 | ~0.0 | |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |

Comments

Station: Lille Molla Sampling date uncertain

sample no.

- 1 Bulk of NIVA no 16,17,18,19,20
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 6,7,8,9,10
- 4 Bulk of NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20031231** Count: 15 Sample type: **Individual**

Comments

Station: Lille Molla sampled in december

sample no.

4 ! Liver colour:yellow brown

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20031231** Count: 15 Sample type: **Bulked**

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | NIVA | NIVA | | | | |
|-----------------|------|------|------|--------|------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code | => | 315 | | | | | | | | | | | | | | | | 315 | 340 | | | | |
| Detection limit | => | Mean | 0.00 | | | | | | | | | | | | | | | | 0.01 | 0.04 | | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 5 | 420 | 340 | 2,1 | 27,1 | 12,0 | 0.141 | 2.04 | 0.04 | 31.7 | 0.30 | 0.42 | 1.0 | 0.59 | 1.7 | 2.9 | 3.9 | <0.2 | 0.61 | <0.2 | 11 | <12 | |
| 2/1 X | 6 | 688 | 396 | 5,6 | 22,8 | 4,0 | 0.699 | 7.14 | 0.13 | 38.8 | <0.2 | <0.2 | 0.83 | 0.51 | 1.5 | 2.7 | 4.3 | <0.2 | 0.99 | <0.2 | <11 | <11 | |
| 3/1 X | 7 | 1046 | 442 | 11,5 | 26,6 | 10,0 | 0.218 | 4.72 | 0.03 | 42.7 | 0.20 | 0.24 | 0.90 | 0.48 | 1.2 | 2.3 | 2.9 | <0.2 | 0.45 | <0.2 | 8 | <9 | |
| Mean | 6 | 718 | 393 | 6,4 | 25,5 | 8,7 | 0,35 | 4,63 | 0,07 | 37,7 | <<0.2 | <<0.3 | 0,9 | 0,5 | 1,5 | 2,6 | 3,7 | <<0.2 | 0,7 | <<0.2 | <<10 | <<11 | |
| Minimum | 5 | 420 | 340 | 2,1 | 22,8 | 4,0 | 0,14 | 2,04 | 0,03 | 31,7 | <0.2 | <0.2 | 0,8 | 0,5 | 1,2 | 2,3 | 2,9 | <0.2 | 0,5 | <0.2 | 8 | <9 | |
| Maximum | 7 | 1046 | 442 | 11,5 | 27,1 | 12,0 | 0,70 | 7,14 | 0,13 | 42,7 | 0,3 | 0,4 | 1,0 | 0,6 | 1,7 | 2,9 | 4,3 | <0.2 | 1,0 | <0.2 | 11 | <12 | |
| St.Dev | 1 | 314 | 51 | 4,8 | 2,4 | 4,2 | 0,30 | 2,55 | 0,06 | 5,6 | ~0.1 | ~0.1 | 0,1 | 0,1 | 0,3 | 0,3 | 0,7 | ~0.0 | 0,3 | ~0.0 | ~2 | ~2 | |
| Count | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |

| Analytical lab. | => | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|-----------------|------|------|------|-------|-------|------|-------|-------|------|-------|-------|
| Analysis code | => | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | |
| Detection limit | => | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | |
| Sam;Sex | Age | Wght | Lngt | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 5 | 420 | 340 | 0.49 | 4.1 | 0.48 | 0.27 | 0.8 | 0.89 | 0.11 | <0.1 |
| 2/1 X | 6 | 688 | 396 | 0.21 | 5.8 | 0.20 | <0.2 | <0.4 | 0.42 | <0.1 | <0.1 |
| 3/1 X | 7 | 1046 | 442 | 0.26 | 2.8 | 0.27 | 0.22 | 0.5 | 0.68 | <0.1 | <0.1 |
| Mean | 6 | 718 | 393 | 0,3 | 4,2 | 0,3 | <<0.2 | <<0.6 | 0,7 | <<0.1 | <<0.1 |
| Minimum | 5 | 420 | 340 | 0,2 | 2,8 | 0,2 | <0.2 | <0.4 | 0,4 | <0.1 | <0.1 |
| Maximum | 7 | 1046 | 442 | 0,5 | 5,8 | 0,5 | 0,3 | 0,8 | 0,9 | 0,1 | <0.1 |
| St.Dev | 1 | 314 | 51 | 0,1 | 1,5 | 0,1 | ~0.0 | ~0.2 | 0,2 | ~0.0 | ~0.0 |
| Count | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

Comments

Station: Lille Molla sampled in december

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
Catch,date : **20041030** Count: 23 Sample type: **Individual**

Comments

Station: Lille Molla

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20041030** Count: 23 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|--------|---------|----------|-------|-------|--------|--------|--------|--------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Analysis code => | 315 315 315 315 340 340 340 340 340 340 340 340 340 340 340 340 | | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | weight g | Dry % | Fat % | CD ppm | CU ppm | PB ppm | ZN ppm | CB28 ppb | CB52 ppb | CB101 ppb | CB105 ppb | CB118 ppb | CB138 ppb | CB153 ppb | CB156 ppb | CB180 ppb | CB209 ppb | CB_Σ7 ppb | CB_ΣΣ ppb |
| 1/1 X | 4 | 263 | 283 | 2,3 | 19,8 | 4,8 | 0.0726 | 1.67 | 0.02 | 25.1 | <0.2 | 0.24 | 0.92 | <0.2 | 0.46 | 0.80 | 0.98 | <0.2 | <0.2 | <0.2 | <4 | <4 |
| 2/1 X | 4 | 303 | 305 | 2,4 | 23,8 | 7,4 | 0.0960 | 3.19 | 0.02 | 29.7 | <0.2 | 0.32 | 1.9 | 0.20 | 0.60 | 1.2 | 1.5 | <0.2 | 0.28 | <0.2 | <6 | <6 |
| 3/1 X | 4 | 321 | 325 | 3,2 | 33,9 | 19,0 | 0.0537 | 1.51 | 0.02 | 25.7 | <1 | <1 | 3.3 | <1 | 1.6 | 2.7 | 3.2 | <1 | <1 | <1 | <12 | <12 |
| 4/1 X | 4 | 363 | 320 | 3,4 | 26,0 | 13,0 | 0.137 | 2.10 | <0.02 | 28.1 | <1 | <1 | 2.0 | <1 | 1.2 | 2.4 | 2.8 | <1 | <1 | <1 | <9 | <9 |
| 5/1 M | 3 | 388 | 328 | 5,0 | 33,5 | 17,0 | 0.0570 | 1.61 | <0.02 | 23.5 | <1 | <1 | 2.4 | <1 | 1.1 | 1.6 | 1.8 | <1 | <1 | <1 | <8 | <8 |
| Mean | 4 | 328 | 312 | 3,2 | 27,4 | 12,2 | 0,08 | 2,02 | <<0.02 | 26,4 | <<0.7 | <<0.7 | 2,1 | <<0.7 | 1,0 | 1,7 | 2,1 | <<0.7 | <<0.7 | <<0.7 | <<8 | <<8 |
| Minimum | 3 | 263 | 283 | 2,3 | 19,8 | 4,8 | 0,05 | 1,51 | <0.02 | 23,5 | <0.2 | 0,2 | 0,9 | <0.2 | 0,5 | 0,8 | 1,0 | <0.2 | <0.2 | <0.2 | <4 | <4 |
| Maximum | 4 | 388 | 328 | 5,0 | 33,9 | 19,0 | 0,14 | 3,19 | 0,02 | 29,7 | <1.0 | <1.0 | 3,3 | <1.0 | 1,6 | 2,7 | 3,2 | <1.0 | <1.0 | <1.0 | <12 | <12 |
| St.Dev | 0 | 49 | 19 | 1,1 | 6,2 | 6,1 | 0,03 | 0,69 | ~0.00 | 2,5 | ~0.4 | ~0.4 | 0,9 | ~0.4 | 0,5 | 0,8 | 0,9 | ~0.4 | ~0.4 | ~0.4 | ~3 | ~3 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | NIVA | | | | | | | | | | |
|---------------------|-----------------------------------|--------|---------|-----------|-----------|----------|----------|-----------|---------|---------|---------|
| Analysis code => | 340 Calc 340 340 Calc 340 340 340 | | | | | | | | | | |
| Detection limit => | 3 0.5 2 2 2 2 | | | | | | | | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | TDEPP ppb | DD_Σ4 ppb | HCHA ppb | HCHG ppb | HC_Σ2 ppb | HCB ppb | QCB ppb | OCS ppb |
| 1/1 X | 4 | 263 | 283 | <0.2 | <1.4 | <0.2 | <0.2 | <0.2 | 0.45 | <0.1 | <0.1 |
| 2/1 X | 4 | 303 | 305 | 0.22 | 1.9 | <0.2 | <0.2 | <0.2 | 0.56 | <0.1 | <0.1 |
| 3/1 X | 4 | 321 | 325 | <1 | <4.8 | <1 | <1 | <1.0 | 1.5 | <0.5 | <0.5 |
| 4/1 X | 4 | 363 | 320 | <1 | <3.9 | <1 | <1 | <1.0 | 1.2 | <0.5 | <0.5 |
| 5/1 M | 3 | 388 | 328 | <1 | <3.8 | <1 | <1 | <1.0 | 1.5 | <0.5 | <0.5 |
| Mean | 4 | 328 | 312 | <<0.7 | <<3.2 | <<0.7 | <<0.7 | <<0.7 | 1,0 | <<0.3 | <<0.3 |
| Minimum | 3 | 263 | 283 | <0.2 | <1.4 | <0.2 | <0.2 | <0.2 | 0,5 | <0.1 | <0.1 |
| Maximum | 4 | 388 | 328 | <1.0 | <4.8 | <1.0 | <1.0 | <1.0 | 1,5 | <0.5 | <0.5 |
| St.Dev | 0 | 49 | 19 | ~0.4 | ~1.4 | ~0.4 | ~0.4 | ~0.4 | 0,5 | ~0.2 | ~0.2 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Lille Molla

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
Catch,date : **20060228** Count: 10 Sample type: **Individual**

Comments

Station: Lille Molla Fish sampled in febr.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no2
Signs of mechanical damage (e.g., net wounds) no2
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of Anisakis simpl.n10
- 3 ! Liver colour: red yellow
- 4 ! Signs of mechanical damage (e.g., net wounds)
Liver with necrotic areas and/or discolouration Liver colour: yellow brown
- 5 ! Liver colour: yellow brown

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20060228** Count: 10 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | NIVA | NIVA | | | | |
|---------------------|----------|--------|---------|----------|-------|-------|--------|--------|--------|--------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Analysis code => | 315 | | | | | | | | | | | | | | | | 315 | 315 | | | | |
| Detection limit => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | weight g | Dry % | Fat % | CD ppm | CU ppm | PB ppm | ZN ppm | CB28 ppb | CB52 ppb | CB101 ppb | CB105 ppb | CB118 ppb | CB138 ppb | CB153 ppb | CB156 ppb | CB180 ppb | CB209 ppb | CB_Σ7 ppb | CB_ΣΣ ppb |
| 1/1 M | 7 | 469 | 364 | 2,3 | 18,0 | 6,0 | 2.28 | 2.74 | 0.16 | 28.8 | 0.22 | 0.43 | 0.95 | 1.6 | 5.9 | 9.9 | 19 | 0.61 | 3.8 | <0.2 | 40 | <43 |
| 2/1 X | 6 | 697 | 408 | 5,2 | 22,0 | 10,0 | 0.450 | 2.42 | 0.26 | 32.8 | 0.43 | 0.51 | 1.4 | 0.96 | 2.6 | 3.4 | 5.1 | 0.30 | 1.0 | <0.2 | 14 | <16 |
| Mean | 7 | 583 | 386 | 3,7 | 20,0 | 8,0 | 1,37 | 2,58 | 0,21 | 30,8 | 0,3 | 0,5 | 1,2 | 1,3 | 4,3 | 6,7 | 12,1 | 0,5 | 2,4 | <<0.2 | 27 | <<30 |
| Minimum | 6 | 469 | 364 | 2,3 | 18,0 | 6,0 | 0,45 | 2,42 | 0,16 | 28,8 | 0,2 | 0,4 | 1,0 | 1,0 | 2,6 | 3,4 | 5,1 | 0,3 | 1,0 | <0.2 | 14 | <16 |
| Maximum | 7 | 697 | 408 | 5,2 | 22,0 | 10,0 | 2,28 | 2,74 | 0,26 | 32,8 | 0,4 | 0,5 | 1,4 | 1,6 | 5,9 | 9,9 | 19,0 | 0,6 | 3,8 | <0.2 | 40 | <43 |
| St.Dev | 0 | 161 | 31 | 2,0 | 2,8 | 2,8 | 1,29 | 0,23 | 0,07 | 2,8 | 0,1 | 0,1 | 0,3 | 0,5 | 2,3 | 4,6 | 9,8 | 0,2 | 2,0 | ~0.0 | 18 | ~19 |
| Count | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

| Analytical lab. => | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | | |
|---------------------|----------|--------|---------|-----------|-----------|-----------|----------|----------|-----------|---------|---------|---------|
| Analysis code => | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | | |
| Detection limit => | 2 | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | DDTPP ppb | TDEPP ppb | DD Σ4 ppb | HCHA ppb | HCHG ppb | HC Σ2 ppb | HCB ppb | QCB ppb | OCS ppb |
| 1/1 M | 7 | 469 | 364 | 0.89 | 0.60 | 14.5 | <0.2 | <0.2 | <0.2 | 1.7 | <0.2 | <0.2 |
| 2/1 X | 6 | 697 | 408 | 0.47 | 1.1 | 8.1 | <0.2 | <0.2 | <0.2 | 0.70 | <0.1 | <0.2 |
| Mean | 7 | 583 | 386 | 0,7 | 0,9 | 11,3 | <<0.2 | <<0.2 | <<0.2 | 1,2 | <<0.2 | <<0.2 |
| Minimum | 6 | 469 | 364 | 0,5 | 0,6 | 8,1 | <0.2 | <0.2 | <0.2 | 0,7 | <0.1 | <0.2 |
| Maximum | 7 | 697 | 408 | 0,9 | 1,1 | 14,5 | <0.2 | <0.2 | <0.2 | 1,7 | <0.2 | <0.2 |
| St.Dev | 0 | 161 | 31 | 0,3 | 0,4 | 4,5 | ~0.0 | ~0.0 | ~0.0 | 0,7 | ~0.1 | ~0.0 |
| Count | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

Comments

Station: Lille Molla Fish sampled in febr.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no2
Signs of mechanical damage (e.g., net wounds) no2
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of Anisakis simpl.n10

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **98F2 Husholmen** Latitude: 68°13.81N Longitude: 14°46.82
Catch,date : **20061214** Count: 4 Sample type: **Individual**

Comments

Station: Husholmen Fish 1-4 sampled 14.dec.2006
Fish 6-24 unknown samplingdate.

sample no.

- 1 Bulk of NIVA no 1,2,3,4 Age uncertain no 4
Liver colour: red yellow 2,3,4 og yellow red 1
- 2 ! Liver colour: yellow red

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **98F2 Husholmen** Latitude: 68°13.81N Longitude: 14°46.82
 Catch,date : **20061214** Count: 4 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|--------|---------|----------|-------|-------|--------|--------|--------|--------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Analysis code => | 315 | | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | weight g | Dry % | Fat % | CD ppm | CU ppm | PB ppm | ZN ppm | CB28 ppb | CB52 ppb | CB101 ppb | CB105 ppb | CB118 ppb | CB138 ppb | CB153 ppb | CB156 ppb | CB180 ppb | CB209 ppb | CB_Σ7 ppb | CB_ΣΣ ppb |
| 1/1 X | 4 | 713 | 393 | 6,7 | 23,0 | 4,3 | 0.219 | 2.72 | 0.17 | 32.7 | <1.5 | <0.20 | 0.36 | <0.20 | 0.71 | 0.95 | 1.1 | <0.20 | <0.20 | <0.20 | <5 | <5 |
| 6/1 M | 6 | 406 | 338 | 2,2 | 23,0 | 4,2 | 0.630 | 1.93 | 0.15 | 28.2 | <0.20 | 0.28 | 1.2 | 0.62 | 2.2 | 3.4 | 5.0 | 0.20 | 0.67 | <0.20 | <13 | <14 |
| 7/1 M | 6 | 564 | 378 | 2,9 | 19,0 | 5,6 | 0.292 | 2.49 | 0.11 | 25.8 | <0.20 | 0.34 | 2.3 | 0.67 | 2.1 | 3.2 | 5.0 | <0.20 | 0.72 | <0.20 | <14 | <15 |
| 8/1 X | 6 | 662 | 402 | 5,6 | 22,0 | 7,0 | 0.615 | 1.65 | 0.10 | 23.2 | <0.20 | 0.32 | 1.5 | 0.98 | 2.9 | 4.5 | 8.0 | 0.27 | 1.6 | <0.20 | <19 | <20 |
| 9/1 F | | 1149 | 485 | 10,6 | 16,0 | 3,5 | 0.593 | 4.11 | 0.15 | 23.8 | 0.62 | 0.46 | 1.5 | 0.95 | 2.9 | 3.7 | 6.0 | 0.21 | 0.98 | <0.20 | 16 | <18 |
| Mean | 6 | 699 | 399 | 5,6 | 20,6 | 4,9 | 0,47 | 2,58 | 0,14 | 26,7 | <<0.5 | <0.3 | 1,4 | <0.7 | 2,2 | 3,2 | 5,0 | <<0.2 | <0.8 | <<0.2 | <<13 | <<14 |
| Minimum | 4 | 406 | 338 | 2,2 | 16,0 | 3,5 | 0,22 | 1,65 | 0,10 | 23,2 | <0.2 | <0.2 | 0,4 | <0.2 | 0,7 | 1,0 | 1,1 | <0.2 | <0.2 | <0.2 | <5 | <5 |
| Maximum | 6 | 1149 | 485 | 10,6 | 23,0 | 7,0 | 0,63 | 4,11 | 0,17 | 32,7 | <1.5 | 0,5 | 2,3 | 1,0 | 2,9 | 4,5 | 8,0 | 0,3 | 1,6 | <0.2 | <19 | <20 |
| St.Dev | 1 | 277 | 54 | 3,4 | 3,0 | 1,4 | 0,20 | 0,96 | 0,03 | 3,9 | ~0.6 | ~0.1 | 0,7 | ~0.3 | 0,9 | 1,3 | 2,5 | ~0.0 | ~0.5 | ~0.0 | ~5 | ~6 |
| Count | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | NIVA | | | | | | | | | | | |
|---------------------|----------|--------|---------|-----------|-----------|-----------|----------|----------|-----------|---------|---------|---------|
| Analysis code => | 340 | | | | | | | | | | | |
| Detection limit => | 2 | | | | | | | | | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | DDTPP ppb | TDEPP ppb | DD_Σ4 ppb | HCHA ppb | HCHG ppb | HC_Σ2 ppb | HCB ppb | QCB ppb | OCS ppb |
| 1/1 X | 4 | 713 | 393 | <0.80 | <0.40 | <2.0 | <0.20 | <0.20 | <0.2 | 0.16 | <0.10 | <0.20 |
| 6/1 M | 6 | 406 | 338 | <0.60 | <0.40 | <3.5 | <0.20 | <0.20 | <0.2 | 0.45 | 0.55 | <0.20 |
| 7/1 M | 6 | 564 | 378 | <0.60 | <0.40 | <5.2 | <0.20 | <0.20 | <0.2 | 0.48 | 0.20 | <0.20 |
| 8/1 X | 6 | 662 | 402 | <0.60 | <0.40 | <6.3 | <0.20 | <0.20 | <0.2 | 0.73 | 0.18 | <0.20 |
| 9/1 F | | 1149 | 485 | <0.60 | <0.40 | <6.5 | <0.20 | <0.20 | <0.2 | 0.44 | 0.12 | <0.20 |
| Mean | 6 | 699 | 399 | <<0.6 | <<0.4 | <<4.7 | <<0.2 | <<0.2 | <<0.2 | 0,5 | <0.2 | <<0.2 |
| Minimum | 4 | 406 | 338 | <0.6 | <0.4 | <2.0 | <0.2 | <0.2 | <0.2 | 0,2 | <0.1 | <0.2 |
| Maximum | 6 | 1149 | 485 | <0.8 | <0.4 | <6.5 | <0.2 | <0.2 | <0.2 | 0,7 | 0,6 | <0.2 |
| St.Dev | 1 | 277 | 54 | ~0.1 | ~0.0 | ~1.9 | ~0.0 | ~0.0 | ~0.0 | 0,2 | ~0.2 | ~0.0 |
| Count | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Husholmen Fish 1-4 sampled 14.dec.2006
Fish 6-24 unknown samplingdate.

sample no.

- 1 Bulk of NIVA no 1,2,3,4 Age uncertain no 4
Liver colour: red yellow 2,3,4 og yellow red 1
- 6 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 9,10
Liver colour: red brown
- 7 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 14,15
Liver colour : red brown 11,13,14 brown 15, red yellow 12
- 8 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 17,18 (Fish no 16 lost otolitt,non age)
Liver colour: brown 16,18 yellow 17 red 19,20
- 9 Bulk of NIVA no 21,22,23,24 Liver colour: red brown 21,23,24 yellow 22

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Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20021013** Count: 25 Sample type: **Individual**

Comments

Station: Skogerøy Fished 12.and 13. Oct. 2002

sample no.

- 1 Bulk of NIVA fish no 1,2,3,4,5
- 6 ! Liver colour: yellow red
- 7 ! Liver colour:Yellow (red)
- 8 ! Liver colour: yellow
- 9 ! Age uncertain Liver colour: red brown

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Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
 Catch,date : **20021013** Count: 25 Sample type: **Bulked**

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | NIVA | NIVA | | | |
|-----------------|------|------|------|--------|------|------|-------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 315 | 315 | 315 | 315 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | Calc | Calc | | | |
| Detection limit | => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 7 | 574 | 366 | 5,7 | 37,8 | 25,0 | 0.128 | 2.32 | 0.0337 | 23.7 | 8.2 | 9.0 | 12 | 9.9 | 23 | 30 | 44 | 2.2 | 11 | 2.5 | 137 | 152 |
| 2/1 X | 9 | 847 | 407 | 14,3 | 37,3 | 25,9 | 0.160 | 1.20 | 0.211 | 31.2 | 5.4 | 8.0 | 9.6 | 8.5 | 19 | 28 | 36 | 2.1 | 9.5 | <1.2 | 116 | <127 |
| 3/1 F | 9 | 914 | 420 | 13,4 | 31,9 | 20,2 | 0.204 | 2.11 | 0.0583 | 40.2 | 3.3 | 4.4 | 7.1 | 6.7 | 16 | 21 | 27 | 1.6 | 7.4 | <1.2 | 86 | <96 |
| 4/1 X | 11 | 1051 | 440 | 10,7 | 31,8 | 21,6 | 0.361 | 1.64 | 0.0966 | 33.1 | 1.5 | 3.5 | 7.3 | 3.3 | 8.3 | 10 | 13 | <1.2 | 2.5 | <1.2 | 46 | <51 |
| 5/1 F | 11 | 1223 | 466 | 17,4 | 33,6 | 21,4 | 0.220 | 1.56 | 0.0551 | 38.2 | 2.5 | 4.0 | 5.3 | 4.1 | 8.7 | 14 | 17 | <1.2 | 5.6 | <1.2 | 57 | <62 |
| Mean | 9 | 922 | 420 | 12,3 | 34,5 | 22,8 | 0,21 | 1,77 | 0,09 | 33,3 | 4,2 | 5,8 | 8,3 | 6,5 | 15,0 | 20,6 | 27,4 | <<1.7 | 7,2 | <<1.5 | 88 | <<98 |
| Minimum | 7 | 574 | 366 | 5,7 | 31,8 | 20,2 | 0,13 | 1,20 | 0,03 | 23,7 | 1,5 | 3,5 | 5,3 | 3,3 | 8,3 | 10,0 | 13,0 | <1.2 | 2,5 | <1.2 | 46 | <51 |
| Maximum | 11 | 1223 | 466 | 17,4 | 37,8 | 25,9 | 0,36 | 2,32 | 0,21 | 40,2 | 8,2 | 9,0 | 12,0 | 9,9 | 23,0 | 30,0 | 44,0 | 2,2 | 11,0 | 2,5 | 137 | 152 |
| St.Dev | 2 | 242 | 37 | 4,4 | 2,9 | 2,5 | 0,09 | 0,45 | 0,07 | 6,5 | 2,7 | 2,5 | 2,6 | 2,8 | 6,4 | 8,6 | 12,9 | ~0.5 | 3,3 | ~0.6 | 38 | ~43 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. | => | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | | |
|-----------------|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code | => | 340 | Calc | 340 | 340 | Calc | 340 | 340 | | | |
| Detection limit | => | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | | | |
| Sam;Sex | Age | Wght | Lngt | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 7 | 574 | 366 | 4.6 | 41.6 | <1.2 | <1.2 | <1.2 | 1.6 | <0.60 | 0.75 |
| 2/1 X | 9 | 847 | 407 | 5.7 | 39.7 | <1.2 | <1.2 | <1.2 | 2.2 | <0.60 | <0.60 |
| 3/1 F | 9 | 914 | 420 | 2.4 | 19.4 | <1.2 | <1.2 | <1.2 | 1.2 | <0.60 | <0.60 |
| 4/1 X | 11 | 1051 | 440 | 4.1 | 23.1 | <1.2 | <1.2 | <1.2 | 11 | <0.60 | <0.60 |
| 5/1 F | 11 | 1223 | 466 | 2.9 | 17.9 | <1.2 | <1.2 | <1.2 | 0.99 | <0.60 | <0.60 |
| Mean | 9 | 922 | 420 | 3,9 | 28,3 | <<1.2 | <<1.2 | <<1.2 | 3,4 | <<0.6 | <<0.6 |
| Minimum | 7 | 574 | 366 | 2,4 | 17,9 | <1.2 | <1.2 | <1.2 | 1,0 | <0.6 | <0.6 |
| Maximum | 11 | 1223 | 466 | 5,7 | 41,6 | <1.2 | <1.2 | <1.2 | 11,0 | <0.6 | 0,8 |
| St.Dev | 2 | 242 | 37 | 1,3 | 11,4 | ~0.0 | ~0.0 | ~0.0 | 4,3 | ~0.0 | ~0.1 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Skogerøy Fished 12.and 13. Oct. 2002

sample no.

- 1 Bulk of NIVA fish no 1,2,3,4,5
- 2 Bulk of NIVA fish no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

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Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20030930** Count: 18 Sample type: **Individual**

Comments

Station: Skogerøy Fish sampled in sept.2003

sample no.

- 1 Bulk of NIVA no 4,6,8
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 16,17,18,19,20
- 4 Bulk of NIVA no 21,22,23,24,25
- 5 ! Age uncertain Liver colour: red

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Species : PLEU PLA Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: J99 Undefined Tissue: LIVER
 Locality : 10F Skogerøy Latitude: 69°55.0N Longitude: 29°51.0E
 Catch,date : 20030930 Count: 18 Sample type: Bulked

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|--------|---------|----------|-------|-------|--------|--------|--------|--------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Analysis code => | 315 | | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | weight g | Dry % | Fat % | CD ppm | CU ppm | PB ppm | ZN ppm | CB28 ppb | CB52 ppb | CB101 ppb | CB105 ppb | CB118 ppb | CB138 ppb | CB153 ppb | CB156 ppb | CB180 ppb | CB209 ppb | CB_Σ7 ppb | CB_ΣΣ ppb |
| 1/1 X | 7 | 325 | 312 | 2,4 | 27,5 | 11,0 | 0.529 | 5.07 | 0.16 | 35.9 | <0.5 | 0.50 | 1.5 | 1.3 | 3.3 | 4.9 | 6.2 | <0.5 | 1.3 | <0.5 | <18 | <20 |
| 2/1 X | 6 | 427 | 330 | 2,7 | 23,6 | 7,8 | 0.225 | 3.54 | 0.04 | 38.0 | <0.5 | <0.5 | 0.64 | 0.69 | 1.7 | 2.6 | 3.4 | <0.5 | 0.77 | <0.5 | <10 | <10 |
| 3/1 X | 8 | 582 | 368 | 5,1 | 25,1 | 11,0 | 0.256 | 3.91 | 0.04 | 38.3 | <0.5 | 0.78 | 1.5 | 1.1 | 2.9 | 4.1 | 4.8 | <0.5 | 1.0 | <0.5 | <16 | <17 |
| 4/1 X | 9 | 919 | 432 | 13,0 | 26,9 | 11,0 | 0.389 | 5.24 | 0.05 | 39.5 | <0.5 | <0.5 | 1.5 | 1.8 | 5.2 | 6.2 | 7.6 | 0.56 | 1.6 | <0.5 | <23 | <25 |
| Mean | 7 | 563 | 360 | 5,8 | 25,8 | 10,2 | 0,35 | 4,44 | 0,07 | 37,9 | <<0.5 | <<0.6 | 1,3 | 1,2 | 3,3 | 4,5 | 5,5 | <<0.5 | 1,2 | <<0.5 | <<17 | <<18 |
| Minimum | 6 | 325 | 312 | 2,4 | 23,6 | 7,8 | 0,23 | 3,54 | 0,04 | 35,9 | <0.5 | <0.5 | 0,6 | 0,7 | 1,7 | 2,6 | 3,4 | <0.5 | 0,8 | <0.5 | <10 | <10 |
| Maximum | 9 | 919 | 432 | 13,0 | 27,5 | 11,0 | 0,53 | 5,24 | 0,16 | 39,5 | <0.5 | 0,8 | 1,5 | 1,8 | 5,2 | 6,2 | 7,6 | 0,6 | 1,6 | <0.5 | <23 | <25 |
| St.Dev | 1 | 259 | 53 | 4,9 | 1,8 | 1,6 | 0,14 | 0,84 | 0,06 | 1,5 | ~0.0 | ~0.1 | 0,4 | 0,5 | 1,5 | 1,5 | 1,8 | ~0.0 | 0,4 | ~0.0 | ~5 | ~6 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

| Analytical lab. => | NIVA | | | | | | | | | | |
|---------------------|----------|--------|---------|-----------|-----------|----------|----------|-----------|---------|---------|---------|
| Analysis code => | 340 | | | | | | | | | | |
| Detection limit => | 3 | | | | | | | | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | TDEPP ppb | DD_Σ4 ppb | HCHA ppb | HCHG ppb | HC_Σ2 ppb | HCB ppb | QCB ppb | OCS ppb |
| 1/1 X | 7 | 325 | 312 | 1.2 | 5.7 | <0.5 | <0.5 | <0.5 | 2.1 | <0.3 | <0.3 |
| 2/1 X | 6 | 427 | 330 | <0.7 | <3.6 | <0.5 | <0.5 | <0.5 | 1.3 | <0.3 | <0.3 |
| 3/1 X | 8 | 582 | 368 | 1.1 | 6.1 | <0.5 | <0.5 | <0.5 | 2.2 | <0.3 | <0.3 |
| 4/1 X | 9 | 919 | 432 | 1.2 | 6.9 | <0.5 | <0.5 | <0.5 | 2.6 | <0.3 | <0.3 |
| Mean | 7 | 563 | 360 | <1.1 | <5.6 | <<0.5 | <<0.5 | <<0.5 | 2,1 | <<0.3 | <<0.3 |
| Minimum | 6 | 325 | 312 | <0.7 | <3.6 | <0.5 | <0.5 | <0.5 | 1,3 | <0.3 | <0.3 |
| Maximum | 9 | 919 | 432 | 1,2 | 6,9 | <0.5 | <0.5 | <0.5 | 2,6 | <0.3 | <0.3 |
| St.Dev | 1 | 259 | 53 | ~0.2 | ~1.4 | ~0.0 | ~0.0 | ~0.0 | 0,5 | ~0.0 | ~0.0 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

Comments

Station: Skogerøy Fish sampled in sept.2003

sample no.

- 1 Bulk of NIVA no 4,6,8
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 16,17,18,19,20
- 4 Bulk of NIVA no 21,22,23,24,25

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Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20041030** Count: 20 Sample type: **Individual**

Comments

Station: Skogerøy Fish sampled whole october

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 11,13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no16

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Species : PLEU PLA Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: J99 Undefined Tissue: LIVER
 Locality : 10F Skogerøy Latitude: 69°55.0N Longitude: 29°51.0E
 Catch, date : 20041030 Count: 20 Sample type: Bulked

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | NIVA | NIVA | | | |
|-----------------|------|------|------|--------|------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 315 | | | | | | | | | | | | | | | | 315 | 315 | | | |
| Detection limit | => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | |
| Sam;Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1254 | 476 | 16,4 | 28,2 | 13,0 | 0.367 | 2.90 | 0.05 | 40.9 | 1.1 | 1.2 | 2.1 | 1.6 | 5.4 | 6.3 | 6.8 | <1 | 1.5 | <1 | 24 | <27 |
| 2/1 X | 7 | 692 | 399 | 7,4 | 22,0 | 6,9 | 0.362 | 3.35 | 0.04 | 38.5 | 0.53 | 1.3 | 2.5 | 2.0 | 5.6 | 6.8 | 7.1 | 0.50 | 1.5 | <0.5 | 25 | <28 |
| 3/1 F | 8 | 682 | 388 | 6,7 | 25,6 | 10,0 | 0.260 | 3.69 | 0.11 | 36.6 | <0.5 | 0.54 | 1.3 | 1.4 | 4.7 | 6.0 | 6.3 | 0.54 | 1.2 | <0.5 | <21 | <22 |
| 4/1 X | 5 | 430 | 330 | 3,7 | 29,2 | 14,0 | 0.166 | 3.97 | 0.04 | 34.8 | <0.5 | 0.88 | 1.5 | 1.1 | 3.4 | 4.3 | 4.5 | <0.5 | 0.91 | <0.5 | <16 | <17 |
| Mean | 7 | 765 | 398 | 8,5 | 26,3 | 11,0 | 0,29 | 3,48 | 0,06 | 37,7 | <<0.7 | 1,0 | 1,9 | 1,5 | 4,8 | 5,9 | 6,2 | <<0.6 | 1,3 | <<0.6 | <<22 | <<24 |
| Minimum | 5 | 430 | 330 | 3,7 | 22,0 | 6,9 | 0,17 | 2,90 | 0,04 | 34,8 | <0.5 | 0,5 | 1,3 | 1,1 | 3,4 | 4,3 | 4,5 | <0.5 | 0,9 | <0.5 | <16 | <17 |
| Maximum | 10 | 1254 | 476 | 16,4 | 29,2 | 14,0 | 0,37 | 3,97 | 0,11 | 40,9 | 1,1 | 1,3 | 2,5 | 2,0 | 5,6 | 6,8 | 7,1 | <1.0 | 1,5 | <1.0 | 25 | <28 |
| St.Dev | 2 | 348 | 60 | 5,4 | 3,2 | 3,2 | 0,10 | 0,46 | 0,03 | 2,6 | ~0.3 | 0,3 | 0,6 | 0,4 | 1,0 | 1,1 | 1,2 | ~0.2 | 0,3 | ~0.3 | ~4 | ~5 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

| Analytical lab. | => | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|-----------------|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code | => | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | | |
| Detection limit | => | 3 | | 0.5 | 2 | | 2 | 2 | 2 | | |
| Sam;Sex | Age | Wght | Lngr | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1254 | 476 | 1.7 | 10.5 | <1 | <1 | <1.0 | 3.4 | <0.5 | <0.5 |
| 2/1 X | 7 | 692 | 399 | 1.5 | 9.3 | <0.5 | <0.5 | <0.5 | 1.7 | <0.3 | <0.3 |
| 3/1 F | 8 | 682 | 388 | 0.78 | 5.1 | <0.5 | <0.5 | <0.5 | 1.8 | <0.3 | <0.3 |
| 4/1 X | 5 | 430 | 330 | 0.79 | 4.9 | <0.5 | <0.5 | <0.5 | 2.2 | 0.33 | <0.3 |
| Mean | 7 | 765 | 398 | 1,2 | 7,5 | <<0.6 | <<0.6 | <<0.6 | 2,3 | <<0.4 | <<0.4 |
| Minimum | 5 | 430 | 330 | 0,8 | 4,9 | <0.5 | <0.5 | <0.5 | 1,7 | <0.3 | <0.3 |
| Maximum | 10 | 1254 | 476 | 1,7 | 10,5 | <1.0 | <1.0 | <1.0 | 3,4 | <0.5 | <0.5 |
| St.Dev | 2 | 348 | 60 | 0,5 | 2,9 | ~0.3 | ~0.3 | ~0.3 | 0,8 | ~0.1 | ~0.1 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

Comments

Station: Skogerøy Fish sampled whole october

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex fish no 11,13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no16

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20051130** Count: 25 Sample type: **Individual**

Comments

Station: Skogerøy Fish sampled in oct. and nov.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 1,3,4
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : PLEU PLA Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: J99 Undefined Tissue: LIVER
 Locality : 10F Skogerøy Latitude: 69°55.0N Longitude: 29°51.0E
 Catch,date : 20051130 Count: 25 Sample type: Bulk

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|---|------|--------|------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 315 315 315 315 340 340 340 340 340 340 340 340 340 340 340 340 340 340 | | | | | | | | | | | | | | | | | | | | |
| Detection limit | => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1581 | 496 | 25,5 | 61,0 | 17,0 | 0.513 | 2.54 | 0.03 | 38.6 | <1.0 | 1.3 | 2.2 | 1.7 | 6.2 | 6.4 | 7.7 | <1.0 | 1.4 | <1.0 | <26 | <28 |
| 2/1 F | 7 | 1130 | 454 | 16,8 | 28,0 | 18,0 | 0.271 | 2.29 | 0.04 | 36.7 | <1.0 | 1.1 | 1.7 | 1.7 | 5.3 | 6.3 | 7.3 | <1.0 | 1.4 | <1.0 | <24 | <26 |
| 3/1 F | 7 | 982 | 431 | 11,8 | 35,0 | 22,0 | 0.174 | 2.39 | 0.02 | 39.1 | <1.0 | 1.4 | 2.6 | 1.7 | 5.7 | 6.8 | 7.5 | <1.0 | 1.4 | <1.0 | <26 | <28 |
| 4/1 X | 7 | 760 | 414 | 8,4 | 28,0 | 13,0 | 0.454 | 3.31 | 0.03 | 35.2 | <1.0 | 1.2 | 2.4 | 1.9 | 6.6 | 8.3 | 8.7 | <1.0 | 1.5 | <1.0 | <30 | <32 |
| 5/1 F | 6 | 588 | 361 | 8,0 | 32,0 | 19,0 | 0.220 | 2.66 | 0.03 | 39.2 | <1.0 | <1.0 | 1.6 | 1.5 | 4.6 | 5.9 | 6.6 | <1.0 | 1.3 | <1.0 | <21 | <23 |
| Mean | 8 | 1008 | 431 | 14,1 | 36,8 | 17,8 | 0,33 | 2,64 | 0,03 | 37,8 | <<1.0 | <1.2 | 2,1 | 1,7 | 5,7 | 6,7 | 7,6 | <<1.0 | 1,4 | <<1.0 | <<25 | <<27 |
| Minimum | 6 | 588 | 361 | 8,0 | 28,0 | 13,0 | 0,17 | 2,29 | 0,02 | 35,2 | <1.0 | <1.0 | 1,6 | 1,5 | 4,6 | 5,9 | 6,6 | <1.0 | 1,3 | <1.0 | <21 | <23 |
| Maximum | 10 | 1581 | 496 | 25,5 | 61,0 | 22,0 | 0,51 | 3,31 | 0,04 | 39,2 | <1.0 | 1,4 | 2,6 | 1,9 | 6,6 | 8,3 | 8,7 | <1.0 | 1,5 | <1.0 | <30 | <32 |
| St.Dev | 2 | 382 | 50 | 7,3 | 13,8 | 3,3 | 0,15 | 0,40 | 0,01 | 1,8 | ~0.0 | ~0.2 | 0,4 | 0,1 | 0,8 | 0,9 | 0,8 | ~0.0 | 0,1 | ~0.0 | ~3 | ~3 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. | => | NIVA | | | | | | | | | | |
|-----------------|------|---------------------------------------|------|-------|-------|--------|-------|-------|-------|------|-------|-------|
| Analysis code | => | 340 340 Calc 340 340 Calc 340 340 340 | | | | | | | | | | |
| Detection limit | => | 2 3 0.5 2 2 2 2 2 2 | | | | | | | | | | |
| Sam;Sex | Age | Wght | Lngt | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1581 | 496 | <3.0 | <2.0 | <14.0 | <0.5 | <1.0 | <1.0 | 3.2 | <1.0 | <1.0 |
| 2/1 F | 7 | 1130 | 454 | <3.0 | 1.2 | <14.2 | <1.0 | <1.0 | <1.0 | 2.6 | <0.5 | <1.0 |
| 3/1 F | 7 | 982 | 431 | <3.0 | 1.6 | <16.6 | <1.0 | <1.0 | <1.0 | 3.1 | 0.55 | <1.0 |
| 4/1 X | 7 | 760 | 414 | <3.0 | 1.6 | <14.6 | <1.0 | <1.0 | <1.0 | 2.9 | <0.5 | <1.0 |
| 5/1 F | 6 | 588 | 361 | <3.0 | <1.0 | <9.1 | <1.0 | <1.0 | <1.0 | 2.1 | <0.5 | <1.0 |
| Mean | 8 | 1008 | 431 | <<3.0 | <<1.5 | <<13.7 | <<0.9 | <<1.0 | <<1.0 | 2,8 | <<0.6 | <<1.0 |
| Minimum | 6 | 588 | 361 | <3.0 | <1.0 | <9.1 | <0.5 | <1.0 | <1.0 | 2,1 | <0.5 | <1.0 |
| Maximum | 10 | 1581 | 496 | <3.0 | <2.0 | <16.6 | <1.0 | <1.0 | <1.0 | 3,2 | <1.0 | <1.0 |
| St.Dev | 2 | 382 | 50 | ~0.0 | ~0.4 | ~2.8 | ~0.2 | ~0.0 | ~0.0 | 0,4 | ~0.2 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Skogerøy Fish sampled in oct. and nov.2005

sample no.

- Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex no 1,3,4
- Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
- Bulk of NIVA no 11,12,13,14,15
- Bulk of NIVA no 16,17,18,19,20
- Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **92F Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
Catch,date : **20050827** Count: 25 Sample type: **Individual**

Comments

Station: Stokken area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 101,4g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 102,5g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 104,1g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 108,1g
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex
no 23,25 Bulk part sample = 84,3g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **92F Stokken area** Latitude: 64°10.28N Longitude: 9°53.24E
 Catch,date : **20050827** Count: 25 Sample type: **Bulked**

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 341 | | | | | | | | | | | | | | | | | | | | | |
| Detection limit | => | Mean | 0.05 | | | | | | | | | | | | | | | | | | | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 5 | 614 | 374 | 20,0 | 0,1 | 0.010 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 2/1 X | 5 | 712 | 390 | 20,0 | 0,3 | 0.017 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 3/1 F | 7 | 815 | 400 | 20,0 | 0,3 | 0.028 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 4/1 X | 6 | 806 | 408 | 17,0 | 0,3 | 0.028 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 5/1 F | 7 | 1121 | 455 | 19,0 | 0,3 | 0.017 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| Mean | 6 | 813 | 405 | 19,2 | 0,3 | 0.020 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | 5 | 614 | 374 | 17,0 | 0,1 | 0.010 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | 7 | 1121 | 455 | 20,0 | 0,4 | 0.028 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| St.Dev | 1 | 190 | 30 | 1,3 | 0,1 | 0,008 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. | => | NIVA | | | | | | | |
|-----------------|------|------|------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 341 | | | | | | | |
| Detection limit | => | 0.05 | | | | | | | |
| Sam;Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 5 | 614 | 374 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 2/1 X | 5 | 712 | 390 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 3/1 F | 7 | 815 | 400 | <0.05 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 |
| 4/1 X | 6 | 806 | 408 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 5/1 F | 7 | 1121 | 455 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| Mean | 6 | 813 | 405 | <<0.1 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.1 |
| Minimum | 5 | 614 | 374 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 |
| Maximum | 7 | 1121 | 455 | <0.1 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| St.Dev | 1 | 190 | 30 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Stokken area

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 101,4g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 102,5g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 104,1g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 108,1g
- 5 Bulk of NIVA no 21,22,23,24,25 Liver and/or intestinal guts with larvae of Anisakis simplex no 23,25 Bulk part sample = 84,3g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
Catch,date : **20021231** Count: 20 Sample type: **Individual**

Comments

Station: Lille Molla Sampling date uncertain

sample no.

- 1 Bulk of NIVA no 16,17,18,19,20
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 6,7,8,9,10
- 4 Bulk of NIVA no 1,2,3,4,5
- 5 ! Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20021231** Count: 20 Sample type: **Bulked**

| Analytical lab. => | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | | |
|--------------------|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | 310 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | | | |
| Detection limit => | Mean | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 X | 5 | 438 | 340 | 12,1 | 19,3 | 0,3 | 0.036 | <0.05 | miss | <0.05 | <0.05 | 0.05 | 0.09 | 0.11 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.20 | <0.07 | <0.3 |
| 2/1 M | 6 | 489 | 346 | 14,2 | 16,6 | 0,2 | 0.031 | <0.05 | miss | <0.05 | <0.05 | <0.05 | 0.07 | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.13 | <0.07 | <0.2 |
| 3/1 X | 5 | 512 | 362 | 13,1 | 18,4 | 0,3 | 0.029 | <0.05 | miss | <0.05 | <0.05 | 0.05 | 0.09 | 0.11 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.14 | <0.07 | <0.2 |
| 4/1 M | 6 | 529 | 372 | 15,1 | 18,1 | 0,3 | 0.033 | <0.05 | miss | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.13 | <0.07 | <0.2 |
| Mean | 6 | 492 | 355 | 13,6 | 18,1 | 0,3 | 0,032 | <<0.1 | | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,2 | <<0.1 | <<0.2 |
| Minimum | 5 | 438 | 340 | 12,1 | 16,6 | 0,2 | 0,029 | <0.1 | | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 |
| Maximum | 6 | 529 | 372 | 15,1 | 19,3 | 0,3 | 0,036 | <0.1 | | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.1 | <0.3 |
| St.Dev | 0 | 40 | 15 | 1,3 | 1,1 | 0,0 | 0,003 | ~0.0 | | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.1 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

miss(4) ! Missing value

| Analytical lab. => | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | 0.05 | | 0.05 | 0.05 | 0.05 | |
| Sam;Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 5 | 438 | 340 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 2/1 M | 6 | 489 | 346 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 3/1 X | 5 | 512 | 362 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 4/1 M | 6 | 529 | 372 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| Mean | 6 | 492 | 355 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.0 |
| Minimum | 5 | 438 | 340 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | 6 | 529 | 372 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | 0 | 40 | 15 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

miss(4) ! Missing value

Comments

Station: Lille Molla Sampling date uncertain

sample no.

- 1 Bulk of NIVA no 16,17,18,19,20
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 6,7,8,9,10
- 4 Bulk of NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
Catch,date : **20031231** Count: 15 Sample type: **Individual**

Comments

Station: Lille Molla sampled in december

sample no.

4 !

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : **20031231** Count: 15 Sample type: **Bulked**

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|---|--|--------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | | | |
| Detection limit | => | Mean | 0.005 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | | | | | | | | | | | | | | | | | |
| Sam;Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 X | 5 | 420 | 340 | 20,3 | 18,1 | 0,5 | 0.018 | <0.05 | miss | <0.05 | <0.05 | <0.05 | 0.06 | 0.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.2 | |
| 2/1 X | 6 | 688 | 396 | 20,5 | 17,5 | 0,3 | 0.072 | <0.05 | miss | 0.06 | 0.06 | 0.08 | 0.23 | 0.34 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.47 | <0.07 | <0.5 | <0.5 | |
| 3/1 X | 7 | 1046 | 442 | 20,5 | 17,3 | 0,5 | 0.041 | <0.05 | miss | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.2 | |
| Mean | 6 | 718 | 393 | 20,4 | 17,6 | 0,4 | 0.044 | <<0.1 | | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,2 | <<0.1 | <<0.3 |
| Minimum | 5 | 420 | 340 | 20,3 | 17,3 | 0,3 | 0.018 | <0.1 | | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | <0.1 | <0.2 |
| Maximum | 7 | 1046 | 442 | 20,5 | 18,1 | 0,5 | 0.072 | <0.1 | | 0,1 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,5 | <0.1 | <0.5 | <0.5 | <0.5 |
| St.Dev | 1 | 314 | 51 | 0,1 | 0,4 | 0,1 | 0.027 | ~0.0 | | ~0.0 | ~0.0 | ~0.0 | 0,1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,2 | ~0.0 | ~0.2 | ~0.2 | |
| Count | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

miss(3) ! Missing value

| Analytical lab. | => | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|-----------------|------|------|------|-------|-------|------|-------|-------|
| Analysis code | => | 341 | Calc | 341 | 341 | 341 | | |
| Detection limit | => | 0.05 | | 0.05 | 0.05 | 0.05 | | |
| Sam;Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 5 | 420 | 340 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 2/1 X | 6 | 688 | 396 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| 3/1 X | 7 | 1046 | 442 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| Mean | 6 | 718 | 393 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.0 |
| Minimum | 5 | 420 | 340 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | 7 | 1046 | 442 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | 1 | 314 | 51 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

miss(3) ! Missing value

Comments

Station: Lille Molla sampled in december

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
Catch,date : **20041030** Count: 23 Sample type: **Individual**

Comments

Station: Lille Molla

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : PLEU PLA Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: J99 Undefined Tissue: MUSCLE
 Locality : 98F2 Husholmen Latitude: 68°12.0N Longitude: 14°48.0E
 Catch,date : 20041030 Count: 23 Sample type: Bulked

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|---------|----------|-------|-------|--------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Analysis code => | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | Mean | 0.005 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.1 0.05 | | | | | | | | | | | | | | | | | | | | | |
| Sam;Sex rep F/M | Age year | Wght g | Lngt mm | weight g | Dry % | Fat % | HG ppm | CB28 ppb | CB52 ppb | CB101 ppb | CB105 ppb | CB118 ppb | CB138 ppb | CB153 ppb | CB156 ppb | CB180 ppb | CB209 ppb | CB_Σ7 ppb | CB_ΣΣ ppb | DDEPP ppb | TDEPP ppb | DD_Σ4 ppb | |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 4 | 263 | 283 | 10,1 | 19,0 | 0,2 | 0.013 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.2 |
| 2/1 X | 4 | 303 | 305 | 10,4 | 19,5 | 0,3 | 0.019 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 3/1 X | 4 | 321 | 325 | 10,2 | 21,4 | 0,4 | 0.015 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 4/1 X | 4 | 363 | 320 | 10,1 | 19,9 | 0,2 | 0.016 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 5/1 M | 3 | 388 | 328 | 20,3 | 20,2 | 0,2 | 0.017 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| Mean | 4 | 328 | 312 | 12,2 | 20,0 | 0,2 | 0.016 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | 3 | 263 | 283 | 10,1 | 19,0 | 0,2 | 0.013 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | 4 | 388 | 328 | 20,3 | 21,4 | 0,4 | 0.019 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 |
| St.Dev | 0 | 49 | 19 | 4,5 | 0,9 | 0,1 | 0,002 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | NIVA | | | | | | | |
|--------------------|----------------------|--------|---------|----------|-----------|---------|---------|---------|
| Analysis code => | 341 Calc 341 341 341 | | | | | | | |
| Detection limit => | 0.05 | | | | | | | |
| Sam;Sex rep F/M | Age year | Wght g | Lngt mm | HCHG ppb | HC_Σ2 ppb | HCB ppb | QCB ppb | OCS ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 4 | 263 | 283 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 2/1 X | 4 | 303 | 305 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 3/1 X | 4 | 321 | 325 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 4/1 X | 4 | 363 | 320 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 5/1 M | 3 | 388 | 328 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| Mean | 4 | 328 | 312 | <<0.1 | <<0.1 | <0.0 | <<0.0 | <<0.0 |
| Minimum | 3 | 263 | 283 | <0.1 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | 4 | 388 | 328 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev | 0 | 49 | 19 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments
 Station: Lille Molla

- sample no.
 1 Bulk of NIVA no 1,2,3,4,5
 2 Bulk of NIVA no 6,7,8,9,10
 3 Bulk of NIVA no 11,12,13,14,15
 4 Bulk of NIVA no 16,17,18,19,20
 5 Bulk of NIVA no 21,22,23

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
Catch,date : **20060228** Count: 10 Sample type: **Individual**

Comments

Station: Lille Molla Fish sampled in febr.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no2
Signs of mechanical damage (e.g., net wounds) no2 Bulk part sample =100,6g
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of Anisakis simpl.n10
Bulk part sample = 101,9g
- 3 ! Part sample = 20,0g
- 4 ! Signs of mechanical damage (e.g., net wounds)
Liver with necrotic areas and/or discolouration Part sample = 20,2g
- 5 ! Part sample =20,0g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98F2 Husholmen** Latitude: 68°12.0N Longitude: 14°48.0E
 Catch, date : **20060228** Count: 10 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------------|--|
| Analysis code => | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | Calc | Calc | 341 340 341 | |
| Detection limit => | Mean | 0.005 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | | | | | | | | | | | | | | | | |
| Sam;Sex Age Wght Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | | |
| rep F/M year g mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| no. | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| 1/1 M 7 469 364 | 16,0 | 0,1 | 0,085 | <0.05 | <0.05 | <0.05 | 0.06 | 0.13 | 0.24 | 0.34 | <0.05 | 0.08 | <0.05 | <1 | <1 | 0.41 | <0.15 | <0.08 | | | | |
| 2/1 X 6 697 408 | 18,0 | 0,2 | 0,063 | <0.05 | <0.05 | <0.12 | 0.08 | 0.16 | 0.22 | 0.30 | <0.05 | 0.07 | <0.05 | <1 | <1 | 0.46 | <0.15 | <0.08 | | | | |
| Mean 7 583 386 | 17,0 | 0,1 | 0,074 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,1 | 0,2 | 0,3 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,4 | <<0.2 | <<0.1 | | | | |
| Minimum 6 469 364 | 16,0 | 0,1 | 0,063 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | <0.2 | <0.1 | | | | |
| Maximum 7 697 408 | 18,0 | 0,2 | 0,085 | <0.1 | <0.1 | <0.1 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,5 | <0.2 | <0.1 | | | | |
| St.Dev 0 161 31 | 1,4 | 0,0 | 0,016 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,0 | 0,0 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,0 | ~0.0 | ~0.0 | | | | |
| Count 2 2 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| Analytical lab. => | NIVA | | | | | |
|-----------------------|-------------------------------|-------|-------|------|-------|-------|
| Analysis code => | 341 341 Calc 341 341 341 | | | | | |
| Detection limit => | 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | |
| Sam;Sex Age Wght Lngt | HCHA | HCHG | HC Σ2 | HCB | QCB | OCS |
| rep F/M year g mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 M 7 469 364 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 2/1 X 6 697 408 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| Mean 7 583 386 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum 6 469 364 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum 7 697 408 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev 0 161 31 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count 2 2 2 | 2 | 2 | 2 | 2 | 2 | 2 |

Comments
 Station: Lille Molla Fish sampled in febr.2006

- sample no.
- 1 Bulk of NIVA no 1,2,3,4,5 Liver with necrotic areas and/or discolouration no2
 Signs of mechanical damage (e.g., net wounds) no2 Bulk part sample =100,6g
 - 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of Anisakis simpl.n10
 Bulk part sample = 101,9g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **98F2 Husholmen** Latitude: 68°13.81N Longitude: 14°46.82
Catch,date : **20061214** Count: 4 Sample type: **Individual**

Comments

Station: Husholmen Fish 1-4 sampled 14.dec.2006
Fish 6-24 unknown samplingdate.

sample no.

- 1 Bulk of NIVA no 1,2,3,4 Age uncertain no 4
Bulk part sample = 61,63g
- 2 ! Part sample = 15,56g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **98F2 Husholmen** Latitude: 68°13.81N Longitude: 14°46.82
 Catch,date : **20061214** Count: 4 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 713 | 393 | 15,4 | 17,0 | 0,6 | 0.045 | <0.05 | <0.10 | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.15 | <0.2 | <0.1 | |
| 6/1 | M | 6 | 406 | 338 | | 18,0 | 0,2 | 0.045 | <0.05 | <0.10 | <0.20 | <0.05 | 0.08 | 0.13 | 0.18 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.15 | <0.2 | <0.1 | |
| 7/1 | M | 6 | 564 | 378 | | 18,0 | 0,2 | 0.023 | <0.05 | <0.10 | <0.20 | <0.05 | 0.09 | 0.16 | 0.29 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.34 | <0.2 | <0.1 | |
| 8/1 | X | 6 | 662 | 402 | | 17,0 | 0,3 | 0.062 | <0.05 | <0.10 | <0.20 | <0.05 | 0.15 | 0.35 | 0.67 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.57 | <0.2 | <0.1 | |
| 9/1 | F | | 1149 | 485 | | 16,0 | 0,4 | 0.134 | 0.06 | <0.10 | <0.20 | 0.07 | 0.30 | 0.38 | 0.53 | <0.05 | 0.07 | <0.05 | <2 | <2 | 0.49 | <0.2 | <0.1 | |
| Mean | | 6 | 699 | 399 | 15,4 | 17,2 | 0,3 | 0,062 | <<0.1 | <<0.1 | <<0.2 | <<0.1 | <0.1 | 0,2 | 0,4 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,3 | <<0.2 | <<0.1 | |
| Minimum | | 4 | 406 | 338 | 15,4 | 16,0 | 0,2 | 0,023 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,2 | <0.2 | <0.1 | |
| Maximum | | 6 | 1149 | 485 | 15,4 | 18,0 | 0,6 | 0,134 | 0,1 | <0.1 | <0.2 | 0,1 | 0,3 | 0,4 | 0,7 | <0.1 | 0,1 | <0.1 | <2 | <2 | 0,6 | <0.2 | <0.1 | |
| St.Dev | | 1 | 277 | 54 | | 0,8 | 0,2 | 0,043 | ~0.0 | ~0.0 | ~0.1 | ~0.0 | ~0.1 | 0,1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,2 | ~0.0 | ~0.0 | |
| Count | | 4 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |

| Analytical lab. => | | | | NIVA | | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 341 Calc 341 341 341 | | | | | | |
| Detection limit => | | | | 0.05 0.05 0.03 0.03 0.05 | | | | | | |
| Sam | Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 4 | 713 | 393 | <0.05 | <0.05 | <0.1 | 0.05 | 0.03 | <0.05 |
| 6/1 | M | 6 | 406 | 338 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 7/1 | M | 6 | 564 | 378 | <0.05 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 |
| 8/1 | X | 6 | 662 | 402 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| 9/1 | F | | 1149 | 485 | <0.05 | <0.05 | <0.1 | 0.04 | <0.03 | <0.05 |
| Mean | | 6 | 699 | 399 | <<0.1 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.1 |
| Minimum | | 4 | 406 | 338 | <0.1 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| Maximum | | 6 | 1149 | 485 | <0.1 | <0.1 | <0.1 | 0,1 | 0,0 | <0.1 |
| St.Dev | | 1 | 277 | 54 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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Comments

Station: Husholmen Fish 1-4 sampled 14.dec.2006
Fish 6-24 unknown samplingdate.

sample no.

- 1 Bulk of NIVA no 1,2,3,4 Age uncertain no 4
Bulk part sample = 61,63g
- 6 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 9,10
Bulk part sample = 75,4g
- 7 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 14,15
Bulk part sample = 75,98g
- 8 Bulk of NIVA no 16,17,18,19,20 Age uncertain no 17,18 (Fish no 16 lost otolitt,non age)
Bulk part sample = 77,25g
- 9 Bulk of NIVA no 21,22,23,24 Bulk part sample = 62,2g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20021013** Count: 25 Sample type: **Individual**

Comments

Station: Skogerøy Fished 12.and 13. Oct. 2002

sample no.

1 Bulk of NIVA fish no 1,2,3,4,5
6 !
7 !
8 !
9 ! Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
 Catch,date : **20021013** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 310 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | 341 | | |
| Detection limit => | | | | Mean | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 7 | 574 | 366 | 50,1 | 18,7 | 0,8 | 0.017 | 0.06 | 0.12 | 0.25 | 0.08 | 0.17 | 0.21 | 0.22 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.43 | 0.11 | 0.5 |
| 2/1 | X | 9 | 847 | 407 | 50,5 | 20,3 | 0,8 | 0.021 | 0.05 | 0.09 | 0.21 | 0.07 | 0.17 | 0.20 | 0.23 | <0.05 | 0.05 | <0.05 | 1 | <1 | 0.40 | <0.10 | <0.5 |
| 3/1 | F | 9 | 914 | 420 | 50,3 | 18,8 | 0,8 | 0.027 | 0.05 | 0.10 | 0.25 | 0.08 | 0.19 | 0.22 | 0.26 | <0.05 | 0.06 | <0.05 | 1 | <1 | 0.46 | 0.11 | 0.6 |
| 4/1 | X | 11 | 1051 | 440 | 51,0 | 19,6 | 0,7 | 0.053 | <0.05 | 0.08 | 0.18 | 0.07 | 0.16 | 0.21 | 0.25 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.37 | <0.10 | <0.5 |
| 5/1 | F | 11 | 1223 | 466 | 50,2 | 19,6 | 0,8 | 0.023 | <0.05 | 0.08 | 0.15 | 0.07 | 0.16 | 0.20 | 0.23 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.32 | <0.10 | <0.4 |
| Mean | | 9 | 922 | 420 | 50,4 | 19,4 | 0,8 | 0.028 | <<0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,2 | 0,2 | <<0.1 | <0.1 | <<0.1 | <<1 | <<1 | 0,4 | <<0.1 | <<0.5 |
| Minimum | | 7 | 574 | 366 | 50,1 | 18,7 | 0,7 | 0.017 | <0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,2 | 0,2 | <0.1 | <0.1 | <0.1 | <1 | <1 | 0,3 | <0.1 | <0.4 |
| Maximum | | 11 | 1223 | 466 | 51,0 | 20,3 | 0,8 | 0.053 | 0,1 | 0,1 | 0,3 | 0,1 | 0,2 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | 1 | <1 | 0,5 | 0,1 | 0,6 |
| St.Dev | | 2 | 242 | 37 | 0,4 | 0,7 | 0,0 | 0.014 | ~0.0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.1 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 | Calc | 341 | 341 | 341 | |
| Detection limit => | | | | 0.05 | | 0.05 | 0.05 | 0.05 | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 7 | 574 | 366 | <0.05 | <0.1 | 0.47 | <0.03 | <0.03 |
| 2/1 | X | 9 | 847 | 407 | <0.05 | <0.1 | 0.43 | <0.03 | <0.03 |
| 3/1 | F | 9 | 914 | 420 | <0.05 | <0.1 | 0.46 | <0.03 | <0.03 |
| 4/1 | X | 11 | 1051 | 440 | <0.05 | <0.1 | 0.33 | <0.03 | <0.03 |
| 5/1 | F | 11 | 1223 | 466 | <0.05 | <0.1 | 0.29 | <0.03 | <0.03 |
| Mean | | 9 | 922 | 420 | <<0.1 | <<0.1 | 0,4 | <<0.0 | <<0.0 |
| Minimum | | 7 | 574 | 366 | <0.1 | <0.1 | 0,3 | <0.0 | <0.0 |
| Maximum | | 11 | 1223 | 466 | <0.1 | <0.1 | 0,5 | <0.0 | <0.0 |
| St.Dev | | 2 | 242 | 37 | ~0.0 | ~0.0 | 0,1 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Skogerøy Fished 12.and 13. Oct. 2002

sample no.

- 1 Bulk of NIVA fish no 1,2,3,4,5
- 2 Bulk of NIVA fish no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20030930** Count: 18 Sample type: **Individual**

Comments

Station: Skogerøy Fish sampled in sept.2003

sample no.

- 1 Bulk of NIVA no 4,6,8
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 16,17,18,19,20
- 4 Bulk of NIVA no 21,22,23,24,25
- 5 ! Age uncertain

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
 Catch,date : **20030930** Count: 18 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | |
| Detection limit => | Mean | 0.005 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | | | | | | | | | | | | | |
| Sam;Sex Age Wght Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 |
| rep F/M year g mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X 7 325 312 | 20,5 | 19,0 | 0,5 | 0.016 | <0.05 | <0.05 | <0.05 | <0.05 | 0.09 | 0.14 | 0.15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.12 | <0.07 | <0.2 |
| 2/1 X 6 427 330 | 20,4 | 23,2 | 0,4 | 0.014 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.09 | 0.10 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.11 | <0.07 | <0.2 |
| 3/1 X 8 582 368 | 20,4 | 22,5 | 0,6 | 0.015 | <0.05 | <0.05 | 0.05 | <0.05 | 0.09 | 0.11 | 0.11 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.15 | <0.07 | <0.2 |
| 4/1 X 9 919 432 | 20,6 | 22,6 | 0,6 | 0.025 | <0.05 | <0.05 | 0.05 | 0.06 | 0.15 | 0.18 | 0.20 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.17 | <0.07 | <0.2 |
| Mean 7 563 360 | 20,5 | 21,8 | 0,5 | 0,018 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,1 | <<0.1 | <<0.2 |
| Minimum 6 325 312 | 20,4 | 19,0 | 0,4 | 0,014 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 |
| Maximum 9 919 432 | 20,6 | 23,2 | 0,6 | 0,025 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,2 | 0,2 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,2 | <0.1 | <0.2 |
| St.Dev 1 259 53 | 0,1 | 1,9 | 0,1 | 0,005 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,0 | ~0.0 | ~0.0 |
| Count 4 4 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

| Analytical lab. => | NIVA | | | | |
|-----------------------|--------------------------|-------|------|-------|-------|
| Analysis code => | 341 Calc 341 341 341 | | | | |
| Detection limit => | 0.05 0.05 0.05 0.05 0.05 | | | | |
| Sam;Sex Age Wght Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M year g mm | ppb | ppb | ppb | ppb | ppb |
| no. | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X 7 325 312 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 2/1 X 6 427 330 | <0.05 | <0.1 | 0.05 | <0.03 | <0.03 |
| 3/1 X 8 582 368 | <0.05 | <0.1 | 0.08 | <0.03 | <0.03 |
| 4/1 X 9 919 432 | <0.05 | <0.1 | 0.07 | <0.03 | <0.03 |
| Mean 7 563 360 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.0 |
| Minimum 6 325 312 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| Maximum 9 919 432 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev 1 259 53 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count 4 4 4 | 4 | 4 | 4 | 4 | 4 |

Comments

Station: Skogerøy Fish sampled in sept.2003

sample no.

- 1 Bulk of NIVA no 4,6,8
- 2 Bulk of NIVA no 11,12,13,14,15
- 3 Bulk of NIVA no 16,17,18,19,20
- 4 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20041030** Count: 20 Sample type: **Individual**

Comments

Station: Skogerøy Fish sampled whole october

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex
fish no 11,13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no16

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : PLEU PLA Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: J99 Undefined Tissue: MUSCLE
 Locality : 10F Skogerøy Latitude: 69°55.0N Longitude: 29°51.0E
 Catch,date : 20041030 Count: 20 Sample type: Bulked

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|---|--|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | | |
| Detection limit | => | Mean | 0.005 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | | | | | | | | | | | | | | | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1254 | 476 | 4,0 | 20,0 | 0,2 | 0.035 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 2/1 X | 7 | 692 | 399 | 20,2 | 18,6 | 0,2 | 0.034 | <0.05 | <0.05 | 0.05 | <0.05 | 0.07 | 0.08 | 0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.2 |
| 3/1 F | 8 | 682 | 388 | 20,2 | 19,6 | 0,1 | 0.022 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| 4/1 X | 5 | 430 | 330 | 20,4 | 20,0 | 0,2 | 0.011 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 |
| Mean | 7 | 765 | 398 | 16,2 | 19,6 | 0,2 | 0,026 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | 5 | 430 | 330 | 4,0 | 18,6 | 0,1 | 0,011 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | 10 | 1254 | 476 | 20,4 | 20,0 | 0,2 | 0,035 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | <0.2 |
| St.Dev | 2 | 348 | 60 | 8,1 | 0,7 | 0,1 | 0,011 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.1 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

| Analytical lab. | => | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|-----------------|------|------|------|-------|-------|-------|-------|-------|
| Analysis code | => | 341 | Calc | 341 | 341 | 341 | | |
| Detection limit | => | 0.05 | | 0.05 | 0.05 | 0.05 | | |
| Sam;Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1254 | 476 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 2/1 X | 7 | 692 | 399 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 3/1 F | 8 | 682 | 388 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 4/1 X | 5 | 430 | 330 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| Mean | 7 | 765 | 398 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.0 |
| Minimum | 5 | 430 | 330 | <0.1 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | 10 | 1254 | 476 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev | 2 | 348 | 60 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

Comments

Station: Skogerøy Fish sampled whole october

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
- 3 Bulk of NIVA no 11,12,13,14,15 Liver and/or intestinal guts with larvae of Anisakis simplex fish no 11,13,14
- 4 Bulk of NIVA no 16,17,18,19,20 Liver a/o intestinal guts with larvae of Anisakis simpl.no16

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
Catch,date : **20051130** Count: 25 Sample type: **Individual**

Comments

Station: Skogerøy Fish sampled in oct. and nov.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex
no 1,3,4 Bulk part sample = 101,4g
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex
Bulk park sample = 101,7g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 103,6g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 104,0g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **PLEU PLA** Pleuronectes platessa GB: Plaice, N: Rødspette
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **10F Skogerøy** Latitude: 69°55.0N Longitude: 29°51.0E
 Catch,date : **20051130** Count: 25 Sample type: **Bulked**

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 341 | | | | | | | | | | | | | | | | | | | | | |
| Detection limit | => | Mean | 0.05 | | | | | | | | | | | | | | | | | | | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1581 | 496 | 19,0 | 0,4 | 0.032 | <0.05 | <0.05 | <0.05 | <0.05 | 0.11 | 0.12 | 0.15 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 2/1 F | 7 | 1130 | 454 | 17,0 | 0,4 | 0.024 | <0.05 | <0.05 | <0.05 | <0.05 | 0.08 | 0.09 | 0.11 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 3/1 F | 7 | 982 | 431 | 20,0 | 0,3 | 0.015 | <0.05 | <0.05 | 0.05 | <0.05 | 0.09 | 0.10 | 0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 4/1 X | 7 | 760 | 414 | 19,0 | 0,4 | 0.036 | <0.05 | <0.05 | 0.05 | <0.05 | 0.11 | 0.14 | 0.16 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| 5/1 F | 6 | 588 | 361 | 21,0 | 0,3 | 0.016 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.07 | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| Mean | 8 | 1008 | 431 | 19,2 | 0,4 | 0.025 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,1 | 0,1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 |
| Minimum | 6 | 588 | 361 | 17,0 | 0,3 | 0.015 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Maximum | 10 | 1581 | 496 | 21,0 | 0,4 | 0.036 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| St.Dev | 2 | 382 | 50 | 1,5 | 0,0 | 0.009 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. | => | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|-----------------|------|------|------|-------|-------|-------|------|-------|-------|
| Analysis code | => | 341 | 341 | Calc | 341 | 341 | 341 | | |
| Detection limit | => | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | | |
| Sam;Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1581 | 496 | <0.05 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| 2/1 F | 7 | 1130 | 454 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 3/1 F | 7 | 982 | 431 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 4/1 X | 7 | 760 | 414 | <0.05 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| 5/1 F | 6 | 588 | 361 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| Mean | 8 | 1008 | 431 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | 6 | 588 | 361 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | 10 | 1581 | 496 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | 2 | 382 | 50 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Skogerøy Fish sampled in oct. and nov.2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver and/or intestinal guts with larvae of Anisakis simplex no 1,3,4 Bulk part sample = 101,4g
- 2 Bulk of NIVA no 6,7,8,9,10 Liver and/or intestinal guts with larvae of Anisakis simplex Bulk part sample = 101,7g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 103,6g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 104,0g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 101,8g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20021231** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fished from 1.oct to 31.dec.2002

sample no.

- 1 Bulk of NIVA no 21,22,23,24,25
- 2 Bulk of NIVA no 16,17,18,19,20
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 6,7,8,9,10
- 5 Bulk of NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch, date : **20021231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | NIVA | NIVA | | | | |
|--------------------|------|------|------|--------|------|------|--------|-------|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | 315 | | | | | | | | | | | | | | | | | 315 | 315 | | | | |
| Detection limit => | Mean | 0.00 | | | | | | | | | | | | | | | | 0.01 | 0.04 | | | | |
| Sam;Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 6 | 426 | 353 | 8,7 | 35,8 | 19,7 | 0.227 | 7.04 | 0.0212 | 73.8 | 1.4 | 8.3 | 13 | 6.8 | 19 | 31 | 55 | 3.1 | 16 | <1.0 | 144 | <155 | |
| 2/1 X | 9 | 644 | 408 | 14,0 | 42,2 | 27,0 | 0.137 | 9.57 | 0.200 | 81.9 | <1.0 | miss | 7.5 | 3.9 | 12 | 20 | 30 | 2.1 | 6.9 | <1.0 | <77 | <83 | |
| 3/1 X | 8 | 502 | 390 | 9,9 | 40,4 | 24,9 | 0.0254 | 6.61 | 0.0312 | 73.6 | <1.0 | s2.3 | 5.7 | 2.8 | 7.5 | 13 | 21 | 1.3 | 5.5 | <1.0 | s<56 | s<60 | |
| 4/1 X | 9 | 676 | 414 | 11,1 | 45,0 | 29,7 | 0.0342 | 14.4 | 0.134 | 97.1 | <1.0 | s3.3 | 6.5 | 3.4 | 8.9 | 16 | 23 | 1.5 | 6.0 | <1.0 | s<65 | s<70 | |
| 5/1 F | 9 | 970 | 486 | 15,4 | 51,4 | 37,4 | 0.0211 | 10.7 | 0.0201 | 92.9 | <1.0 | s4.3 | 5.9 | 2.6 | 6.9 | 14 | 19 | 1.1 | 4.5 | <1.0 | s<56 | s<59 | |
| Mean | 8 | 644 | 410 | 11,8 | 43,0 | 27,7 | 0,09 | 9,66 | 0,08 | 83,9 | <<1.1 | 8,3 | 7,7 | 3,9 | 10,9 | 18,8 | 29,6 | 1,8 | 7,8 | <<1.0 | <<111 | <<119 | |
| Minimum | 6 | 426 | 353 | 8,7 | 35,8 | 19,7 | 0,02 | 6,61 | 0,02 | 73,6 | <1.0 | 8,3 | 5,7 | 2,6 | 6,9 | 13,0 | 19,0 | 1,1 | 4,5 | <1.0 | <77 | <83 | |
| Maximum | 9 | 970 | 486 | 15,4 | 51,4 | 37,4 | 0,23 | 14,40 | 0,20 | 97,1 | 1,4 | 8,3 | 13,0 | 6,8 | 19,0 | 31,0 | 55,0 | 3,1 | 16,0 | <1.0 | 144 | <155 | |
| St.Dev | 1 | 209 | 49 | 2,8 | 5,8 | 6,5 | 0,09 | 3,15 | 0,08 | 10,8 | ~0.2 | | 3,0 | 1,7 | 5,0 | 7,3 | 14,8 | 0,8 | 4,7 | ~0.0 | ~47 | ~51 | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | |

miss(2) ! Missing value s/q(9) ! Suspect value

| Analytical lab. => | NIVA | | | | | | | | | | | |
|--------------------|------|------|------|-------|-------|-------|-------|------|-------|------|-------|-------|
| Analysis code => | 340 | | | | | | | | | | | |
| Detection limit => | 2 | | | | | | | | | | | |
| Sam;Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 6 | 426 | 353 | 39 | 18 | 167,0 | <1.0 | 0.71 | <1.7 | 5.1 | <0.50 | miss |
| 2/1 X | 9 | 644 | 408 | 22 | 7.8 | 96.8 | <1.0 | 1.1 | <2.1 | 3.8 | <0.50 | <0.50 |
| 3/1 X | 8 | 502 | 390 | 25 | 8.4 | 97.4 | <1.0 | 1.1 | <2.1 | 3.4 | <0.50 | <0.50 |
| 4/1 X | 9 | 676 | 414 | 21 | 8.4 | 92.4 | <1.0 | 1.1 | <2.1 | 3.8 | <0.50 | <0.50 |
| 5/1 F | 9 | 970 | 486 | 22 | 8.6 | 86.6 | 1.1 | 1.5 | 2.6 | 4.4 | <0.50 | <0.50 |
| Mean | 8 | 644 | 410 | 25,8 | 10,2 | 108,0 | <<1.0 | 1,1 | <<2.1 | 4,1 | <<0.5 | <<0.5 |
| Minimum | 6 | 426 | 353 | 21,0 | 7,8 | 86,6 | <1.0 | 0,7 | <1.7 | 3,4 | <0.5 | <0.5 |
| Maximum | 9 | 970 | 486 | 39,0 | 18,0 | 167,0 | 1,1 | 1,5 | 2,6 | 5,1 | <0.5 | <0.5 |
| St.Dev | 1 | 209 | 49 | 7,5 | 4,3 | 33,2 | ~0.0 | 0,3 | ~0.3 | 0,7 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |

miss(2) ! Missing value s/q(9) ! Suspect value

Comments

Station: Strandebarm Fished from 1.oct to 31.dec.2002

sample no.

- 1 Bulk of NIVA no 21,22,23,24,25
- 2 Bulk of NIVA no 16,17,18,19,20
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 6,7,8,9,10
- 5 Bulk of NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarms area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20040120** Count: 23 Sample type: **Individual**

Comments

Station: Strandebarms Fish sampled in jan. 2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of *Anisakis simpl.* 2,5
Skin with metacercariae of cf. *Cryptocotyle lingua* n. 3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of *Anisakis simpl.* 6,10
Skin with metacercariae of cf. *Cryptocotyle lingua* 7
- 3 Bulk of NIVA no 11,12,13,14,15 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Bulk of NIVA no 16,17,18,19,20 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 5 Bulk of NIVA no 21,22,23 Skin with metacercariae of cf. *Cryptocotyle lingua* 21,22

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Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch, date : **20040120** Count: 23 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | NIVA | NIVA | | | |
|---------------------|----------|--------|---------|----------|-------|-------|--------|--------|--------|--------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Analysis code => | 315 | | | | | | | | | | | | | | | | | 315 | 315 | | | |
| Detection limit => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | weight g | Dry % | Fat % | CD ppm | CU ppm | PB ppm | ZN ppm | CB28 ppb | CB52 ppb | CB101 ppb | CB105 ppb | CB118 ppb | CB138 ppb | CB153 ppb | CB156 ppb | CB180 ppb | CB209 ppb | CB_Σ7 ppb | CB_ΣΣ ppb |
| 1/1 X | 8 | 900 | 482 | 13,8 | 41,0 | 26,0 | 0.0543 | 4.43 | 0.03 | 98.1 | <1.2 | 3.1 | 9.5 | 4.2 | 13 | 28 | 45 | 2.4 | 11 | <1.2 | <111 | <117 |
| 2/1 X | 8 | 772 | 463 | 10,2 | 41,0 | 29,0 | 0.0676 | 9.27 | 0.02 | 116 | <1.2 | 2.7 | 8.2 | 3.3 | 10 | 22 | 33 | 1.9 | 8.7 | <1.2 | <86 | <91 |
| 3/1 X | 8 | 733 | 439 | 15,1 | 47,8 | 35,0 | 0.0365 | 7.01 | <0.02 | 88.1 | <1.2 | 3.1 | 12 | 4.5 | 15 | 28 | 46 | 2.8 | 13 | <1.2 | <118 | <126 |
| 4/1 X | 7 | 484 | 387 | 6,6 | 40,6 | 26,0 | 0.0586 | 14.2 | 0.03 | 75.4 | <1.2 | 2.1 | 6.9 | 2.6 | 7.6 | 17 | 24 | 1.5 | 6.2 | <1.2 | <65 | <69 |
| 5/1 F | 5 | 231 | 293 | 4,4 | 43,8 | 29,0 | 0.0202 | 10.5 | 0.02 | 101 | <1.2 | 1.3 | 6.6 | 2.1 | 6.2 | 15 | 21 | <1.2 | 4.7 | <1.2 | <56 | <58 |
| Mean | 7 | 624 | 413 | 10,0 | 42,8 | 29,0 | 0,05 | 9,08 | <0.02 | 95,7 | <<1.2 | 2,5 | 8,6 | 3,3 | 10,4 | 22,0 | 33,8 | <2.0 | 8,7 | <<1.2 | <<87 | <<92 |
| Minimum | 5 | 231 | 293 | 4,4 | 40,6 | 26,0 | 0,02 | 4,43 | <0.02 | 75,4 | <1.2 | 1,3 | 6,6 | 2,1 | 6,2 | 15,0 | 21,0 | <1.2 | 4,7 | <1.2 | <56 | <58 |
| Maximum | 8 | 900 | 482 | 15,1 | 47,8 | 35,0 | 0,07 | 14,20 | 0,03 | 116,0 | <1.2 | 3,1 | 12,0 | 4,5 | 15,0 | 28,0 | 46,0 | 2,8 | 13,0 | <1.2 | <118 | <126 |
| St.Dev | 1 | 266 | 76 | 4,6 | 3,1 | 3,7 | 0,02 | 3,68 | ~0.01 | 15,1 | ~0.0 | 0,8 | 2,2 | 1,0 | 3,7 | 6,0 | 11,6 | ~0.7 | 3,4 | ~0.0 | ~27 | ~29 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | NIVA | | | | | | | | | | | |
|---------------------|----------|--------|---------|-----------|-----------|-----------|----------|----------|-----------|---------|---------|---------|
| Analysis code => | 340 | | | | | | | | | | | |
| Detection limit => | 3 | | | | | | | | | | | |
| Sam;Sex rep F/M no. | Age year | Wght g | Lngt mm | DDTTP ppb | TDEPP ppb | DD_Σ4 ppb | HCHA ppb | HCHG ppb | HC_Σ2 ppb | HCB ppb | QCB ppb | OCS ppb |
| 1/1 X | 8 | 900 | 482 | 51 | 18 | 189.0 | <1.2 | <1.2 | <1.2 | 4.1 | <0.6 | <0.6 |
| 2/1 X | 8 | 772 | 463 | 44 | 17 | 148.0 | <1.2 | <1.2 | <1.2 | 3.9 | <0.6 | <0.6 |
| 3/1 X | 8 | 733 | 439 | 47 | 18 | 138.0 | <1.2 | <1.2 | <1.2 | 4.5 | <0.6 | <0.6 |
| 4/1 X | 7 | 484 | 387 | 30 | 13 | 103.0 | <1.2 | <1.2 | <1.2 | 2.9 | <0.6 | <0.6 |
| 5/1 F | 5 | 231 | 293 | 32 | 16 | 118.0 | <1.2 | <1.2 | <1.2 | 3.2 | <0.6 | <0.6 |
| Mean | 7 | 624 | 413 | 40,8 | 16,4 | 139,2 | <<1.2 | <<1.2 | <<1.2 | 3,7 | <<0.6 | <<0.6 |
| Minimum | 5 | 231 | 293 | 30,0 | 13,0 | 103,0 | <1.2 | <1.2 | <1.2 | 2,9 | <0.6 | <0.6 |
| Maximum | 8 | 900 | 482 | 51,0 | 18,0 | 189,0 | <1.2 | <1.2 | <1.2 | 4,5 | <0.6 | <0.6 |
| St.Dev | 1 | 266 | 76 | 9,3 | 2,1 | 32,9 | ~0.0 | ~0.0 | ~0.0 | 0,7 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Strandebarm Fish sampled in jan. 2004

sample no.

- Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of Anisakis simpl. 2,5
Skin with metacercariae of cf. Cryptocotyle lingua n. 3,4,5
- Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl.6,10
Skin with metacercariae of cf. Cryptocotyle lingua 7
- Bulk of NIVA no 11,12,13,14,15 Skin with metacercariae of cf. Cryptocotyle lingua
- Bulk of NIVA no 16,17,18,19,20 Skin with metacercariae of cf. Cryptocotyle lingua
- Bulk of NIVA no 21,22,23 Skin with metacercariae of cf. Cryptocotyle lingua 21,22

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20041231** Count: 10 Sample type: **Individual**

Comments

Station: Strandebarm Fish no 1,2,3,4,5,7,8,9,sampled between 15/11-23/12-2004
Fish no 6,10 sampled 5/2-2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no4 Liver with necrotic areas and/or discolouration no 3,4,5
Signs of mechanical damage (e.g., net wounds) no 3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua* no3,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6 Skin with metacercariae of cf. *Cryptocotyle lingua* n7,8,9,10
Liver with necrotic areas and/or discolouration no 7 Signs of mechanical damage (e.g., net wounds) no 7
- 3 ! Liver colour: yellow red
- 4 ! Liver colour: yellow white
- 5 ! Liver with necrotic areas and/or discolouration
Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)
Liver colour: yellow red

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67F Strandebar area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch, date : **20041231** Count: 10 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | NIVA | NIVA | | | |
|-----------------------|--------|-----|-----|------|------|------|--------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Analysis code => | 315 | | | | | | | | | | | | | | | | | 315 | 315 | | | |
| Detection limit => | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | | | |
| Sam;Sex Age Wght Lngt | weight | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| rep F/M year g mm | g | % | % | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | | |
| no. | | | | | | | | | | | | | | | | | | | | | | |
| 1/1 F | 8 | 693 | 447 | 14,2 | 47,5 | 34,0 | 0.0873 | 3.91 | 0.03 | 92.9 | <2 | <2 | 5.2 | <2 | 7.7 | 13 | 26 | <2 | 5.8 | <2 | <60 | <60 |
| 2/1 F | 5 | 318 | 321 | 6,5 | 52,2 | 41,0 | 0.0270 | 4.68 | <0.02 | 56.6 | <2 | 2.8 | 9.8 | 3.3 | 11 | 23 | 34 | 2.1 | 8.3 | <2 | <91 | <96 |
| Mean | 6 | 505 | 384 | 10,4 | 49,9 | 37,5 | 0,06 | 4,30 | <<0.03 | 74,8 | <<2.0 | <<2.4 | 7,5 | <<2.7 | 9,4 | 18,0 | 30,0 | <<2.1 | 7,1 | <<2.0 | <<76 | <<78 |
| Minimum | 5 | 318 | 321 | 6,5 | 47,5 | 34,0 | 0,03 | 3,91 | <0.02 | 56,6 | <2.0 | <2.0 | 5,2 | <2.0 | 7,7 | 13,0 | 26,0 | <2.0 | 5,8 | <2.0 | <60 | <60 |
| Maximum | 8 | 693 | 447 | 14,2 | 52,2 | 41,0 | 0,09 | 4,68 | 0,03 | 92,9 | <2.0 | 2,8 | 9,8 | 3,3 | 11,0 | 23,0 | 34,0 | 2,1 | 8,3 | <2.0 | <91 | <96 |
| St.Dev | 2 | 265 | 89 | 5,4 | 3,3 | 4,9 | 0,04 | 0,54 | ~0.01 | 25,7 | ~0.0 | ~0.6 | 3,3 | ~0.9 | 2,3 | 7,1 | 5,7 | ~0.1 | 1,8 | ~0.0 | ~22 | ~25 |
| Count | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

| Analytical lab. => | NIVA | | | | | | | | | | | |
|-----------------------|-------|-------|-------|------|------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | 340 | | | | | | | | | | | |
| Detection limit => | 2 | | | | | | | | | | | |
| Sam;Sex Age Wght Lngt | DDTPP | TDEPP | DD Σ4 | HCHA | HCHG | HC Σ2 | HCB | QCB | OCS | | | |
| rep F/M year g mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | | |
| no. | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 F | 8 | 693 | 447 | 14 | 8.0 | 68.0 | <2 | <2 | <2.0 | 2.2 | <1 | <1 |
| 2/1 F | 5 | 318 | 321 | 29 | 15 | 154.0 | <1 | <2 | <2.0 | 5.4 | <2 | <1 |
| Mean | 6 | 505 | 384 | 21,5 | 11,5 | 111,0 | <<1.5 | <<2.0 | <<2.0 | 3,8 | <<1.5 | <<1.0 |
| Minimum | 5 | 318 | 321 | 14,0 | 8,0 | 68,0 | <1.0 | <2.0 | <2.0 | 2,2 | <1.0 | <1.0 |
| Maximum | 8 | 693 | 447 | 29,0 | 15,0 | 154,0 | <2.0 | <2.0 | <2.0 | 5,4 | <2.0 | <1.0 |
| St.Dev | 2 | 265 | 89 | 10,6 | 4,9 | 60,8 | ~0.7 | ~0.0 | ~0.0 | 2,3 | ~0.7 | ~0.0 |
| Count | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

Comments

Station: Strandebar Fish no 1,2,3,4,5,7,8,9,sampled between 15/11-23/12-2004
 Fish no 6,10 sampled 5/2-2005

sample no.

- Bulk of NIVA no 1,2,3,4,5 Age uncertain no4 Liver with necrotic areas and/or discolouration no 3,4,5
 Signs of mechanical damage (e.g., net wounds) no 3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua* no3,5
- Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6 Skin with metacercariae of cf. *Cryptocotyle lingua* n7,8,9,10
 Liver with necrotic areas and/or discolouration no 7 Signs of mechanical damage (e.g., net wounds) no 7

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20060201** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fish sampled i jan./febr.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Skin with metacercariae of cf. *Cryptocotyle lingua* no7,8,9

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20060201** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|--------|------|--------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 315 315 315 340 340 340 340 340 340 340 340 340 340 340 340 340 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean 0.00 0.01 0.04 1 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 994 | 493 | 14,5 | 47,0 | 34,0 | 0.109 | 8.23 | <0.02 | 103 | 1.3 | 3.6 | 15 | 5.4 | 19 | 36 | 57 | s3.0 | 14 | <0.8 | 146 | s<155 | |
| 2/1 | F | 10 | 617 | 436 | 7,7 | 34,0 | 18,0 | 0.0826 | 5.23 | <0.02 | 74.0 | 0.59 | 1.5 | 6.6 | 2.5 | 10 | 16 | 32 | s1.6 | 7.1 | <0.4 | 74 | s<78 | |
| 3/1 | F | 7 | 458 | 378 | 6,5 | 42,0 | 26,0 | 0.0208 | 7.87 | <0.02 | 68.7 | 0.72 | 1.5 | 6.4 | 2.1 | 8.1 | 13 | 23 | s1.3 | 5.3 | <0.4 | 58 | s<62 | |
| 4/1 | X | 6 | 275 | 319 | 3,0 | 39,0 | 21,0 | 0.0225 | 7.85 | <0.02 | 70.3 | 0.58 | 1.2 | 4.9 | 1.8 | 6.4 | 11 | 20 | s1.2 | 4.8 | <0.4 | 49 | s<52 | |
| 5/1 | X | 5 | 186 | 286 | 1,8 | 30,0 | 11,0 | 0.0609 | 5.22 | 0.02 | 55.5 | 0.34 | 0.73 | 4.3 | 1.3 | 5.1 | 9.6 | 17 | 0.78 | 3.4 | 0.11 | 40 | 43 | |
| Mean | | 7 | 506 | 382 | 6,7 | 38,4 | 22,0 | 0,06 | 6,88 | <<0.02 | 74,3 | 0,7 | 1,7 | 7,4 | 2,6 | 9,7 | 17,1 | 29,8 | 0,8 | 6,9 | <<0.4 | 73 | 43 | |
| Minimum | | 5 | 186 | 286 | 1,8 | 30,0 | 11,0 | 0,02 | 5,22 | <0.02 | 55,5 | 0,3 | 0,7 | 4,3 | 1,3 | 5,1 | 9,6 | 17,0 | 0,8 | 3,4 | 0,1 | 40 | 43 | |
| Maximum | | 10 | 994 | 493 | 14,5 | 47,0 | 34,0 | 0,11 | 8,23 | 0,02 | 103,0 | 1,3 | 3,6 | 15,0 | 5,4 | 19,0 | 36,0 | 57,0 | 0,8 | 14,0 | <0.8 | 146 | 43 | |
| St.Dev | | 2 | 320 | 84 | 5,0 | 6,7 | 8,6 | 0,04 | 1,52 | ~0.00 | 17,5 | 0,4 | 1,1 | 4,3 | 1,6 | 5,5 | 10,8 | 16,2 | | 4,2 | ~0.2 | 42 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 1 |

miss(1) ! Missing value s/q(8) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | |
|--------------------|-----|------|------|---------------------------------------|-------|-------|-------|------|------|-------|------|-------|-------|
| Analysis code => | | | | 340 340 Calc 340 340 Calc 340 340 340 | | | | | | | | | |
| Detection limit => | | | | 2 3 0.5 2 2 2 2 2 2 2 | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 994 | 493 | 68 | 20 | 258,0 | 0.69 | 0.64 | 1.3 | 4.3 | miss | 0.48 |
| 2/1 | F | 10 | 617 | 436 | 33 | 8.8 | 104.8 | 0.37 | 0.39 | 0.8 | 1.5 | <0.2 | <0.4 |
| 3/1 | F | 7 | 458 | 378 | 22 | 9.5 | 83.5 | 0.59 | 0.61 | 1.2 | 3.0 | <0.2 | <0.4 |
| 4/1 | X | 6 | 275 | 319 | 19 | 9.5 | 83.5 | 0.41 | 0.44 | 0.9 | 2.0 | <0.2 | <0.4 |
| 5/1 | X | 5 | 186 | 286 | 18 | 5.3 | 74.3 | 0.21 | 0.23 | 0.4 | 1.1 | <0.05 | <0.1 |
| Mean | | 7 | 506 | 382 | 32,0 | 10,6 | 120,8 | 0,5 | 0,5 | 0,9 | 2,4 | <<0.2 | <<0.4 |
| Minimum | | 5 | 186 | 286 | 18,0 | 5,3 | 74,3 | 0,2 | 0,2 | 0,4 | 1,1 | <0.1 | <0.1 |
| Maximum | | 10 | 994 | 493 | 68,0 | 20,0 | 258,0 | 0,7 | 0,6 | 1,3 | 4,3 | <0.2 | 0,5 |
| St.Dev | | 2 | 320 | 84 | 21,0 | 5,5 | 77,5 | 0,2 | 0,2 | 0,4 | 1,3 | ~0.1 | ~0.1 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |

miss(1) ! Missing value s/q(8) ! Suspect value

Comments

Station: Strandebarm Fish sampled i jan./febr.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Skin with metacercariae of cf. Cryptocotyle lingua no7,8,9
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25 Liver with necrotic areas and/or discolouration no24
Liver absent no24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: LIVER
Locality : **67F Strandebar area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20061106** Count: 19 Sample type: **Individual**

Comments

Station: Strandebar area Fish sampled 6.-12.nov.2006 no 3,4,9,12,13,14,17,18,19
Fish sampled in beg. Of jan.2007 no 1,2,5,6,7,8,10,11,15,16

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no5 Skin with metacercariae of cf. *Cryptocotyle lingua* 2,3,4,5
Liver with necrotic areas and/or discolouration no 2,4,5 Signs of mechanical damage (e.g., net wounds) no 2,4,5
Liver absent no 4 Bulk liver NIVA no 1,2,3,5 (no4 absent) = 58,61g
Liver colour : Yellow red no 1,5 Liver colour: Yellow grey no 2,3
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6,9,10 Skin with metacercariae of cf. *Cryptocotyle lingua* 7,8,9,10
Bacterial fin rot no 7 Bulk sample = 52,67g
Liver colour: yellow red no 6,7,8,10 Liver colour: grey yellow no 9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 11 Skin with metacercariae of cf. *Cryptocotyle lingua*
Fish no 12,13,14,15 Liver colour: yellow red no 11,12 and yellow white 13,14,15
- 4 Bulk of NIVA no 16,17,18,19 Skin with metacercariae of cf. *Cryptocotyle lingua* no 18,19
Liver with necrotic areas and/or discolouration no 16,19 Signs of mechanical damage (e.g., net wounds) no 16,19
Liver absent no 19 Bulk of NIVA no 16,17,18 Liver no 19 absent
Liver colour: yellow red no16 and yellow white no 17,18
- 5 ! Liver colour: yellow red

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Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: LIVER
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20061106** Count: 19 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Analysis code => | | | | 315 315 315 315 340 340 340 340 340 340 340 340 340 340 340 340 340 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | 0.00 0.01 0.04 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 9 | 962 | 476 | 14,6 | 39,0 | 22,0 | 0.069 | 2.93 | <0.02 | 56.9 | 0.60 | 2.0 | 9.1 | 2.6 | 12 | 19 | 40 | 2.0 | 11 | <0.5 | 94 | <99 | |
| 2/1 | F | 7 | 621 | 402 | 10,5 | 39,0 | 25,0 | 0.048 | 8.42 | <0.02 | 81.0 | 0.72 | 1.6 | 7.5 | 2.1 | 8.3 | 15 | 25 | 1.4 | 6.9 | <0.5 | 65 | <69 | |
| 3/1 | F | 6 | 325 | 342 | 5,2 | 28,0 | 17,0 | 0.042 | 7.25 | 0.03 | 65.4 | 0.75 | 0.83 | 3.7 | 0.99 | 4.3 | 7.4 | 11 | 0.60 | 2.7 | <0.5 | 31 | <33 | |
| 4/1 | F | 4 | 184 | 274 | 3,9 | 41,0 | 28,0 | 0.015 | 4.61 | <0.02 | 41.8 | <0.5 | 1.4 | 5.5 | 1.5 | 5.7 | 10 | 16 | 0.81 | 3.5 | <0.5 | <43 | <45 | |
| Mean | | 7 | 523 | 373 | 8,6 | 36,8 | 23,0 | 0,04 | 5,80 | <<0.02 | 61,3 | <0.6 | 1,5 | 6,5 | 1,8 | 7,6 | 12,9 | 23,0 | 1,2 | 6,0 | <<0.5 | <58 | <<62 | |
| Minimum | | 4 | 184 | 274 | 3,9 | 28,0 | 17,0 | 0,02 | 2,93 | <0.02 | 41,8 | <0.5 | 0,8 | 3,7 | 1,0 | 4,3 | 7,4 | 11,0 | 0,6 | 2,7 | <0.5 | 31 | <33 | |
| Maximum | | 9 | 962 | 476 | 14,7 | 41,0 | 28,0 | 0,07 | 8,42 | 0,03 | 81,0 | 0,8 | 2,0 | 9,1 | 2,6 | 12,0 | 19,0 | 40,0 | 2,0 | 11,0 | <0.5 | 94 | <99 | |
| St.Dev | | 2 | 345 | 86 | 5,0 | 5,9 | 4,7 | 0,02 | 2,49 | ~0.00 | 16,4 | ~0.1 | 0,5 | 2,4 | 0,7 | 3,4 | 5,2 | 12,7 | 0,6 | 3,8 | ~0.0 | ~28 | ~29 | |
| Count | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |

| Analytical lab. => | | | | NIVA | | | | | | | | | | |
|--------------------|-----|------|------|---|-------|-------|-------|-------|-------|-------|------|------|-------|--|
| Analysis code => | | | | 340 340 340 340 340 340 340 340 340 340 340 | | | | | | | | | | |
| Detection limit => | | | | 2 3 0.5 2 2 2 2 2 2 2 | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | F | 9 | 962 | 476 | 37 | 17 | 184.0 | <0.5 | <0.5 | <0.5 | 2.3 | 0.50 | <0.5 | |
| 2/1 | F | 7 | 621 | 402 | 33 | 11 | 123.0 | <0.5 | <0.5 | <0.5 | 2.7 | 0.83 | <0.5 | |
| 3/1 | F | 6 | 325 | 342 | 21 | 5.6 | 59.6 | <0.5 | <0.5 | <0.5 | 1.8 | 0.59 | <0.5 | |
| 4/1 | F | 4 | 184 | 274 | 20 | 8.1 | 76.1 | <0.5 | <0.5 | <0.5 | 2.1 | 0.80 | <0.5 | |
| Mean | | 7 | 523 | 373 | 27,8 | 10,4 | 110,7 | <<0.5 | <<0.5 | <<0.5 | 2,2 | 0,7 | <<0.5 | |
| Minimum | | 4 | 184 | 274 | 20,0 | 5,6 | 59,6 | <0.5 | <0.5 | <0.5 | 1,8 | 0,5 | <0.5 | |
| Maximum | | 9 | 962 | 476 | 37,0 | 17,0 | 184,0 | <0.5 | <0.5 | <0.5 | 2,7 | 0,8 | <0.5 | |
| St.Dev | | 2 | 345 | 86 | 8,5 | 4,9 | 55,8 | ~0.0 | ~0.0 | ~0.0 | 0,4 | 0,2 | ~0.0 | |
| Count | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |

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Comments

Station: Strandebarm area Fish sampled 6.-12.nov.2006 no 3,4,9,12,13,14,17,18,19
Fish sampled in beg. Of jan.2007 no 1,2,5,6,7,8,10,11,15,16

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no5 Skin with metacercariae of cf. *Cryptocotyle lingua* 2,3,4,5
Liver with necrotic areas and/or discolouration no 2,4,5 Signs of mechanical damage (e.g., net wounds) no 2,4,5
Liver absent no 4 Bulk liver NIVA no 1,2,3,5 (no4 absent) = 58,61g
Liver colour : Yellow red no 1,5 Liver colour: Yellow grey no 2,3
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6,9,10 Skin with metacercariae of cf. *Cryptocotyle lingua* 7,8,9,10
Bacterial fin rot no 7 Bulk sample = 52,67g
Liver colour: yellow red no 6,7,8,10 Liver colour: grey yellow no 9
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 11 Skin with metacercariae of cf. *Cryptocotyle lingua*
Fish no 12,13,14,15 Liver colour: yellow red no 11,12 and yellow white 13,14,15
- 4 Bulk of NIVA no 16,17,18,19 Skin with metacercariae of cf. *Cryptocotyle lingua* no 18,19
Liver with necrotic areas and/or discolouration no 16,19 Signs of mechanical damage (e.g., net wounds) no 16,19
Liver absent no 19 Bulk of NIVA no 16,17,18 Liver no 19 absent
Liver colour: yellow red no16 and yellow white no 17,18

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20040117** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord fish sampled between 10.-17.jan2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua* n.1,3
Liver a/o intestinal guts with larvae of *Anisakis simplex* 4
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua* no7
- 3 Bulk of NIVA no 11,12,13,14,15 Liver with necrotic areas and/or discolouration no11
Signs of mechanical damage (e.g., net wounds) no 11
- 4 Bulk of NIVA no 16,17,18,19,20

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20040117** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 315 | 315 | 315 | 315 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | Calc | Calc | | |
| Detection limit => | | | | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 902 | 483 | 9,4 | 37,0 | 0,1 | 0.159 | 11.5 | <0.02 | 91.3 | 1.5 | 3.3 | 11 | 5.5 | 19 | 36 | 67 | 3.2 | 17 | <1.2 | 155 | <165 |
| 2/1 | F | 9 | 782 | 457 | 9,2 | 43,1 | 0,1 | 0.0592 | 4.96 | <0.02 | 99.7 | 1.3 | 2.5 | 6.9 | 3.2 | 10 | 19 | 33 | 1.6 | 8.4 | <1.2 | 81 | <87 |
| 3/1 | F | 9 | 664 | 434 | 8,0 | 42,9 | 0,1 | 0.0725 | 8.82 | 0.02 | 90.9 | 1.3 | 2.7 | 7.8 | 3.9 | 12 | 27 | 43 | 2.3 | 11 | <1.2 | 105 | <112 |
| 4/1 | F | 8 | 566 | 415 | 6,5 | 38,6 | 0,1 | 0.0552 | 11.5 | 0.03 | 76.3 | 1.3 | 3.0 | 9.6 | 3.9 | 12 | 24 | 42 | 1.9 | 9.0 | <1.2 | 101 | <108 |
| 5/1 | F | 6 | 347 | 356 | 4,3 | 47,2 | 0,1 | 0.0468 | 9.31 | 0.02 | 77.5 | 1.4 | 3.2 | 10 | 4.1 | 12 | 22 | 38 | 1.7 | 9.6 | <1.2 | 96 | <103 |
| Mean | | 8 | 652 | 429 | 7,5 | 41,8 | 0,1 | 0,08 | 9,22 | <<0.02 | 87,1 | 1,4 | 2,9 | 9,1 | 4,1 | 13,0 | 25,6 | 44,6 | 2,1 | 11,0 | <<1.2 | 108 | <<115 |
| Minimum | | 6 | 347 | 356 | 4,3 | 37,0 | 0,1 | 0,05 | 4,96 | <0.02 | 76,3 | 1,3 | 2,5 | 6,9 | 3,2 | 10,0 | 19,0 | 33,0 | 1,6 | 8,4 | <1.2 | 81 | <87 |
| Maximum | | 9 | 902 | 483 | 9,4 | 47,2 | 0,1 | 0,16 | 11,50 | 0,03 | 99,7 | 1,5 | 3,3 | 11,0 | 5,5 | 19,0 | 36,0 | 67,0 | 3,2 | 17,0 | <1.2 | 155 | <165 |
| St.Dev | | 1 | 212 | 48 | 2,1 | 4,0 | 0,0 | 0,05 | 2,68 | ~0.00 | 10,0 | 0,1 | 0,3 | 1,7 | 0,8 | 3,5 | 6,5 | 13,1 | 0,7 | 3,5 | ~0.0 | 28 | ~30 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | | |
| Sam | Sex | Age | Wght | Lngt | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 902 | 483 | 20 | 11 | 84.0 | <1.2 | <1.2 | <1.2 | 5.2 | <0.6 | <0.6 |
| 2/1 | F | 9 | 782 | 457 | 19 | 8.1 | 56.1 | <1.2 | <1.2 | <1.2 | 4.8 | miss | <0.6 |
| 3/1 | F | 9 | 664 | 434 | 15 | 8.1 | 59.1 | <1.2 | <1.2 | <1.2 | 4.1 | <0.6 | <0.6 |
| 4/1 | F | 8 | 566 | 415 | 10 | 7.6 | 64.6 | <1.2 | <1.2 | <1.2 | 4.3 | <0.6 | <0.6 |
| 5/1 | F | 6 | 347 | 356 | 14 | 7.9 | 65.9 | <1.2 | <1.2 | <1.2 | 6.4 | 0.87 | <0.6 |
| Mean | | 8 | 652 | 429 | 15,6 | 8,5 | 65,9 | <<1.2 | <<1.2 | <<1.2 | 5,0 | <<0.7 | <<0.6 |
| Minimum | | 6 | 347 | 356 | 10,0 | 7,6 | 56,1 | <1.2 | <1.2 | <1.2 | 4,1 | <0.6 | <0.6 |
| Maximum | | 9 | 902 | 483 | 20,0 | 11,0 | 84,0 | <1.2 | <1.2 | <1.2 | 6,4 | 0,9 | <0.6 |
| St.Dev | | 1 | 212 | 48 | 4,0 | 1,4 | 10,9 | ~0.0 | ~0.0 | ~0.0 | 0,9 | ~0.1 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 |

miss(1) ! Missing value

Comments

Station: Åkrefjord fish sampled between 10.-17.jan2004

sample no.

- Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua* n.1,3
Liver a/o intestinal guts with larvae of *Anisakis simplex* 4
- Bulk of NIVA no 6,7,8,9,10 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua* no7
- Bulk of NIVA no 11,12,13,14,15 Liver with necrotic areas and/or discolouration noll
Signs of mechanical damage (e.g., net wounds) no 11
- Bulk of NIVA no 16,17,18,19,20
- Bulk of NIVA no 21,22,23,24,25 Fish no 24 no liver

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20041231** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord Fished in dec.

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts wi. larvae of Anisakis simpl.no1,2
Liver with necrotic areas and/or discolouration no5 Signs of mechanical damage (e.g., net wounds) no5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 13,14 Liver a/o intestinal guts with larvae of Anisakis simpl.no14
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch, date : **20041231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|--------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | 315 | | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | 0.04 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 10 | 1015 | 491 | 17,8 | 39,4 | 25,0 | 0.0812 | 5.94 | <0.02 | 105 | <1 | 2.0 | 4.7 | 2.3 | 8.6 | 16 | 25 | 1.7 | 8.8 | <1 | <66 | <70 | |
| 2/1 | F | 9 | 924 | 462 | 19,0 | 48,8 | 37,0 | 0.0388 | 4.17 | <0.02 | 124 | miss | miss | <2 | <2 | s5.3 | 13 | s25 | <2 | 10 | <2 | s<55 | s<55 | |
| 3/1 | F | 8 | 742 | 443 | 14,1 | 48,5 | 37,0 | 0.190 | 10.5 | <0.02 | 73.3 | <2 | miss | 10 | 4.1 | 15 | 13 | 44 | 2.4 | 11 | <2 | <95 | <102 | |
| 4/1 | F | 8 | 554 | 408 | 4,3 | 36,4 | 24,0 | 0.117 | 11.6 | 0.02 | 79.2 | 1.7 | 5.1 | 24 | 9.5 | 36 | 62 | miss | 6.5 | 30 | 2.1 | 159 | 177 | |
| 5/1 | X | 6 | 322 | 329 | 5,9 | 49,2 | 39,0 | 0.0619 | 7.81 | <0.02 | 88.9 | <2 | 3.6 | 2.6 | <2 | 5.5 | 13 | 22 | <2 | 7.8 | <2 | <57 | <57 | |
| Mean | | 8 | 711 | 427 | 12,2 | 44,5 | 32,4 | 0,10 | 8,00 | <<0.02 | 94,1 | <<1.7 | 3,6 | <8.7 | <<4.0 | 16,3 | 23,4 | 30,3 | <<2.9 | 13,5 | <<1.8 | <<94 | <<102 | |
| Minimum | | 6 | 322 | 329 | 4,3 | 36,4 | 24,0 | 0,04 | 4,17 | <0.02 | 73,3 | <1.0 | 2,0 | <2.0 | <2.0 | 5,5 | 13,0 | 22,0 | 1,7 | 7,8 | <1.0 | <57 | <57 | |
| Maximum | | 10 | 1015 | 491 | 19,0 | 49,2 | 39,0 | 0,19 | 11,60 | 0,02 | 124,0 | <2.0 | 5,1 | 24,0 | 9,5 | 36,0 | 62,0 | 44,0 | 6,5 | 30,0 | 2,1 | 159 | 177 | |
| St.Dev | | 2 | 281 | 62 | 6,8 | 6,1 | 7,3 | 0,06 | 3,09 | ~0.00 | 20,6 | ~0.5 | 1,6 | ~9.1 | ~3.2 | 13,7 | 21,6 | 11,9 | ~2.0 | 9,3 | ~0.5 | ~46 | ~54 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 4 | 4 | |

miss(9) ! Missing value s/q(8) ! Suspect value

| Analytical lab. => | | | | NIVA | | | | | | | | | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
| Analysis code => | | | | 340 | | | | | | | | | | 340 | |
| Detection limit => | | | | 2 | | | | | | | | | | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | F | 10 | 1015 | 491 | 7.4 | 4.7 | 33.1 | <1 | <1 | <1.0 | 0.67 | <0.5 | <0.5 | | |
| 2/1 | F | 9 | 924 | 462 | 9.9 | s6.7 | s27.6 | miss | miss | | miss | miss | miss | | |
| 3/1 | F | 8 | 742 | 443 | 9.5 | 10 | 56.5 | <2 | <2 | <2.0 | s2.7 | <1 | <1 | | |
| 4/1 | F | 8 | 554 | 408 | 20 | 14 | 174.0 | <1 | <1 | <1.0 | 5.1 | 1.4 | <0.5 | | |
| 5/1 | X | 6 | 322 | 329 | 6.1 | 4.9 | 27.0 | <2 | <2 | <2.0 | <1 | <1 | <1 | | |
| Mean | | 8 | 711 | 427 | 10,6 | 8,4 | 72,7 | <<1.5 | <<1.5 | <<1.5 | <<2.3 | <<1.0 | <<0.8 | | |
| Minimum | | 6 | 322 | 329 | 6,1 | 4,7 | 27,0 | <1.0 | <1.0 | <1.0 | 0,7 | <0.5 | <0.5 | | |
| Maximum | | 10 | 1015 | 491 | 20,0 | 14,0 | 174,0 | <2.0 | <2.0 | <2.0 | 5,1 | 1,4 | <1.0 | | |
| St.Dev | | 2 | 281 | 62 | 5,5 | 4,5 | 68,8 | ~0.6 | ~0.6 | ~0.6 | ~2.5 | ~0.4 | ~0.3 | | |
| Count | | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | | |

miss(9) ! Missing value s/q(8) ! Suspect value

Comments

Station: Åkrefjord Fished in dec.

sample no.

- Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts wi. larvae of Anisakis simpl.no1,2
Liver with necrotic areas and/or discolouration no5 Signs of mechanical damage (e.g., net wounds) no5
- Bulk of NIVA no 6,7,8,9,10
- Bulk of NIVA no 11,12,13,14,15 Age uncertain 13,14 Liver a/o intestinal guts with larvae of Anisakis simpl.no14
- Bulk of NIVA no 16,17,18,19,20
- Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20051031** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Fish sampled in oct.2005
Frozen fish was 1 week in 4degr C before it arrivaid NIVA

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 all livers are loose
- 2 Bulk of NIVA no 6,7,8,9,10 All livers are loose
- 3 Bulk of NIVA no 11,12,13,14,15 All livers are loose
- 4 Bulk of NIVA no 16,17,18,19,20 All livers are loose
- 5 Bulk of NIVA no 21,22,23,24,25 All livers are loose

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20051031** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | | |
|--------------------|-----|------|------|------|--------|------|------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 315 | 315 | 315 | 315 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | Calc | Calc | | |
| Detection limit => | | | | Mean | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 850 | 471 | 7,5 | 37,0 | 24,5 | 0.254 | 15.5 | 0.02 | 69.8 | 0.99 | 2.0 | 7.9 | 4.6 | 17 | 26 | 53 | s2.7 | 17 | 1.0 | 124 | s132 |
| 2/1 | F | 2 | 651 | 441 | 6,4 | 38,0 | 27,9 | 0.118 | 8.82 | 0.02 | 64.1 | 1.0 | 1.5 | 6.2 | 2.8 | 9.9 | 17 | 33 | 1.9 | 11 | 0.85 | 80 | 85 |
| 3/1 | F | 3 | 550 | 419 | 4,3 | 38,0 | 27,0 | 0.112 | 7.50 | 0.02 | 58.2 | 1.1 | 2.2 | 9.9 | 4.9 | 19 | 34 | 68 | s2.9 | 19 | 1.1 | 153 | s162 |
| 4/1 | F | 2 | 482 | 399 | 3,5 | 33,0 | 21,5 | 0.103 | 10.2 | 0.03 | 48.1 | 0.79 | 1.8 | 7.1 | 3.4 | 13 | 22 | 44 | s1.8 | 12 | 0.94 | 101 | s107 |
| 5/1 | X | 2 | 346 | 344 | 3,9 | 41,0 | 29,6 | 0.0440 | 7.03 | <0.02 | 71.0 | 0.91 | 1.7 | 5.6 | 2.5 | 8.8 | 13 | 27 | 1.6 | 7.6 | 0.42 | 65 | 69 |
| Mean | | 2 | 576 | 415 | 5,1 | 37,4 | 26,1 | 0,13 | 9,81 | <0.02 | 62,2 | 1,0 | 1,8 | 7,3 | 3,6 | 13,5 | 22,4 | 45,0 | 1,8 | 13,3 | 0,9 | 105 | 77 |
| Minimum | | 2 | 346 | 344 | 3,5 | 33,0 | 21,5 | 0,04 | 7,03 | <0.02 | 48,1 | 0,8 | 1,5 | 5,6 | 2,5 | 8,8 | 13,0 | 27,0 | 1,6 | 7,6 | 0,4 | 65 | 69 |
| Maximum | | 3 | 850 | 471 | 7,5 | 41,0 | 29,6 | 0,25 | 15,50 | 0,03 | 71,0 | 1,1 | 2,2 | 9,9 | 4,9 | 19,0 | 34,0 | 68,0 | 1,9 | 19,0 | 1,1 | 153 | 85 |
| St.Dev | | 0 | 189 | 48 | 1,7 | 2,9 | 3,2 | 0,08 | 3,41 | ~0.00 | 9,4 | 0,1 | 0,3 | 1,7 | 1,1 | 4,4 | 8,1 | 16,3 | 0,2 | 4,6 | 0,3 | 35 | 11 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 2 |

| Analytical lab. => | | | | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|------|------|-------|------|-------|-------|
| Analysis code => | | | | 340 | 340 | Calc | 340 | 340 | Calc | 340 | 340 | 340 | |
| Detection limit => | | | | 2 | 3 | 0.5 | 2 | 2 | 2 | 2 | 2 | | |
| Sam | Sex | Age | Wght | Lngt | DDTTP | TDEPP | DD_Σ4 | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 2 | 850 | 471 | 11 | 5.6 | 64.6 | 0.42 | 0.36 | 0.8 | 2.9 | 1.1 | <0.3 |
| 2/1 | F | 2 | 651 | 441 | 9.7 | 4.2 | 43.9 | 0.57 | <0.5 | <1.1 | 2.8 | miss | <0.5 |
| 3/1 | F | 3 | 550 | 419 | 18 | 6.8 | 95.8 | 0.45 | 0.40 | 0.9 | 3.8 | 1.2 | <0.4 |
| 4/1 | F | 2 | 482 | 399 | 13 | 4.6 | 65.6 | 0.32 | 0.28 | 0.6 | 2.7 | <0.2 | <0.2 |
| 5/1 | X | 2 | 346 | 344 | 7.7 | 3.7 | 44.4 | 0.65 | 0.48 | 1.1 | 3.7 | <0.8 | 0.24 |
| Mean | | 2 | 576 | 415 | 11,9 | 5,0 | 62,9 | 0,5 | <0.4 | <0.9 | 3,2 | <<0.8 | <<0.3 |
| Minimum | | 2 | 346 | 344 | 7,7 | 3,7 | 43,9 | 0,3 | 0,3 | 0,6 | 2,7 | <0.2 | <0.2 |
| Maximum | | 3 | 850 | 471 | 18,0 | 6,8 | 95,8 | 0,7 | <0.5 | 1,1 | 3,8 | 1,2 | <0.5 |
| St.Dev | | 0 | 189 | 48 | 3,9 | 1,2 | 21,2 | 0,1 | ~0.1 | ~0.2 | 0,5 | ~0.5 | ~0.1 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 |

miss(1) ! Missing value s/q(6) ! Suspect value

Comments

Station: Åkrafjord Fish sampled in oct.2005
 Frozen fish was 1 week in 4degr C before it arrivaid NIVA

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 all livers are loose
- 2 Bulk of NIVA no 6,7,8,9,10 All livers are loose
- 3 Bulk of NIVA no 11,12,13,14,15 All livers are loose
- 4 Bulk of NIVA no 16,17,18,19,20 All livers are loose
- 5 Bulk of NIVA no 21,22,23,24,25 All livers are loose

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: LIVER
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20070101** Count: 15 Sample type: **Individual**

Comments

Station: Åkrafjord Sampled in jan 07 at 10-30m depth

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,2,3
Liver colour: brown red 1,3 yellow red 2,4 white red 5
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of Anisakis simplex 6
Age uncertain no 7,9 Liver colour: yellow red 6,7,9,10 white red 8
- 3 Bulk of NIVA no 11,12,13,14,15 Liver colour: white red 14,15 yellow red 11,13 yellow 12
- 4 ! Age uncertain Liver colour: brown red
- 5 !Age uncertain Liver colour: yellow brown

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: LIVER
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch, date : **20070101** Count: 15 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | NIVA | | | | |
|--------------------|-----|------|------|------|--------|------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Analysis code => | | | | 315 | | | | | | | | | | | | | | | | 315 | | | | |
| Detection limit => | | | | 0.00 | | | | | | | | | | | | | | | | 0.00 | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | CD | CU | PB | ZN | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppm | ppm | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 7 | 1015 | 515 | 8,8 | 35,0 | 22,0 | 0.162 | 14.4 | 0.099 | 98.1 | 1.5 | 4.0 | 13 | 6.2 | 23 | 36 | 77 | 4.0 | 22 | <1.0 | 177 | <188 | |
| 2/1 | X | 8 | 770 | 467 | 9,1 | 38,0 | 24,0 | 0.186 | 12.5 | 0.031 | 97.8 | <1.0 | 3.0 | 7.9 | 3.8 | 11 | 19 | 35 | 1.5 | 11 | <1.0 | <88 | <93 | |
| 3/1 | F | 6 | 490 | 400 | 2,0 | 41,0 | 22,0 | 0.214 | 20.8 | 0.026 | 101 | <1.0 | 2.6 | 10 | 4.6 | 14 | 24 | 48 | 1.8 | 13 | <1.0 | <113 | <119 | |
| Mean | | 7 | 758 | 461 | 6,6 | 38,0 | 22,7 | 0,19 | 15,90 | 0,05 | 99,0 | <<1.2 | 3,2 | 10,3 | 4,9 | 16,0 | 26,3 | 53,3 | 2,4 | 15,3 | <<1.0 | <<126 | <<133 | |
| Minimum | | 6 | 490 | 400 | 2,0 | 35,0 | 22,0 | 0,16 | 12,50 | 0,03 | 97,8 | <1.0 | 2,6 | 7,9 | 3,8 | 11,0 | 19,0 | 35,0 | 1,5 | 11,0 | <1.0 | <88 | <93 | |
| Maximum | | 8 | 1015 | 515 | 9,1 | 41,0 | 24,0 | 0,21 | 20,80 | 0,10 | 101,0 | 1,5 | 4,0 | 13,0 | 6,2 | 23,0 | 36,0 | 77,0 | 4,0 | 22,0 | <1.0 | 177 | <188 | |
| St.Dev | | 1 | 262 | 58 | 4,0 | 3,0 | 1,2 | 0,03 | 4,35 | 0,04 | 1,8 | ~0.3 | 0,7 | 2,6 | 1,2 | 6,2 | 8,7 | 21,5 | 1,4 | 5,9 | ~0.0 | ~46 | ~49 | |
| Count | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |

| Analytical lab. => | | | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | | NIVA | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|-------|------|--|
| Analysis code => | | | | 340 | | 340 | | Calc | | 340 | | 340 | | 340 | |
| Detection limit => | | | | 2 | | 3 | | 0.5 | | 2 | | 2 | | 2 | |
| Sam | Sex | Age | Wght | Lngr | DDTPP | TDEPP | DD Σ4 | HCHA | HCHG | HC Σ2 | HCB | QCB | OCS | | |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | | |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | | |
| 1/1 | X | 7 | 1015 | 515 | 21 | 11 | 102.0 | <1.0 | <1.0 | <1.0 | 5.4 | 0.96 | <1.0 | | |
| 2/1 | X | 8 | 770 | 467 | 7.3 | 7.0 | 57.3 | <1.0 | <1.0 | <1.0 | 4.2 | 0.79 | <1.0 | | |
| 3/1 | F | 6 | 490 | 400 | 9.9 | 7.3 | 62.2 | <1.0 | <1.0 | <1.0 | 3.0 | 0.84 | <1.0 | | |
| Mean | | 7 | 758 | 461 | 12,7 | 8,4 | 73,8 | <<1.0 | <<1.0 | <<1.0 | 4,2 | 0,9 | <<1.0 | | |
| Minimum | | 6 | 490 | 400 | 7,3 | 7,0 | 57,3 | <1.0 | <1.0 | <1.0 | 3,0 | 0,8 | <1.0 | | |
| Maximum | | 8 | 1015 | 515 | 21,0 | 11,0 | 102,0 | <1.0 | <1.0 | <1.0 | 5,4 | 1,0 | <1.0 | | |
| St.Dev | | 1 | 262 | 58 | 7,3 | 2,2 | 24,5 | ~0.0 | ~0.0 | ~0.0 | 1,2 | 0,1 | ~0.0 | | |
| Count | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

Comments

Station: Åkrafjord Sampled in jan 07 at 10-30m depth

sample no.

- Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,2,3
Liver colour: brown red 1,3 yellow red 2,4 white red 5
- Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of Anisakis simplex 6
Age uncertain no 7,9 Liver colour: yellow red 6,7,9,10 white red 8
- Bulk of NIVA no 11,12,13,14,15 Liver colour: white red 14,15 yellow red 11,13 yellow 12

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20021231** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fished from 1.oct to 31.dec.2002

sample no.

- 1 Bulk of NIVA no 21,22,23,24,25
- 2 Bulk of NIVA no 16,17,18,19,20
- 3 Bulk of NIVA no 11,12,13,14,15

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20021231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|--|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean 0.005 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | | | | | | | | | | | | | | | |
| Sam:Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 6 | 426 | 353 | 12,1 | 19,3 | 0,6 | 0.352 | <0.05 | miss | 0.12 | 0.07 | 0.16 | 0.24 | 0.39 | <0.05 | 0.13 | <0.05 | <1 | <1 | 0.80 | 0.12 | 0.9 | |
| 2/1 X | 9 | 644 | 408 | 12,0 | 20,1 | 0,5 | 0.123 | <0.05 | <0.05 | 0.06 | <0.05 | 0.09 | 0.15 | 0.19 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0.73 | 0.05 | 0.8 | |
| 3/1 X | 8 | 502 | 390 | 16,0 | 19,9 | 0,4 | 0.123 | <0.05 | miss | 0.05 | <0.05 | 0.06 | 0.09 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.39 | <0.07 | <0.5 | |
| 4/1 X | 9 | 676 | 414 | 15,3 | 20,4 | 0,4 | 0.113 | <0.05 | miss | <0.05 | <0.05 | 0.05 | 0.08 | 0.09 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.30 | <0.07 | <0.4 | |
| 5/1 F | 9 | 970 | 486 | 15,1 | 21,0 | 0,5 | 0.074 | <0.05 | miss | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.25 | <0.07 | <0.3 | |
| Mean | 8 | 644 | 410 | 14,1 | 20,1 | 0,5 | 0.157 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <0.1 | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,5 | <<0.1 | <<0.6 | |
| Minimum | 6 | 426 | 353 | 12,0 | 19,3 | 0,4 | 0.074 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,3 | 0,1 | <0.3 | |
| Maximum | 9 | 970 | 486 | 16,0 | 21,0 | 0,6 | 0.352 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,2 | 0,4 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,8 | 0,1 | 0,9 | |
| St.Dev | 1 | 209 | 49 | 1,9 | 0,6 | 0,1 | 0.111 | ~0.0 | | ~0.0 | ~0.0 | ~0.0 | 0,1 | 0,1 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,3 | ~0.0 | ~0.3 | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(4) ! Missing value

| Analytical lab. => | | | | NIVA | | | | |
|--------------------|------|------|------|--------------------------|-------|------|-------|-------|
| Analysis code => | | | | 341 Calc 341 341 341 | | | | |
| Detection limit => | | | | 0.05 0.05 0.05 0.05 0.05 | | | | |
| Sam:Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 X | 6 | 426 | 353 | <0.05 | <0.1 | 0.06 | <0.03 | <0.03 |
| 2/1 X | 9 | 644 | 408 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 3/1 X | 8 | 502 | 390 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 4/1 X | 9 | 676 | 414 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 5/1 F | 9 | 970 | 486 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| Mean | 8 | 644 | 410 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.0 |
| Minimum | 6 | 426 | 353 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | 9 | 970 | 486 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | 1 | 209 | 49 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

miss(4) ! Missing value

Comments

Station: Strandebarm Fished from 1.oct to 31.dec.2002

sample no.

- 1 Bulk of NIVA no 21,22,23,24,25
- 2 Bulk of NIVA no 16,17,18,19,20
- 3 Bulk of NIVA no 11,12,13,14,15
- 4 Bulk of NIVA no 6,7,8,9,10
- 5 Bulk of NIVA no 1,2,3,4,5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarms area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20040120** Count: 23 Sample type: **Individual**

Comments

Station: Strandebarms Fish sampled in jan. 2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of *Anisakis simpl.* 2,5
Skin with metacercariae of cf. *Cryptocotyle lingua* n. 3,4,5
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of *Anisakis simpl.* 6,10
Skin with metacercariae of cf. *Cryptocotyle lingua* 7
- 3 Bulk of NIVA no 11,12,13,14,15 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 4 Bulk of NIVA no 16,17,18,19,20 Skin with metacercariae of cf. *Cryptocotyle lingua*
- 5 Bulk of NIVA no 21,22,23 Skin with metacercariae of cf. *Cryptocotyle lingua* 21,22

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20040120** Count: 23 Sample type: **Bulked**

| Analytical lab. => | | NIVA | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|---|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Analysis code => | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | Mean | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | |
| 1/1 | X | 8 | 900 | 482 | 20,1 | 20,5 | 0,3 | 0.226 | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | 0.1 | 0.16 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.7 |
| 2/1 | X | 8 | 772 | 463 | 20,4 | 20,4 | 0,3 | 0.153 | <0.05 | <0.05 | 0.08 | <0.05 | 0.06 | 0.13 | 0.20 | <0.05 | 0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.7 |
| 3/1 | X | 8 | 733 | 439 | 20,2 | 19,5 | 0,4 | 0.131 | <0.05 | <0.05 | 0.08 | <0.05 | 0.06 | 0.14 | 0.22 | <0.05 | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.6 |
| 4/1 | X | 7 | 484 | 387 | 20,8 | 19,9 | 0,4 | 0.127 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | 0.11 | 0.16 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.7 |
| 5/1 | F | 5 | 231 | 293 | 20,9 | 21,6 | 0,6 | 0.049 | <0.05 | <0.05 | 0.05 | <0.05 | <0.05 | 0.09 | 0.11 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.7 |
| Mean | | 7 | 624 | 413 | 20,5 | 20,4 | 0,4 | 0.137 | <<0.1 | <<0.1 | 0,1 | <<0.1 | <<0.1 | 0,1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,7 |
| Minimum | | 5 | 231 | 293 | 20,1 | 19,5 | 0,3 | 0.049 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,6 |
| Maximum | | 8 | 900 | 482 | 20,9 | 21,6 | 0,6 | 0.226 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,7 |
| St.Dev | | 1 | 266 | 76 | 0,4 | 0,8 | 0,1 | 0.063 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 | 0,0 | 0,0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | 0,0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | NIVA | | | | | | | |
|--------------------|-----|----------------------|------|------|-------|-------|------|-------|-------|
| Analysis code => | | 341 Calc 341 341 341 | | | | | | | |
| Detection limit => | | 0.05 | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 8 | 900 | 482 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 2/1 | X | 8 | 772 | 463 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 3/1 | X | 8 | 733 | 439 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 4/1 | X | 7 | 484 | 387 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 5/1 | F | 5 | 231 | 293 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| Mean | | 7 | 624 | 413 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.0 |
| Minimum | | 5 | 231 | 293 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum | | 8 | 900 | 482 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev | | 1 | 266 | 76 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Strandebarm Fish sampled in jan. 2004

sample no.

- Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts with larvae of Anisakis simpl. 2,5
Skin with metacercariae of cf. Cryptocotyle lingua n. 3,4,5
- Bulk of NIVA no 6,7,8,9,10 Liver a/o intestinal guts with larvae of Anisakis simpl.6,10
Skin with metacercariae of cf. Cryptocotyle lingua 7
- Bulk of NIVA no 11,12,13,14,15 Skin with metacercariae of cf. Cryptocotyle lingua
- Bulk of NIVA no 16,17,18,19,20 Skin with metacercariae of cf. Cryptocotyle lingua
- Bulk of NIVA no 21,22,23 Skin with metacercariae of cf. Cryptocotyle lingua 21,22

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20041231** Count: 10 Sample type: **Individual**

Comments

Station: Strandebarm Fish no 1,2,3,4,5,7,8,9,sampled between 15/11-23/12-2004
Fish no 6,10 sampled 5/2-2005

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no4 Liver with necrotic areas and/or discolouration no 3,4,5
Signs of mechanical damage (e.g., net wounds) no 3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua* no3,5
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6 Skin with metacercariae of cf. *Cryptocotyle lingua* n7,8,9,10
Liver with necrotic areas and/or discolouration no 7 Signs of mechanical damage (e.g., net wounds) no 7
- 3 !
- 4 !
- 5 ! Liver with necrotic areas and/or discolouration
Skin with metacercariae of cf. *Cryptocotyle lingua* Signs of mechanical damage (e.g., net wounds)

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebrarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20041231** Count: 10 Sample type: **Bulked**

| Analytical lab. => | NIVA | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | |
| Detection limit => | Mean | 0.005 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 | | | | | | | | | | | | | | | | | |
| Sam;Sex Age Wght Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 |
| rep F/M year g mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F 8 693 447 | 20,6 | 21,0 | 0,2 | 0,334 | <0.05 | miss | <0.05 | <0.05 | <0.05 | 0.10 | 0.15 | <0.05 | 0.05 | <0.05 | <0 | <0 | 0.32 | <0.05 | <0.4 |
| 2/1 F 5 318 321 | 10,7 | 21,7 | 0,4 | 0,119 | <0.05 | miss | 0.08 | <0.05 | 0.06 | 0.14 | 0.22 | <0.05 | 0.05 | <0.05 | <1 | <1 | 0.73 | 0.07 | 0.8 |
| Mean 6 505 384 | 15,7 | 21,4 | 0,3 | 0,227 | <<0.1 | | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,2 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,5 | <<0.1 | <<0.6 |
| Minimum 5 318 321 | 10,7 | 21,0 | 0,2 | 0,119 | <0.1 | | <0.1 | <0.1 | <0.1 | 0,1 | 0,2 | <0.1 | 0,1 | <0.1 | <0 | <0 | 0,3 | <0.1 | <0.4 |
| Maximum 8 693 447 | 20,6 | 21,7 | 0,4 | 0,334 | <0.1 | | 0,1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,7 | 0,1 | 0,8 |
| St.Dev 2 265 89 | 7,0 | 0,5 | 0,1 | 0,152 | ~0.0 | | ~0.0 | ~0.0 | ~0.0 | 0,0 | 0,0 | ~0.0 | 0,0 | ~0.0 | ~1 | ~1 | 0,3 | ~0.0 | ~0.3 |
| Count 2 2 2 | 2 | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

miss(2) ! Missing value

| Analytical lab. => | NIVA | | | | |
|-----------------------|--------------------------|-------|------|-------|-------|
| Analysis code => | 341 Calc 341 341 341 | | | | |
| Detection limit => | 0.05 0.05 0.05 0.05 0.05 | | | | |
| Sam;Sex Age Wght Lngt | HCHG | HC Σ2 | HCB | QCB | OCS |
| rep F/M year g mm | ppb | ppb | ppb | ppb | ppb |
| no. | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F 8 693 447 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 2/1 F 5 318 321 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| Mean 6 505 384 | <<0.1 | <<0.1 | 0,0 | <<0.0 | <<0.0 |
| Minimum 5 318 321 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| Maximum 8 693 447 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev 2 265 89 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count 2 2 2 | 2 | 2 | 2 | 2 | 2 |

miss(2) ! Missing value

Comments

Station: Strandebrarm Fish no 1,2,3,4,5,7,8,9,sampled between 15/11-23/12-2004
 Fish no 6,10 sampled 5/2-2005

sample no.

- Bulk of NIVA no 1,2,3,4,5 Age uncertain no4 Liver with necrotic areas and/or discolouration no 3,4,5 Signs of mechanical damage (e.g., net wounds) no 3,4,5 Skin with metacercariae of cf. Cryptocotyle lingua no3,5
- Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6 Skin with metacercariae of cf. Cryptocotyle lingua n7,8,9,10 Liver with necrotic areas and/or discolouration no 7 Signs of mechanical damage (e.g., net wounds) no 7

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20060201** Count: 25 Sample type: **Individual**

Comments

Station: Strandebarm Fish sampled i jan./febr.2006

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 101,39g
- 2 Bulk of NIVA no 6,7,8,9,10 Skin with metacercariae of cf. *Cryptocotyle lingua* no7,8,9
Bulk part sample = 101,68g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20060201** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | 0.05 | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 994 | 493 | 19,0 | 0,1 | 0,411 | <0.05 | <0.05 | 0,06 | <0.05 | 0,06 | 0,1 | 0,20 | <0.05 | 0,06 | <0.05 | <1 | <1 | 0,57 | 0,23 | <0.08 | | |
| 2/1 | F | 10 | 617 | 436 | 20,0 | 0,2 | 0,189 | <0.05 | <0.05 | s0.07 | <0.05 | 0,08 | 0,12 | 0,28 | <0.05 | 0,08 | <0.05 | s<1 | s<1 | 0,63 | 0,22 | <0.08 | | |
| 3/1 | F | 7 | 458 | 378 | 21,0 | 0,3 | 0,082 | <0.05 | 0,1 | 0,29 | 0,18 | 0,27 | 0,26 | 0,29 | <0.05 | 0,11 | <0.05 | <1 | <2 | 0,35 | 0,15 | <0.08 | | |
| 4/1 | X | 6 | 275 | 319 | 20,0 | 0,3 | 0,096 | <0.05 | 0,06 | 0,06 | <0.05 | 0,08 | 0,12 | 0,20 | <0.05 | 0,06 | <0.05 | <1 | <1 | 0,57 | 0,22 | <0.08 | | |
| 5/1 | X | 5 | 186 | 286 | 19,0 | 0,3 | 0,083 | <0.05 | 0,06 | 0,09 | <0.05 | 0,09 | 0,15 | 0,21 | <0.05 | 0,05 | <0.05 | <1 | <1 | 0,63 | 0,24 | <0.08 | | |
| Mean | | 7 | 506 | 382 | 19,8 | 0,3 | 0,172 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,1 | 0,2 | 0,2 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,6 | 0,2 | <<0.1 | | |
| Minimum | | 5 | 186 | 286 | 19,0 | 0,1 | 0,082 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,1 | 0,2 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | 0,2 | <0.1 | | |
| Maximum | | 10 | 994 | 493 | 21,0 | 0,3 | 0,411 | <0.1 | 0,1 | 0,3 | 0,2 | 0,3 | 0,3 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <2 | 0,6 | 0,2 | <0.1 | | |
| St.Dev | | 2 | 320 | 84 | 0,8 | 0,1 | 0,141 | ~0.0 | ~0.0 | 0,1 | ~0.1 | 0,1 | 0,1 | 0,0 | ~0.0 | 0,0 | ~0.0 | ~0 | ~1 | 0,1 | 0,0 | ~0.0 | | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | | |

| Analytical lab. => | | | | NIVA | | | | | | |
|--------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 | | | | | | |
| Detection limit => | | | | 0.05 | | | | | | |
| Sam | Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 994 | 493 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 2/1 | F | 10 | 617 | 436 | <0.05 | <0.05 | <0.1 | 0,03 | <0.03 | <0.05 |
| 3/1 | F | 7 | 458 | 378 | <0.05 | <0.05 | <0.1 | 0,04 | <0.03 | <0.05 |
| 4/1 | X | 6 | 275 | 319 | <0.05 | <0.05 | <0.1 | 0,04 | <0.03 | <0.05 |
| 5/1 | X | 5 | 186 | 286 | <0.05 | <0.05 | <0.1 | 0,04 | <0.03 | <0.05 |
| Mean | | 7 | 506 | 382 | <<0.1 | <<0.1 | <<0.1 | <0.0 | <<0.0 | <<0.1 |
| Minimum | | 5 | 186 | 286 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 |
| Maximum | | 10 | 994 | 493 | <0.1 | <0.1 | <0.1 | 0,0 | <0.0 | <0.1 |
| St.Dev | | 2 | 320 | 84 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

s/q(3) ! Suspect value

Comments

Station: Strandebarm Fish sampled i jan./febr.2006

sample no.

- Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 101,39g
- Bulk of NIVA no 6,7,8,9,10 Skin with metacercariae of cf. Cryptocotyle lingua no7,8,9 Bulk part sample = 101,68g
- Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 103,56g
- Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 104g
- Bulk of NIVA no 21,22,23,24,25 Liver with necrotic areas and/or discolouration no24 Liver absent no24 Bulk part sample = 101,8g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
Locality : **67F Strandebarms area** Latitude: 60°16.0N Longitude: 6°2.0E
Catch,date : **20061106** Count: 19 Sample type: **Individual**

Comments

Station: Strandebarms area Fish sampled 6.-12.nov.2006 no 3,4,9,12,13,14,17,18,19
Fish sampled in beg. Of jan.2007 no 1,2,5,6,7,8,10,11,15,16

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no5 Skin with metacercariae of cf. *Cryptocotyle lingua* 2,3,4,5
Liver with necrotic areas and/or discolouration no 2,4,5 Signs of mechanical damage (e.g., net wounds) no 2,4,5
Liver absent no 4 Bulk part sample = 102,64g
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6,9,10 Skin with metacercariae of cf. *Cryptocotyle lingua* 7,8,9,10
Bacterial fin rot no 7 Bulk part sample = 101,57g
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 11 Skin with metacercariae of cf. *Cryptocotyle lingua*
Fish no 12,13,14,15 Bulk part sample = 101,5g
- 4 Bulk of NIVA no 16,17,18,19 Skin with metacercariae of cf. *Cryptocotyle lingua* no 18,19
Liver with necrotic areas and/or discolouration no 16,19 Signs of mechanical damage (e.g., net wounds) no 16,19
Liver absent no 19 Part bulk sample = 80,97g
- 5 ! Part sample = 20,53g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
 Sample area: **J62 Hardangerfjorden** Tissue: MUSCLE
 Locality : **67F Strandebarm area** Latitude: 60°16.0N Longitude: 6°2.0E
 Catch,date : **20061106** Count: 19 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngr | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 962 | 476 | 19,0 | 0,3 | 0,260 | <0.05 | <0.15 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0,09 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0,26 | <0.2 | <0.1 | |
| 2/1 | F | 7 | 621 | 402 | 20,0 | 0,3 | 0,145 | <0.05 | <0.15 | <0.05 | 0,06 | <0.05 | 0,08 | 0,13 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0,36 | 0,25 | <0.1 | | |
| 3/1 | F | 6 | 325 | 342 | 21,0 | 0,5 | 0,080 | <0.05 | <0.15 | 0,05 | 0,06 | 0,06 | 0,09 | 0,15 | <0.05 | <0.05 | <0.05 | <1 | <1 | 0,38 | 0,29 | <0.1 | | |
| 4/1 | F | 4 | 184 | 274 | 23,0 | 1,2 | 0,063 | <0.05 | <0.15 | 0,29 | 0,07 | 0,26 | 0,48 | 0,73 | <0.05 | 0,15 | <0.05 | <2 | <2 | 2,3 | 0,89 | 0,43 | | |
| Mean | | 7 | 523 | 373 | 20,8 | 0,6 | 0,137 | <<0.1 | <<0.2 | <<0.1 | <0.1 | <<0.1 | <0.2 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<1 | <<1 | 0,8 | <0.4 | <<0.2 | | |
| Minimum | | 4 | 184 | 274 | 19,0 | 0,3 | 0,063 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,3 | <0.2 | <0.1 | | |
| Maximum | | 9 | 962 | 476 | 23,0 | 1,2 | 0,260 | <0.1 | <0.2 | 0,3 | 0,1 | 0,3 | 0,5 | 0,7 | <0.1 | 0,2 | <0.1 | <2 | <2 | 2,3 | 0,9 | 0,4 | | |
| St.Dev | | 2 | 345 | 86 | 1,7 | 0,4 | 0,089 | ~0.0 | ~0.0 | ~0.1 | ~0.0 | ~0.1 | ~0.2 | 0,3 | ~0.0 | ~0.1 | ~0.0 | ~1 | ~1 | 1,0 | ~0.3 | ~0.2 | | |
| Count | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |

| Analytical lab. => | | | | NIVA | | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | | | 341 341 Calc 341 341 341 | | | | | | |
| Detection limit => | | | | 0.05 0.05 0.03 0.03 0.05 | | | | | | |
| Sam | Sex | Age | Wght | Lngr | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 962 | 476 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 2/1 | F | 7 | 621 | 402 | <0.05 | <0.05 | <0.1 | <0.03 | <0.03 | <0.05 |
| 3/1 | F | 6 | 325 | 342 | <0.05 | <0.05 | <0.1 | 0.03 | <0.03 | <0.05 |
| 4/1 | F | 4 | 184 | 274 | <0.05 | <0.05 | <0.1 | 0.09 | <0.03 | <0.05 |
| Mean | | 7 | 523 | 373 | <<0.1 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.1 |
| Minimum | | 4 | 184 | 274 | <0.1 | <0.1 | <0.1 | <0.0 | <0.0 | <0.1 |
| Maximum | | 9 | 962 | 476 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 2 | 345 | 86 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

Comments

Station: Strandebarm area Fish sampled 6.-12.nov.2006 no 3,4,9,12,13,14,17,18,19
 Fish sampled in beg. Of jan.2007 no 1,2,5,6,7,8,10,11,15,16
 sample no.
 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no5 Skin with metacercariae of cf. *Cryptocotyle lingua* 2,3,4,5
 Liver with necrotic areas and/or discolouration no 2,4,5 Signs of mechanical damage (e.g., net wounds) no 2,4,5
 Liver absent no 4 Bulk part sample = 102,64g
 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain no 6,9,10 Skin with metacercariae of cf. *Cryptocotyle lingua* 7,8,9,10
 Bacterial fin rot no 7 Bulk part sample = 101,57g
 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain no 11 Skin with metacercariae of cf. *Cryptocotyle lingua*
 Fish no 12,13,14,15 Bulk part sample = 101,5g
 4 Bulk of NIVA no 16,17,18,19 Skin with metacercariae of cf. *Cryptocotyle lingua* no 18,19
 Liver with necrotic areas and/or discolouration no 16,19 Signs of mechanical damage (e.g., net wounds) no 16,19
 Liver absent no 19 Part bulk sample = 80,97g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20040117** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord fish sampled between 10.-17.jan2004

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua* n.1,3
Liver a/o intestinal guts with larvae of *Anisakis simplex* 4
- 2 Bulk of NIVA no 6,7,8,9,10 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua* no7
- 3 Bulk of NIVA no 11,12,13,14,15 Liver with necrotic areas and/or discolouration no11
Signs of mechanical damage (e.g., net wounds) no 11
- 4 Bulk of NIVA no 16,17,18,19,20

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20040117** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | NIVA | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|---|------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code => | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | Mean | | | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 902 | 483 | 20,3 | 19,6 | 0,3 | 0,288 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0,1 | 0,20 | <0.05 | 0,06 | <0.05 | <0 | <0 | 0,22 | <0.07 | <0.3 |
| 2/1 | F | 9 | 782 | 457 | 20,2 | 20,2 | 0,3 | 0,115 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0,08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0,14 | <0.07 | <0.2 | |
| 3/1 | F | 9 | 664 | 434 | 20,6 | 19,9 | 0,4 | 0,180 | <0.05 | 0,05 | 0,10 | 0,06 | 0,13 | 0,25 | 0,61 | <0.05 | 0,16 | <0.05 | <1 | <1 | 0,50 | 0,09 | 0,6 | |
| 4/1 | F | 8 | 566 | 415 | 20,5 | 20,3 | 0,3 | 0,122 | <0.05 | <0.05 | 0,06 | <0.05 | <0.05 | 0,11 | 0,18 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0,31 | <0.07 | <0.4 | |
| 5/1 | F | 6 | 347 | 356 | 20,5 | 20,8 | 0,4 | 0,071 | <0.05 | <0.05 | 0,06 | <0.05 | <0.05 | 0,09 | 0,15 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0,27 | <0.07 | <0.3 | |
| Mean | | 8 | 652 | 429 | 20,4 | 20,2 | 0,3 | 0,155 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <0.1 | 0,2 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,3 | <<0.1 | <<0.4 |
| Minimum | | 6 | 347 | 356 | 20,2 | 19,6 | 0,3 | 0,071 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | <0.1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 |
| Maximum | | 9 | 902 | 483 | 20,6 | 20,8 | 0,4 | 0,288 | <0.1 | 0,1 | 0,1 | 0,1 | 0,1 | 0,3 | 0,6 | <0.1 | 0,2 | <0.1 | <1 | <1 | 0,5 | 0,1 | 0,6 | |
| St.Dev | | 1 | 212 | 48 | 0,2 | 0,5 | 0,1 | 0,084 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.2 | |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | NIVA | | | | | | | |
|--------------------|-----|----------------------|------|------|-------|-------|-------|-------|-------|
| Analysis code => | | 341 Calc 341 341 341 | | | | | | | |
| Detection limit => | | 0.05 | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | F | 9 | 902 | 483 | <0.05 | <0.1 | 0,03 | <0.03 | <0.03 |
| 2/1 | F | 9 | 782 | 457 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 3/1 | F | 9 | 664 | 434 | <0.05 | <0.1 | 0,04 | <0.03 | <0.03 |
| 4/1 | F | 8 | 566 | 415 | <0.05 | <0.1 | 0,05 | <0.03 | <0.03 |
| 5/1 | F | 6 | 347 | 356 | <0.05 | <0.1 | 0,05 | <0.03 | <0.03 |
| Mean | | 8 | 652 | 429 | <<0.1 | <<0.1 | <0.0 | <<0.0 | <<0.0 |
| Minimum | | 6 | 347 | 356 | <0.1 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | | 9 | 902 | 483 | <0.1 | <0.1 | 0,1 | <0.0 | <0.0 |
| St.Dev | | 1 | 212 | 48 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrefjord fish sampled between 10.-17.jan2004

sample no.

- Bulk of NIVA no 1,2,3,4,5 Skin with metacercariae of cf. *Cryptocotyle lingua* n.1,3
Liver a/o intestinal guts with larvae of *Anisakis simplex* 4
- Bulk of NIVA no 6,7,8,9,10 Age uncertain Skin with metacercariae of cf. *Cryptocotyle lingua* no7
- Bulk of NIVA no 11,12,13,14,15 Liver with necrotic areas and/or discolouration no11
Signs of mechanical damage (e.g., net wounds) no 11
- Bulk of NIVA no 16,17,18,19,20
- Bulk of NIVA no 21,22,23,24,25 Fish no 24 no liver

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20041231** Count: 25 Sample type: **Individual**

Comments

Station: Åkrefjord Fished in dec.

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts wi. larvae of Anisakis simpl.no1,2
Liver with necrotic areas and/or discolouration no5 Signs of mechanical damage (e.g., net wounds) no5
- 2 Bulk of NIVA no 6,7,8,9,10
- 3 Bulk of NIVA no 11,12,13,14,15 Age uncertain 13,14 Liver a/o intestinal guts with larvae of Anisakis simpl.no14
- 4 Bulk of NIVA no 16,17,18,19,20
- 5 Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20041231** Count: 25 Sample type: **Bulked**

| Analytical lab. => | | NIVA | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------|---|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | Mean | | | | | | | | | | | | | | | | | | | | | |
| Sam:Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | TDEPP | DD_Σ4 | |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1015 | 491 | 20,4 | 20,5 | 0,3 | 0.307 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.10 | 0.12 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.11 | <0.05 | <0.2 |
| 2/1 F | 9 | 924 | 462 | 20,3 | 20,4 | 0,2 | 0.190 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.13 | <0.05 | <0.2 |
| 3/1 F | 8 | 742 | 443 | 20,7 | 19,5 | 0,3 | 0.226 | <0.05 | <0.05 | 0.08 | <0.05 | 0.13 | 0.17 | 0.50 | <0.05 | 0.15 | <0.05 | <1 | <1 | 0.51 | <0.05 | <0.6 | |
| 4/1 F | 8 | 554 | 408 | 20,5 | 19,9 | 0,3 | 0.148 | <0.05 | 0.06 | 0.13 | 0.05 | 0.16 | 0.27 | 0.50 | <0.05 | 0.12 | <0.05 | <1 | <1 | 0.68 | 0.06 | 0.7 | |
| 5/1 X | 6 | 322 | 329 | 20,9 | 21,1 | 0,2 | 0.091 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.09 | 0.08 | <0.05 | <0.05 | <0.05 | <0 | <0 | 0.15 | <0.05 | <0.2 | |
| Mean | 8 | 711 | 427 | 20,6 | 20,3 | 0,2 | 0.192 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | <<0.1 | 0,1 | 0,3 | <<0.1 | <<0.1 | <<0.1 | <<0 | <<0 | 0,3 | <<0.1 | <<0.4 | |
| Minimum | 6 | 322 | 329 | 20,3 | 19,5 | 0,2 | 0.091 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0,1 | 0,1 | <0.1 | <0.1 | <0.1 | <0 | <0 | 0,1 | <0.1 | <0.2 | |
| Maximum | 10 | 1015 | 491 | 20,9 | 21,1 | 0,3 | 0.307 | <0.1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,3 | 0,5 | <0.1 | 0,2 | <0.1 | <1 | <1 | 0,7 | 0,1 | 0,7 | |
| St.Dev | 2 | 281 | 62 | 0,2 | 0,6 | 0,1 | 0,081 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.1 | 0,1 | 0,2 | ~0.0 | ~0.0 | ~0.0 | ~1 | ~1 | 0,3 | ~0.0 | ~0.2 | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. => | | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|--------------------|------|------|------|-------|-------|-------|-------|-------|
| Analysis code => | | 341 | Calc | 341 | 341 | 341 | | |
| Detection limit => | | 0.05 | | 0.05 | 0.05 | 0.05 | | |
| Sam:Sex | Age | Wght | Lngt | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 10 | 1015 | 491 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 2/1 F | 9 | 924 | 462 | <0.05 | <0.1 | <0.03 | <0.03 | <0.03 |
| 3/1 F | 8 | 742 | 443 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| 4/1 F | 8 | 554 | 408 | <0.05 | <0.1 | 0.04 | <0.03 | <0.03 |
| 5/1 X | 6 | 322 | 329 | <0.05 | <0.1 | 0.03 | <0.03 | <0.03 |
| Mean | 8 | 711 | 427 | <<0.1 | <<0.1 | <<0.0 | <<0.0 | <<0.0 |
| Minimum | 6 | 322 | 329 | <0.1 | <0.1 | <0.0 | <0.0 | <0.0 |
| Maximum | 10 | 1015 | 491 | <0.1 | <0.1 | 0,0 | <0.0 | <0.0 |
| St.Dev | 2 | 281 | 62 | ~0.0 | ~0.0 | ~0.0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrefjord Fished in dec.

sample no.

- Bulk of NIVA no 1,2,3,4,5 Liver a/o intestinal guts wi. larvae of Anisakis simpl.no1,2
Liver with necrotic areas and/or discolouration no5 Signs of mechanical damage (e.g., net wounds) no5
- Bulk of NIVA no 6,7,8,9,10
- Bulk of NIVA no 11,12,13,14,15 Age uncertain 13,14 Liver a/o intestinal guts with larvae of Anisakis simpl.no14
- Bulk of NIVA no 16,17,18,19,20
- Bulk of NIVA no 21,22,23,24,25

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20051031** Count: 25 Sample type: **Individual**

Comments

Station: Åkrafjord Fish sampled in oct.2005
Frozen fish was 1 week in 4degr C before it arrivaid NIVA

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 101,49g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 107,74g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 101,6g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 103,2g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 103g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20051031** Count: 25 Sample type: **Bulked**

| Analytical lab. | => | NIVA | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|---|------|--------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analysis code | => | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 340 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit | => | Mean | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | | |
| Sam;Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP |
| rep F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | % | % | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 2 | 850 | 471 | 19,0 | 0,2 | 0.251 | <0.05 | 0.05 | 0.15 | 0.09 | 0.23 | 0.31 | 0.51 | <0.05 | 0.12 | <0.05 | <1 | <2 | 0.62 | <0.15 | <0.08 | |
| 2/1 F | 2 | 651 | 441 | 20,0 | 0,3 | 0.223 | <0.05 | <0.05 | 0.07 | <0.05 | 0.13 | 0.21 | 0.33 | <0.05 | 0.11 | <0.05 | <1 | <1 | 0.39 | <0.15 | <0.08 | |
| 3/1 F | 3 | 550 | 419 | 21,0 | 0,4 | 0.192 | <0.05 | <0.05 | 0.14 | 0.08 | 0.20 | 0.32 | 0.54 | <0.05 | 0.15 | <0.05 | <1 | <1 | 0.69 | <0.15 | <0.08 | |
| 4/1 F | 2 | 482 | 399 | 20,0 | 0,3 | 0.172 | <0.05 | <0.05 | 0.07 | <0.05 | 0.10 | 0.18 | 0.27 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.38 | <0.15 | <0.08 | |
| 5/1 X | 2 | 346 | 344 | 21,0 | 0,5 | 0.121 | <0.05 | <0.05 | 0.10 | 0.05 | 0.16 | 0.25 | 0.42 | <0.05 | 0.13 | <0.05 | <1 | <1 | 0.60 | <0.15 | <0.08 | |
| Mean | 2 | 576 | 415 | 20,2 | 0,3 | 0.192 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,2 | 0,3 | 0,4 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,5 | <<0.2 | <<0.1 | |
| Minimum | 2 | 346 | 344 | 19,0 | 0,2 | 0.121 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,4 | <0.2 | <0.1 | |
| Maximum | 3 | 850 | 471 | 21,0 | 0,5 | 0.251 | <0.1 | 0,1 | 0,2 | 0,1 | 0,2 | 0,3 | 0,5 | <0.1 | 0,2 | <0.1 | <1 | <2 | 0,7 | <0.2 | <0.1 | |
| St.Dev | 0 | 189 | 48 | 0,8 | 0,1 | 0,050 | ~0.0 | ~0.0 | 0,0 | ~0.0 | 0,1 | 0,1 | 0,1 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,1 | ~0.0 | ~0.0 | |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| Analytical lab. | => | NIVA | NIVA | NIVA | NIVA | NIVA | NIVA | | |
|-----------------|------|------|------|-------|-------|-------|------|-------|-------|
| Analysis code | => | 341 | 341 | Calc | 341 | 341 | 341 | | |
| Detection limit | => | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | | |
| Sam;Sex | Age | Wght | Lngt | HCHA | HCHG | HC_Σ2 | HCB | QCB | OCS |
| rep F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 F | 2 | 850 | 471 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 2/1 F | 2 | 651 | 441 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 3/1 F | 3 | 550 | 419 | <0.05 | <0.05 | <0.1 | 0.08 | <0.03 | <0.05 |
| 4/1 F | 2 | 482 | 399 | <0.05 | <0.05 | <0.1 | 0.07 | <0.03 | <0.05 |
| 5/1 X | 2 | 346 | 344 | <0.05 | <0.05 | <0.1 | 0.1 | <0.03 | <0.05 |
| Mean | 2 | 576 | 415 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | 2 | 346 | 344 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | 3 | 850 | 471 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | 0 | 189 | 48 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Comments

Station: Åkrafjord Fish sampled in oct.2005
 Frozen fish was 1 week in 4degr C before it arrivaid NIVA

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Bulk part sample = 101,49g
- 2 Bulk of NIVA no 6,7,8,9,10 Bulk part sample = 107,74g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 101,6g
- 4 Bulk of NIVA no 16,17,18,19,20 Bulk part sample = 103,2g
- 5 Bulk of NIVA no 21,22,23,24,25 Bulk part sample = 103g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** Lepidorhombus whiffiagonis GB: Megrin, N: Glassvar
Sample area: **J99 Undefined** Tissue: MUSCLE
Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
Catch,date : **20070101** Count: 15 Sample type: **Individual**

Comments

Station: Åkrafjord Sampled in jan 07 at 10-30m depth

sample no.

- 1 Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,2,3
Bulk part sample = 101,5g
- 2 Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of Anisakis simplex 6
Age uncertain no 7,9 Bulk part sample = 102,85g
- 3 Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 102,95g
- 4 ! Age uncertain Part sample = 20,03g
- 5 !Age uncertain Part sample = 20,13g

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

Species : **LEPI WHI** *Lepidorhombus whiffiagonis* GB: Megrin, N: Glassvar
 Sample area: **J99 Undefined** Tissue: MUSCLE
 Locality : **21F Åkrafjord** Latitude: 59°45.0N Longitude: 6°7.0E
 Catch,date : **20070101** Count: 15 Sample type: **Bulked**

| Analytical lab. => | | | | NIVA | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|---|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analysis code => | | | | 310 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 341 | | | | | | | | | | | | | | | | | | | | |
| Detection limit => | | | | Mean | | | | | | | | | | | | | | | | | | | | |
| Sam | Sex | Age | Wght | Lngt | weight | Dry | Fat | HG | CB28 | CB52 | CB101 | CB105 | CB118 | CB138 | CB153 | CB156 | CB180 | CB209 | CB_Σ7 | CB_ΣΣ | DDEPP | DDTPP | TDEPP | |
| rep | F/M | year | g | mm | g | % | % | ppm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 7 | 1015 | 515 | 20,3 | 2,4 | 0,3 | 0.234 | <0.05 | <0.05 | 0.07 | <0.05 | 0.12 | 0.22 | 0.38 | <0.05 | 0.09 | <0.05 | <1 | <1 | 0.38 | <0.2 | <0.1 | |
| 2/1 | X | 8 | 770 | 467 | 20,6 | 2,2 | 0,3 | 0.215 | <0.05 | <0.05 | 0.06 | <0.05 | 0.07 | 0.15 | 0.29 | <0.05 | 0.06 | 0.05 | <1 | <1 | 0.28 | <0.2 | <0.1 | |
| 3/1 | F | 6 | 490 | 400 | 20,6 | 2,3 | 0,4 | 0.176 | <0.05 | <0.05 | 0.12 | 0.06 | 0.23 | 0.32 | 0.56 | <0.05 | 0.14 | <0.05 | <1 | <1 | 0.60 | <0.2 | <0.1 | |
| Mean | | 7 | 758 | 461 | 20,5 | 2,3 | 0,3 | 0.208 | <<0.1 | <<0.1 | 0,1 | <<0.1 | 0,1 | 0,2 | 0,4 | <<0.1 | 0,1 | <<0.1 | <<1 | <<1 | 0,4 | <<0.2 | <<0.1 | |
| Minimum | | 6 | 490 | 400 | 20,3 | 2,2 | 0,3 | 0.176 | <0.1 | <0.1 | 0,1 | <0.1 | 0,1 | 0,2 | 0,3 | <0.1 | 0,1 | <0.1 | <1 | <1 | 0,3 | <0.2 | <0.1 | |
| Maximum | | 8 | 1015 | 515 | 20,6 | 2,4 | 0,4 | 0.234 | <0.1 | <0.1 | 0,1 | 0,1 | 0,2 | 0,3 | 0,6 | <0.1 | 0,1 | 0,1 | <1 | <1 | 0,6 | <0.2 | <0.1 | |
| St.Dev | | 1 | 262 | 58 | 0,2 | 0,1 | 0,1 | 0,030 | ~0.0 | ~0.0 | 0,0 | ~0.0 | 0,1 | 0,1 | 0,1 | ~0.0 | 0,0 | ~0.0 | ~0 | ~0 | 0,2 | ~0.0 | ~0.0 | |
| Count | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |

| Analytical lab. => | | | | NIVA | | | | | | |
|--------------------|-----|------|------|--------------------------|-------|-------|-------|------|-------|-------|
| Analysis code => | | | | 341 341 Calc 341 341 341 | | | | | | |
| Detection limit => | | | | 0.05 0.05 0.03 0.03 0.05 | | | | | | |
| Sam | Sex | Age | Wght | Lngt | HCHA | HCHG | HC Σ2 | HCB | QCB | OCS |
| rep | F/M | year | g | mm | ppb | ppb | ppb | ppb | ppb | ppb |
| no. | | | | | w.wt | w.wt | w.wt | w.wt | w.wt | w.wt |
| 1/1 | X | 7 | 1015 | 515 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 2/1 | X | 8 | 770 | 467 | <0.05 | <0.05 | <0.1 | 0.06 | <0.03 | <0.05 |
| 3/1 | F | 6 | 490 | 400 | <0.05 | <0.05 | <0.1 | 0.05 | <0.03 | <0.05 |
| Mean | | 7 | 758 | 461 | <<0.1 | <<0.1 | <<0.1 | 0,1 | <<0.0 | <<0.1 |
| Minimum | | 6 | 490 | 400 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| Maximum | | 8 | 1015 | 515 | <0.1 | <0.1 | <0.1 | 0,1 | <0.0 | <0.1 |
| St.Dev | | 1 | 262 | 58 | ~0.0 | ~0.0 | ~0.0 | 0,0 | ~0.0 | ~0.0 |
| Count | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

Comments

Station: Åkrafjord Sampled in jan 07 at 10-30m depth

sample no.

- Bulk of NIVA no 1,2,3,4,5 Age uncertain no 1,2,3
Bulk part sample = 101,5g
- Bulk of NIVA no 6,7,8,9,10 Liver a/or intestinal guts with larvae of *Anisakis simplex* 6
Age uncertain no 7,9 Bulk part sample = 102,85g
- Bulk of NIVA no 11,12,13,14,15 Bulk part sample = 102,95g

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| <u>NIVA</u> | |
|-------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| 160 | |
| 92 | |
| 290 | |
| 180 | |
| 150 | |
| 160 | |
| 130 | |
| 260 | |
| 230 | |
| 200 | |
| 240 | |
| 150 | |
| 190 | |
| 170 | |
| 170 | |
| 450 | |
| 210 | |
| 220 | |
| 290 | |
| 120 | |
| 200 | |
| 94 | |
| 170 | |
| 120 | |
| 280 | |
| 197,0 | |
| 92,0 | |
| 450,0 | |
| 77,3 | |
| 25 | |

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| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 240 | |
| 220 | |
| 110 | |
| 190 | |
| 730 | |
| 170 | |
| 570 | |
| 73 | |
| 320 | |
| 240 | |
| 380 | |
| 59 | |
| 200 | |
| 170 | |
| 260 | |
| 270 | |
| 190 | |
| 370 | |
| 460 | |
| 740 | |
| 320 | |
| 300 | |
| 180 | |
| 220 | |
| 340 | |
| <u>292,9</u> | |
| 59,0 | |
| 740,0 | |
| 175,6 | |
| <u>25</u> | |

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 110 | |
| 150 | |
| 220 | |
| 160 | |
| 160 | |
| 180 | |
| 140 | |
| 360 | |
| 340 | |
| 400 | |
| 210 | |
| 400 | |
| 210 | |
| 110 | |
| 280 | |
| 98 | |
| 140 | |
| 230 | |
| 590 | |
| 220 | |
| 350 | |
| 170 | |
| 240 | |
| 190 | |
| 140 | |
| <u>231,9</u> | |
| 98,0 | |
| 590,0 | |
| 117,0 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 510 | |
| 200 | |
| 840 | |
| 390 | |
| 200 | |
| 280 | |
| 260 | |
| 520 | |
| 260 | |
| 150 | |
| 1000 | |
| 310 | |
| 240 | |
| 200 | |
| 310 | |
| 220 | |
| 20 | |
| 380 | |
| 74 | |
| 360 | |
| 290 | |
| 68 | |
| 230 | |
| 240 | |
| 96 | |
| <u>305,9</u> | |
| 20,0 | |
| 1000 | |
| 222,8 | |
| <u>25</u> | |

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NIVA
730

BDE153
ppb
w.wt
0.10
0.09
0.97
<0.05
<0.04
0.27
0.37
<0.2
<0.05
0.04
0.21
0.41
0.15
0.04
0.30
0.09
miss
0.08
<0.04
0.06
0.11
0.07
0.27
0.13
0.06
<0.18
<0.04
0,97
~0.20

24

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 920 | |
| 390 | |
| 160 | |
| 140 | |
| 350 | |
| 170 | |
| 110 | |
| 160 | |
| 3.9 | |
| 26 | |
| 190 | |
| 64 | |
| 130 | |
| 540 | |
| 190 | |
| 220 | |
| 130 | |
| 310 | |
| 220 | |
| 120 | |
| 240 | |
| 260 | |
| 100 | |
| 200 | |
| 210 | |
| <u>222,2</u> | |
| 3,9 | |
| 920,0 | |
| 185,7 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

NIVA
730

BDE153
ppb
w.wt
1.9
0.15
0.08
0.08
<0.05
0.15
<0.05
0.17
miss
miss
1.2
miss
0.17
1.2
<0.05
<0.05
0.1
0.08
0.05
miss
1.1
0.13
<0.05
0.09
0.09
<0.33
<0.05
1,90
~0.53

21

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| <u>DDEPP</u> | |
| <u>ppb</u> | |
| <u>w.wt</u> | |
| 28 | |
| 36 | |
| 26 | |
| 42 | |
| 2.6 | |
| 49 | |
| 36 | |
| 44 | |
| 38 | |
| 28 | |
| 40 | |
| 36 | |
| 44 | |
| 9.5 | |
| 62 | |
| 49 | |
| 54 | |
| 51 | |
| 25 | |
| 45 | |
| 39 | |
| 33 | |
| 49 | |
| 63 | |
| 35 | |
| 38,6 | |
| 2,6 | |
| 63,0 | |
| 14,1 | |
| 25 | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 72 | |
| 40 | |
| 74 | |
| 86 | |
| 61 | |
| 82 | |
| 45 | |
| 62 | |
| 41 | |
| 45 | |
| 25 | |
| 23 | |
| 26 | |
| 28 | |
| 32 | |
| 29 | |
| 57 | |
| 1.9 | |
| 32 | |
| 19 | |
| 200 | |
| 18 | |
| 31 | |
| 28 | |
| 27 | |
| <u>47,4</u> | |
| 1,9 | |
| 200,0 | |
| 38,4 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 30 | |
| 23 | |
| 27 | |
| 29 | |
| 23 | |
| 27 | |
| 39 | |
| 22 | |
| 33 | |
| 34 | |
| 22 | |
| 38 | |
| 73 | |
| 49 | |
| 70 | |
| 14 | |
| 64 | |
| 33 | |
| 51 | |
| 33 | |
| 35 | |
| 38 | |
| 53 | |
| 80 | |
| 89 | |
| 41,2 | |
| 14,0 | |
| 89,0 | |
| 20,0 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 11 | |
| 180 | |
| 140 | |
| 9.6 | |
| 120 | |
| 33 | |
| 55 | |
| 49 | |
| 52 | |
| 48 | |
| 34 | |
| 25 | |
| 26 | |
| 68 | |
| 36 | |
| 40 | |
| 34 | |
| 36 | |
| 230 | |
| 30 | |
| 35 | |
| 140 | |
| 51 | |
| 92 | |
| 31 | |
| <u>64,2</u> | |
| 9,6 | |
| 230,0 | |
| 55,6 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 96 | |
| 86 | |
| 63 | |
| 61 | |
| 66 | |
| 160 | |
| 93 | |
| 78 | |
| 18 | |
| 4.4 | |
| 110 | |
| 59 | |
| 26 | |
| 20 | |
| 5.6 | |
| 94 | |
| 36 | |
| 20 | |
| 64 | |
| 38 | |
| 46 | |
| 53 | |
| 7.4 | |
| 36 | |
| 66 | |
| <u>56,3</u> | |
| 4,4 | |
| 160,0 | |
| 37,4 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 150 | |
| 92 | |
| 91 | |
| 85 | |
| 71 | |
| 64 | |
| 66 | |
| 80 | |
| 40 | |
| 77 | |
| 96 | |
| 72 | |
| 150 | |
| 48 | |
| 41 | |
| 93 | |
| 85 | |
| 86 | |
| 68 | |
| 110 | |
| 120 | |
| 39 | |
| 78 | |
| 66 | |
| 35 | |
| <u>80,1</u> | |
| 35,0 | |
| 150,0 | |
| 30,2 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 36 | |
| 74 | |
| 170 | |
| 32 | |
| 81 | |
| 100 | |
| 81 | |
| 95 | |
| 110 | |
| 45 | |
| 62 | |
| 55 | |
| 18 | |
| 110 | |
| 74 | |
| 64 | |
| 25 | |
| 180 | |
| 56 | |
| 99 | |
| 100 | |
| 33 | |
| 69 | |
| 120 | |
| 110 | |
| <u>80,0</u> | |
| 18,0 | |
| 180,0 | |
| 41,0 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 50 | |
| 66 | |
| 9.9 | |
| 31 | |
| 30 | |
| 40 | |
| 66 | |
| 60 | |
| 38 | |
| 73 | |
| 29 | |
| 92 | |
| 53 | |
| 57 | |
| 31 | |
| 43 | |
| 73 | |
| 39 | |
| 27 | |
| 69 | |
| 59 | |
| 44 | |
| 73 | |
| 42 | |
| 58 | |
| <u>50,1</u> | |
| 9,9 | |
| 92,0 | |
| 19,1 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 54 | |
| 62 | |
| 80 | |
| 58 | |
| 42 | |
| 42 | |
| 41 | |
| 84 | |
| 43 | |
| 82 | |
| 260 | |
| 100 | |
| 20 | |
| 38 | |
| 140 | |
| 130 | |
| 53 | |
| 47 | |
| 49 | |
| 74 | |
| 72 | |
| 71 | |
| 53 | |
| 70 | |
| 40 | |
| <u>72,2</u> | |
| 20,0 | |
| 260,0 | |
| 48,1 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 95 | |
| 18 | |
| 23 | |
| 33 | |
| 54 | |
| 56 | |
| 64 | |
| 80 | |
| 20 | |
| 52 | |
| 47 | |
| 64 | |
| 23 | |
| 56 | |
| 51 | |
| 24 | |
| 73 | |
| 23 | |
| 28 | |
| 52 | |
| 23 | |
| 51 | |
| 56 | |
| 26 | |
| 54 | |
| <u>45,8</u> | |
| 18,0 | |
| 95,0 | |
| 20,9 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 170 | |
| 260 | |
| 200 | |
| 12 | |
| 77 | |
| 290 | |
| 320 | |
| 350 | |
| 270 | |
| 40 | |
| 11 | |
| 230 | |
| 72 | |
| 220 | |
| 150 | |
| 48 | |
| s420 | |
| 690 | |
| s720 | |
| s410 | |
| s310 | |
| 420 | |
| 32 | |
| 200 | |
| 40 | |
| <u>195,3</u> | |
| 11,0 | |
| 690,0 | |
| 166,0 | |
| <u>21</u> | |

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | ppb |
| 4 | 340 |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 370 | |
| 390 | |
| 640 | |
| 360 | |
| 110 | |
| 340 | |
| 470 | |
| 150 | |
| 140 | |
| 24 | |
| 430 | |
| 340 | |
| 390 | |
| 89 | |
| 43 | |
| miss | |
| 180 | |
| 61 | |
| 130 | |
| 24 | |
| miss | |
| 62 | |
| 24 | |
| 60 | |
| <u>miss</u> | |
| 219,4 | |
| 24,0 | |
| 640,0 | |
| 180,5 | |
| <u><u>22</u></u> | |

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| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 510 | |
| 440 | |
| 260 | |
| 470 | |
| 450 | |
| 95 | |
| 560 | |
| 250 | |
| 210 | |
| 330 | |
| 640 | |
| 330 | |
| 360 | |
| 160 | |
| 140 | |
| 300 | |
| 190 | |
| 480 | |
| 240 | |
| 240 | |
| 250 | |
| 290 | |
| 590 | |
| 450 | |
| 50 | |
| <u>331,4</u> | |
| 50,0 | |
| 640,0 | |
| 158,4 | |
| <u>25</u> | |

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| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| s1200 | |
| s120 | |
| 780 | |
| s1800 | |
| s1400 | |
| 740 | |
| s710 | |
| 160 | |
| 350 | |
| 130 | |
| 78 | |
| 220 | |
| 150 | |
| 180 | |
| 22 | |
| 150 | |
| 68 | |
| 180 | |
| 69 | |
| 680 | |
| 1400 | |
| 1000 | |
| 660 | |
| 830 | |
| 870 | |
| <u>435,9</u> | |
| 22,0 | |
| 1400 | |
| 397,3 | |
| <u>20</u> | |

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NIVA
730

BDE153
ppb
w.wt
<0.03
miss
<0.01
<0.03
<0.03
<0.02

<0.04
0.03
0.10
<0.03
0.04
<0.03
<<0.04
<0.01
0,10
~0.02
11

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <u>150</u> | |
| 320 | |
| 250 | |
| 220 | |
| 730 | |
| 79 | |
| 310 | |
| 190 | |
| 250 | |
| 530 | |
| 230 | |
| 330 | |
| 500 | |
| 270 | |
| 290 | |
| 250 | |
| 140 | |
| 170 | |
| 170 | |
| 170 | |
| 200 | |
| 47 | |
| 220 | |
| 130 | |
| 160 | |
| <u>252,2</u> | |
| 47,0 | |
| 730,0 | |
| 148,7 | |
| <u><u>25</u></u> | |

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NIVA
730

BDE153
ppb
w.wt
0.16
<0.05
0.06
miss
<0.05
<0.05
0.09
<0.05
0.08
<0.05
<0.05
<0.07
<0.06
0.11
0.08
<0.05
0.08
0.07
0.12
0.12
<0.05
<0.05
<0.05
0.1
0.1
<<0.08
<0.05
0,16
~0.03
24

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 68 | |
| 61 | |
| 77 | |
| 120 | |
| 95 | |
| 49 | |
| 60 | |
| 74 | |
| 190 | |
| 170 | |
| 240 | |
| 200 | |
| 290 | |
| 110 | |
| 39 | |
| 240 | |
| 95 | |
| 120 | |
| 210 | |
| 320 | |
| 120 | |
| 61 | |
| 65 | |
| 140 | |
| 49 | |
| <u>130,5</u> | |
| 39,0 | |
| 320,0 | |
| 80,5 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 50 | |
| 37 | |
| 57 | |
| 95 | |
| 100 | |
| 44 | |
| 92 | |
| 37 | |
| 51 | |
| 47 | |
| 89 | |
| 84 | |
| 61 | |
| 150 | |
| 110 | |
| 250 | |
| 170 | |
| 100 | |
| 54 | |
| 140 | |
| 67 | |
| 62 | |
| 310 | |
| 120 | |
| 190 | |
| <u>102,7</u> | |
| 37,0 | |
| 310,0 | |
| 68,1 | |
| <u>25</u> | |

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 88 | |
| 26 | |
| 170 | |
| 74 | |
| 53 | |
| 61 | |
| 82 | |
| 140 | |
| 62 | |
| 98 | |
| 25 | |
| 68 | |
| 170 | |
| 64 | |
| 67 | |
| 42 | |
| 87 | |
| 35 | |
| 130 | |
| 260 | |
| 58 | |
| 160 | |
| 130 | |
| 66 | |
| <u>330</u> | |
| 101,8 | |
| 25,0 | |
| 330,0 | |
| 72,7 | |
| <u><u>25</u></u> | |

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 67 | |
| 48 | |
| 42 | |
| 43 | |
| 92 | |
| 88 | |
| 120 | |
| 350 | |
| 91 | |
| 140 | |
| 33 | |
| 72 | |
| 130 | |
| 440 | |
| 110 | |
| 190 | |
| 210 | |
| 110 | |
| 160 | |
| 44 | |
| 160 | |
| 84 | |
| 63 | |
| 200 | |
| 110 | |
| <u>127,9</u> | |
| 33,0 | |
| 440,0 | |
| 95,7 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 73 | |
| 19 | |
| 25 | |
| 46 | |
| 15 | |
| 34 | |
| 21 | |
| 22 | |
| 25 | |
| 30 | |
| 30 | |
| 24 | |
| 26 | |
| 27 | |
| 56 | |
| 24 | |
| 150 | |
| 77 | |
| 51 | |
| 150 | |
| 100 | |
| 62 | |
| 82 | |
| 140 | |
| 80 | |
| 55,6 | |
| 15,0 | |
| 150,0 | |
| 41,7 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 35 | |
| 170 | |
| 27 | |
| 13 | |
| 36 | |
| 22 | |
| 23 | |
| 20 | |
| 31 | |
| 12 | |
| 46 | |
| 20 | |
| 24 | |
| 9.6 | |
| 18 | |
| 23 | |
| 36 | |
| 32 | |
| 29 | |
| 32 | |
| 35 | |
| 19 | |
| 24 | |
| 11 | |
| 73 | |
| <u>32,8</u> | |
| 9,6 | |
| 170,0 | |
| 31,4 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 69 | |
| 47 | |
| 66 | |
| 140 | |
| 15 | |
| 41 | |
| 46 | |
| 24 | |
| 37 | |
| 38 | |
| 20 | |
| 24 | |
| 79 | |
| 32 | |
| 60 | |
| 18 | |
| 24 | |
| 41 | |
| 30 | |
| 46 | |
| 38 | |
| 5.7 | |
| 12 | |
| 17 | |
| 22 | |
| <u>39,7</u> | |
| 5,7 | |
| 140,0 | |
| 28,0 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 57 | |
| 20 | |
| 35 | |
| 76 | |
| 110 | |
| 54 | |
| 57 | |
| 68 | |
| 41 | |
| 93 | |
| 33 | |
| 46 | |
| 34 | |
| 34 | |
| 59 | |
| 48 | |
| 80 | |
| 35 | |
| 44 | |
| 62 | |
| 74 | |
| 43 | |
| 2.2 | |
| 52 | |
| <u>110</u> | |
| 54,7 | |
| 2,2 | |
| 110,0 | |
| 25,8 | |
| <u>25</u> | |

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 36 | |
| 34 | |
| 49 | |
| 80 | |
| 51 | |
| 110 | |
| 43 | |
| 30 | |
| 79 | |
| 72 | |
| 60 | |
| 63 | |
| 46 | |
| 62 | |
| 92 | |
| 44 | |
| 25 | |
| 67 | |
| 42 | |
| 35 | |
| 79 | |
| 16 | |
| 27 | |
| 33 | |
| 31 | |
| <u>52,2</u> | |
| 16,0 | |
| 110,0 | |
| 23,5 | |
| <u><u>25</u></u> | |

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NIVA
730

BDE153
ppb
w.wt
0.13
0.06
<0.02
0.07
<0.05
0.05
<0.1
<0.05
<0.04
<0.03
<0.04
<0.03
0.04
0.04
miss
<0.03
0.04
0.06
<0.04
<0.03
0.05
<0.05
miss
<0.04
<0.05
<<0.05
<0.02
0,13
~0.02

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 89 | |
| 75 | |
| 34 | |
| 130 | |
| 35 | |
| 21 | |
| 3.4 | |
| 22 | |
| 42 | |
| 41 | |
| 16 | |
| 33 | |
| 26 | |
| 15 | |
| 17 | |
| 29 | |
| 68 | |
| 43 | |
| 14 | |
| 23 | |
| 120 | |
| 94 | |
| 18 | |
| 74 | |
| 17 | |
| <u>44,0</u> | |
| 3,4 | |
| 130,0 | |
| 34,6 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

NIVA
730

BDE153
ppb
w.wt
<0.05
miss
<0.05
0.25
miss
<0.05
miss
<0.05
miss
0.08
<0.05
0.07
miss
miss
miss
<0.05
<0.05
<0.07
miss
<0.05
miss
miss
miss
<0.05
<<0.07
<0.05
0,25
~0.05
13

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 19 | |
| 22 | |
| 44 | |
| 70 | |
| 88 | |
| 22 | |
| 72 | |
| 30 | |
| 27 | |
| 25 | |
| 16 | |
| 56 | |
| 78 | |
| 49 | |
| 64 | |
| 25 | |
| 96 | |
| 59 | |
| 42 | |
| 48 | |
| 57 | |
| 53 | |
| 56 | |
| 50 | |
| 120 | |
| 51,5 | |
| 16,0 | |
| 120,0 | |
| 26,2 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u>NIVA</u> | |
|-------------|------------|
| | <u>340</u> |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 34 | |
| 11 | |
| 43 | |
| 100 | |
| 24 | |
| 34 | |
| 15 | |
| 29 | |
| 10 | |
| 23 | |
| 39 | |
| 11 | |
| 11 | |
| 13 | |
| 12 | |
| 19 | |
| 77 | |
| 12 | |
| 38 | |
| 72 | |
| 15 | |
| 8.9 | |
| 15 | |
| 24 | |
| 22 | |
| <u>28,5</u> | |
| 8,9 | |
| 100,0 | |
| 23,3 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 29 | |
| 84 | |
| 19 | |
| 25 | |
| 26 | |
| 35 | |
| 21 | |
| 56 | |
| 48 | |
| 27 | |
| 17 | |
| 61 | |
| 14 | |
| 23 | |
| 24 | |
| 38 | |
| 17 | |
| 18 | |
| 32 | |
| 110 | |
| 68 | |
| 37 | |
| 13 | |
| 92 | |
| <u>38</u> | |
| 38,9 | |
| 13,0 | |
| 110,0 | |
| 26,0 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 32 | |
| 91 | |
| 19 | |
| 53 | |
| 53 | |
| 41 | |
| 64 | |
| 280 | |
| 88 | |
| 100 | |
| 69 | |
| 66 | |
| 96 | |
| 55 | |
| 35 | |
| 75 | |
| 53 | |
| 55 | |
| 78 | |
| 38 | |
| 73 | |
| 72,1 | |
| 19,0 | |
| 280,0 | |
| 52,4 | |
| 21 | |

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 300 | |
| 21 | |
| 54 | |
| 240 | |
| 49 | |
| 4.8 | |
| 79 | |
| 19 | |
| 94 | |
| 51 | |
| 16 | |
| 270 | |
| 260 | |
| 56 | |
| 240 | |
| 220 | |
| 100 | |
| 73 | |
| 200 | |
| 160 | |
| 270 | |
| 54 | |
| 42 | |
| 36 | |
| 50 | |
| <u>118,4</u> | |
| 4,8 | |
| 300,0 | |
| 98,6 | |
| <u><u>25</u></u> | |

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| <u> </u> | |
|-------------------|-----|
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 18 | |
| 12 | |
| 17 | |
| 62 | |
| 13 | |
| 36 | |
| 12 | |
| 14 | |
| 19 | |
| 23 | |
| 28 | |
| 48 | |
| 30 | |
| 95 | |
| 21 | |
| 9.9 | |
| 50 | |
| 16 | |
| 14 | |
| 150 | |
| 82 | |
| 70 | |
| 22 | |
| 82 | |
| <u>9.8</u> | |
| 38,1 | |
| 9,8 | |
| 150,0 | |
| 34,7 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u>NIVA</u> | |
|--------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 42 | |
| 87 | |
| 52 | |
| 55 | |
| 13 | |
| 40 | |
| 15 | |
| 38 | |
| 16 | |
| 17 | |
| 37 | |
| 19 | |
| 77 | |
| 22 | |
| 6.8 | |
| 17 | |
| 140 | |
| 18 | |
| 43 | |
| 190 | |
| 52 | |
| 43 | |
| 29 | |
| 35 | |
| 25 | |
| <u>45,2</u> | |
| 6,8 | |
| 190,0 | |
| 41,7 | |
| <u>25</u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 41 | |
| 110 | |
| 70 | |
| 140 | |
| 55 | |
| 52 | |
| 53 | |
| 78 | |
| 54 | |
| 38 | |
| 46 | |
| 47 | |
| 66 | |
| 47 | |
| 37 | |
| 63 | |
| 76 | |
| 71 | |
| 42 | |
| 50 | |
| 29 | |
| 69 | |
| 64 | |
| 130 | |
| 22 | |
| <u>62,0</u> | |
| 22,0 | |
| 140,0 | |
| 28,5 | |
| <u>25</u> | |

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| | |
|-------------|-----|
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| NIVA | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 37 | |
| 66 | |
| 53 | |
| 49 | |
| 49 | |
| 43 | |
| 43 | |
| 73 | |
| 49 | |
| 86 | |
| 35 | |
| 30 | |
| 92 | |
| 50 | |
| 89 | |
| 63 | |
| 68 | |
| 44 | |
| 56 | |
| 84 | |
| 37 | |
| miss | |
| 120 | |
| 50 | |
| 89 | |
| <hr/> | |
| 60,6 | |
| 30,0 | |
| 120,0 | |
| 22,7 | |
| <hr/> <hr/> | |
| 24 | |

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| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 30 | |
| 59 | |
| 53 | |
| 55 | |
| 62 | |
| 78 | |
| 51 | |
| 57 | |
| 33 | |
| 73 | |
| 39 | |
| 59 | |
| 39 | |
| 20 | |
| 59 | |
| 83 | |
| 17 | |
| 43 | |
| 28 | |
| 41 | |
| 38 | |
| 48 | |
| 55 | |
| 40 | |
| 50 | |
| <u>48,4</u> | |
| 17,0 | |
| 83,0 | |
| 16,6 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| <u><u>NIVA</u></u> | |
|--------------------|-----|
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 33 | |
| 36 | |
| 42 | |
| 60 | |
| 29 | |
| 25 | |
| 23 | |
| 13 | |
| 21 | |
| 66 | |
| 37 | |
| 60 | |
| 42 | |
| 44 | |
| 30 | |
| 18 | |
| 40 | |
| 26 | |
| 39 | |
| 31 | |
| 28 | |
| 65 | |
| 38 | |
| 51 | |
| 49 | |
| <u>37,8</u> | |
| 13,0 | |
| 66,0 | |
| 14,5 | |
| <u><u>25</u></u> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|--------------|------|
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| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 55 | |
| 39 | |
| 35 | |
| 29 | |
| 34 | |
| 23 | |
| 22 | |
| 47 | |
| 11 | |
| <hr/> | |
| | 32,8 |
| | 11,0 |
| | 55,0 |
| | 13,4 |
| | 9 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
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<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.10 |
| <0.10 |
| <0.10 |
| <0.10 |
| <0.10 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
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<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
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<0.05
<0.05
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<0.05
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<<0.1
<0.1
<0.1
~0.0
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5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
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<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
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| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
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<0.05
<0.05
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<0.05
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<<0.1
<0.1
<0.1
~0.0
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5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
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341
0.05
HCHG
ppb
w.wt
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<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
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SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

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SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
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0.17
<0.05
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<0.05
=====
<<0.1
<0.1
0,2
~0.1
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
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<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
4

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHG |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHG
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
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SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| <0.05 |
| <0.05 |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

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2

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 20 | |
| 16 | |
| 22 | |
| 16 | |
| 17 | |
| <hr/> | |
| | 18,2 |
| | 16,0 |
| | 22,0 |
| | 2,7 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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|-------------|------|
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| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 12 | |
| 19 | |
| 22 | |
| 27 | |
| 31 | |
| <hr/> | |
| | 22,2 |
| | 12,0 |
| | 31,0 |
| | 7,3 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

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|-------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 24 | |
| 16 | |
| 25 | |
| 19 | |
| 8.6 | |
| <hr/> | |
| 18,5 | |
| 8,6 | |
| 25,0 | |
| 6,7 | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 25 | |
| 19 | |
| 15 | |
| 13 | |
| <hr/> | |
| 16 | |
| <hr/> | |
| | 17,6 |
| | 13,0 |
| | 25,0 |
| | 4,7 |
| <hr/> <hr/> | |
| | 5 |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 20 | |
| 27 | |
| 19 | |
| 21 | |
| 16 | |
| <hr/> | |
| | 20,6 |
| | 16,0 |
| | 27,0 |
| | 4,0 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 42 | |
| 41 | |
| 48 | |
| 40 | |
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| 56 | |
| <hr/> | |
| 45,4 | |
| 40,0 | |
| 56,0 | |
| 6,7 | |
| <hr/> | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 56 | |
| 31 | |
| 27 | |
| 40 | |
| 40 | |
| <hr/> | |
| | 38,8 |
| | 27,0 |
| | 56,0 |
| | 11,2 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|--------------|-------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| 29 | |
| 25 | |
| 68 | |
| 34 | |
| 20 | |
| | <hr/> |
| | 35,2 |
| | 20,0 |
| | 68,0 |
| | 19,0 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 45 | |
| 54 | |
| 52 | |
| 39 | |
| 15 | |
| <hr/> | |
| | 41,0 |
| | 15,0 |
| | 54,0 |
| | 15,7 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-------------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 16 | |
| 18 | |
| 30 | |
| 24 | |
| <hr/> | |
| 29 | |
| | 23,4 |
| | 16,0 |
| | 30,0 |
| | 6,3 |
| | <hr/> |
| | 5 |
| | <hr/> <hr/> |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 19 | |
| 20 | |
| 19 | |
| 20 | |
| <hr/> | |
| 30 | |
| | <hr/> |
| 21,6 | |
| 19,0 | |
| 30,0 | |
| 4,7 | |
| <hr/> | |
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SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 21 | |
| 21 | |
| 20 | |
| 23 | |
| <hr/> | |
| 19 | |
| | 20,8 |
| | 19,0 |
| | 23,0 |
| | 1,5 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 30 | |
| 27 | |
| 22 | |
| 20 | |
| <hr/> | |
| 18 | |
| | 23,4 |
| | 18,0 |
| | 30,0 |
| | 5,0 |
| <hr/> | |
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SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-----|
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| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 26 | |
| 27 | |
| 35 | |
| 19 | |
| <hr/> | |
| 25 | |
| <hr/> | |
| 26,4 | |
| 19,0 | |
| 35,0 | |
| 5,7 | |
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SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-----|
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| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 45 | |
| 7.4 | |
| 11 | |
| 3.5 | |
| 2.3 | |
| <hr/> | |
| 13,8 | |
| 2,3 | |
| 45,0 | |
| 17,8 | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
340
4
DDEPP
ppb
w.wt
90
90,0
90,0
90,0

=====
1
=====

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| | |
|-------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 7.7 | |
| 6.8 | |
| 6.6 | |
| 25 | |
| 21 | |
| <hr/> | |
| 13,4 | |
| 6,6 | |
| 25,0 | |
| 8,9 | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 4.8 | |
| 2.5 | |
| 2.8 | |
| 5.0 | |
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| | 5,8 |
| | 2,5 |
| | 14,0 |
| | 4,7 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

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| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.4
<0.4
<0.6
<0.3
<0.4
=====
<<0.4
<0.3
<0.6
~0.1
=====
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.5
<0.5
<0.4
<0.5
<0.4
=====
<<0.5
<0.4
<0.5
~0.1
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
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0.6
0.9
1.1
1.0
<0.3
=====
<0.8
<0.3
1,1
~0.3
=====
5
=====

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| <u> </u> | |
|-------------------|--|
| NIVA | |
| Calc | |
| DD_Σ4 | |
| ppb | |
| w.wt | |
| <u>1.9</u> | |
| 1.5 | |
| 2.1 | |
| 1.0 | |
| <u>1.7</u> | |
| 1,6 | |
| 1,0 | |
| 2,1 | |
| 0,4 | |
| <u>5</u> | |

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=====

| | |
|-------|-----|
| NIVA | |
| | 341 |
| 0.05 | |
| HCHA | |
| ppb | |
| w.wt | |
| 0.10 | |
| 0.05 | |
| <0.05 | |
| <0.05 | |
| <0.05 | |
| <<0.1 | |
| <0.1 | |
| | 0,1 |
| ~0.0 | |
| | 5 |

=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| | |
|-------|-----|
| NIVA | |
| | 341 |
| 0.05 | |
| HCHA | |
| ppb | |
| w.wt | |
| ----- | |
| <0.05 | |
| <0.05 | |
| <0.05 | |
| <0.05 | |
| 0.05 | |
| ----- | |
| <<0.1 | |
| <0.1 | |
| | 0,1 |
| ~0.0 | |
| | 5 |

=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.9
<0.7
<0.4
<1.3
<0.4
=====
<<0.7
<0.4
<1.3
~0.4
=====
5
=====

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.4
<0.4
1.5
<0.6
<0.5
=====
<<0.7
<0.4
1,5
~0.5
=====
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHA
ppb
w.wt

<0.05
<<0.1
<0.1
<0.1

=====1

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<1.0
<0.5
0.6
<0.9
<1.4
=====
<<0.9
<0.5
<1.4
~0.4
=====
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.6
<0.5
<0.5
<0.5
<0.7
=====
<<0.6
<0.5
<0.7
~0.1
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|--------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w. wt</u> | |
| <hr/> 32 | |
| 21 | |
| 31 | |
| 30 | |
| <hr/> 73 | |
| 37,4 | |
| 21,0 | |
| 73,0 | |
| 20,4 | |
| <hr/> 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 42 | |
| 36 | |
| 33 | |
| 30 | |
| <hr/> | |
| 37 | |
| | <hr/> |
| 35,6 | |
| 30,0 | |
| 42,0 | |
| 4,5 | |
| <hr/> | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 19 | |
| 13 | |
| 20 | |
| 17 | |
| 17 | |
| <hr/> | |
| | 17,2 |
| | 13,0 |
| | 20,0 |
| | 2,7 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 25 | |
| 18 | |
| 21 | |
| 18 | |
| 43 | |
| <hr/> | |
| 25,0 | |
| 18,0 | |
| 43,0 | |
| 10,5 | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 43 | |
| 23 | |
| 19 | |
| 36 | |
| <hr/> | |
| 35 | |
| | 31,2 |
| | 19,0 |
| | 43,0 |
| | 9,9 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 11 | |
| 14 | |
| 22 | |
| 15 | |
| <hr/> | |
| 26 | |
| | 17,6 |
| | 11,0 |
| | 26,0 |
| | 6,2 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 19 | |
| 15 | |
| 14 | |
| 17 | |
| <hr/> | |
| 20 | |
| | 17,0 |
| | 14,0 |
| | 20,0 |
| | 2,5 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
340
4
DDEPP
ppb
w.wt
7.6
15
23
32
34
=====
22,3
7,6
34,0
11,2
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
340
4
DDEPP
ppb
w.wt
=====
26
16
34
18
26
=====
24,0
16,0
34,0
7,2
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 12 | |
| 15 | |
| 14 | |
| 18 | |
| 110 | |
| <hr/> | |
| | 33,8 |
| | 12,0 |
| | 110,0 |
| | 42,7 |
| | 5 |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-------------|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 100 | |
| 74 | |
| 67 | |
| 110 | |
| <hr/> | |
| 52 | |
| | 80,6 |
| | 52,0 |
| | 110,0 |
| | 23,9 |
| <hr/> | |
| | <hr/> |
| | 5 |
| | <hr/> <hr/> |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 100 | |
| 73 | |
| 81 | |
| 82 | |
| 87 | |
| <hr/> | |
| 84,6 | |
| 73,0 | |
| 100,0 | |
| 10,0 | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 73 | |
| 71 | |
| 53 | |
| 35 | |
| <hr/> | |
| 56 | |
| 57,6 | |
| 35,0 | |
| 73,0 | |
| 15,4 | |
| <hr/> <hr/> | |
| 5 | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|-----|
| <hr/> <hr/> | |
| NIVA | |
| | 340 |
| 4 | |
| DDEPP | |
| ppb | |
| w. wt | |
| <hr/> | |
| 65 | |
| 93 | |
| 72 | |
| 69 | |
| <hr/> | |
| 47 | |
| <hr/> | |
| 69,2 | |
| 47,0 | |
| 93,0 | |
| 16,5 | |
| <hr/> <hr/> | |
| 5 | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.10 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.03 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.0 |
| <0.0 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.4
<0.5
<0.5
<1.0
<0.8
=====
<<0.6
<0.4
<1.0
~0.3
=====
5

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.6
<0.4
<0.6
<0.5
<0.7
=====
<<0.6
<0.4
<0.7
~0.1
=====
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.5
<0.5
<0.7
<0.8
<1.1
=====
<<0.7
<0.5
<1.1
~0.2
=====
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.4
<0.5
<0.4
<0.4
3.2
=====
<<1.0
<0.4
3,2
~1.2
=====
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |

=====

5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====

| |
|-------|
| NIVA |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| w.wt |
| ----- |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| <0.05 |
| ----- |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| ----- |
| 5 |
| ----- |

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.6
<0.9
<1.4
<3.1
<1.7
=====
<<1.5
<0.6
<3.1
~1.0
=====
5

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 3.9 | |
| 6.6 | |
| 2.8 | |
| 2.4 | |
| <u>3.6</u> | |
| 3,9 | |
| 2,4 | |
| 6,6 | |
| 1,6 | |
| <u>5</u> | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 5.7 | |
| 2.9 | |
| 4.9 | |
| <hr/> | |
| 5.3 | |
| <hr/> | |
| 4.7 | |
| 2.9 | |
| 5.7 | |
| 1.2 | |
| <hr/> | |
| 4 | |
| <hr/> <hr/> | |

| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 3.6 | |
| 5.6 | |
| <hr/> | |
| 2.5 | |
| <hr/> | |
| 3.9 | |
| 2.5 | |
| 5.6 | |
| 1.6 | |
| <hr/> | |
| 3 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
340
4
DDEPP
ppb
w.wt
=====
1.2
1.7
3.8
2.9
2.8
=====
2,5
1,2
3,8
1,0
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| |
|-------------|
| <u>NIVA</u> |
| 340 |
| 4 |
| DDEPP |
| ppb |
| <u>w.wt</u> |
| 13 |
| <u>6.5</u> |
| 9,8 |
| 6,5 |
| 13,0 |
| 4,6 |
| <u>2</u> |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
340
4
DDEPP
ppb
w.wt
=====
1.2
2.9
4.6
5.7
5.9
=====
4,1
1,2
5,9
2,0
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 37 | |
| 34 | |
| 17 | |
| 19 | |
| 15 | |
| <hr/> | |
| 24,4 | |
| 15,0 | |
| 37,0 | |
| 10,3 | |
| 5 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 4.5 | |
| 2.9 | |
| 5.0 | |
| <hr/> | |
| 5.7 | |
| <hr/> | |
| 4.5 | |
| 2.9 | |
| 5.7 | |
| 1.2 | |
| <hr/> | |
| 4 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| |
|--------------------|
| <u><u>NIVA</u></u> |
| 340 |
| 4 |
| DDEPP |
| ppb |
| <u>w.wt</u> |
| 8.8 |
| 7.8 |
| 4.3 |
| <u>4.1</u> |
| <u>6.3</u> |
| 4.1 |
| 8.8 |
| 2.4 |
| <u><u>4</u></u> |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 11 | |
| 10 | |
| 12 | |
| 10 | |
| <hr/> | |
| 6.1 | |
| <hr/> | |
| 9,8 | |
| 6,1 | |
| 12,0 | |
| 2,2 | |
| <hr/> <hr/> | |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt

<0.2
<0.3
<0.3
<0.2
<0.2

<<0.2
<0.2
<0.3
~0.1

5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

| |
|-----------------|
| <u>NIVA</u> |
| 341 |
| 0.05 |
| HCHA |
| ppb |
| <u>w.wt</u> |
| <0.05 |
| <0.05 |
| <0.05 |
| <u><0.05</u> |
| <<0.1 |
| <0.1 |
| <0.1 |
| ~0.0 |
| <u>4</u> |

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHA
ppb
w.wt

<0.05
<0.05
<0.05

<<0.1
<0.1
<0.1
~0.0
3
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHA
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
5
=====

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.6
<0.6
=====
<<0.6
<0.6
<0.6
~0.0
2
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.4
<0.4
<0.5
<0.8
<0.7
=====
<<0.6
<0.4
<0.8
~0.2
5
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHA
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
5
=====

=====
NIVA
341
0.05
HCHA
ppb
w.wt

<0.05
<0.05
<0.05

<0.05

<<0.1
<0.1
<0.1
~0.0

4
=====

SFT report TA 2369/2008 - Appendix H, FISH 2002-2006 RAW DATA

=====
NIVA
341
0.05
HCHA
ppb
w.wt

<0.05
<0.05
<0.05

<0.05

<<0.1
<0.1
<0.1
~0.0

4
=====

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.4
<0.3
<0.4
<0.4
<0.3
=====
<<0.4
<0.3
<0.4
~0.1
5
=====

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| |
|-------------|
| <u>NIVA</u> |
| 340 |
| 4 |
| DDEPP |
| ppb |
| <u>w.wt</u> |
| 110 |
| 67 |
| 64 |
| 63 |
| <u>56</u> |
| 72,0 |
| 56,0 |
| 110,0 |
| 21,6 |
| <u>5</u> |

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| |
|-------------|
| <u>NIVA</u> |
| 340 |
| 4 |
| DDEPP |
| ppb |
| <u>w.wt</u> |
| 120 |
| 87 |
| 73 |
| 60 |
| 70 |
| 82,0 |
| 60,0 |
| 120,0 |
| 23,3 |
| <u>5</u> |

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| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> 46 | |
| <hr/> 110 | |
| 78,0 | |
| 46,0 | |
| 110,0 | |
| 45,3 | |
| <hr/> 2 | |
| <hr/> <hr/> | |

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| |
|-------------|
| <u>NIVA</u> |
| 340 |
| 4 |
| DDEPP |
| ppb |
| <u>w.wt</u> |
| 170 |
| 63 |
| 52 |
| 55 |
| 51 |
| 78,2 |
| 51,0 |
| 170,0 |
| 51,5 |
| 5 |

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| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 130 | |
| 79 | |
| 33 | |
| <hr/> | |
| 48 | |
| 72,5 | |
| 33,0 | |
| 130,0 | |
| 42,9 | |
| <hr/> <hr/> | |
| 4 | |

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| <u> </u> | |
|-------------------|--|
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| <u>w.wt</u> | |
| 53 | |
| 29 | |
| 36 | |
| 47 | |
| 44 | |
| 41,8 | |
| 29,0 | |
| 53,0 | |
| 9,4 | |
| 5 | |
| <u> </u> | |

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| |
|-------------|
| <u>NIVA</u> |
| 340 |
| 4 |
| DDEPP |
| ppb |
| <u>w.wt</u> |
| 21 |
| s11 |
| 37 |
| 140 |
| <u>16</u> |
| 53,5 |
| 16,0 |
| 140,0 |
| 58,4 |
| <u>4</u> |

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| | |
|-------------|--|
| <hr/> <hr/> | |
| NIVA | |
| 340 | |
| 4 | |
| DDEPP | |
| ppb | |
| w.wt | |
| <hr/> | |
| 48 | |
| 30 | |
| 71 | |
| 48 | |
| <hr/> | |
| 33 | |
| <hr/> | |
| 46,0 | |
| 30,0 | |
| 71,0 | |
| 16,3 | |
| <hr/> <hr/> | |
| 5 | |

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| |
|-------------|
| <u>NIVA</u> |
| 340 |
| 4 |
| DDEPP |
| ppb |
| <u>w.wt</u> |
| 70 |
| 43 |
| 45 |
| 52,7 |
| 43,0 |
| 70,0 |
| 15,0 |
| <u>3</u> |

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=====
NIVA
341
0.05
HCHA
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
5
=====

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=====
NIVA
341
0.05
HCHA
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
5
=====

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=====
NIVA
341
0.05
HCHA
ppb
w.wt

<0.05

<0.05

<<0.1
<0.1
<0.1
~0.0

2
=====

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=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.9
<0.9
<0.6
<0.9
<1.0
=====
<<0.9
<0.6
<1.0
~0.2
5
=====

=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.5
<0.7
<0.8
3.6
=====
<<1.4
<0.5
3,6
~1.5
4
=====

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=====
NIVA
341
0.05
HCHA
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
5
=====

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=====
NIVA
341
0.05
HCHA
ppb
w.wt
=====
<0.05
<0.05
<0.05
<0.05
<0.05
=====
<<0.1
<0.1
<0.1
~0.0
5
=====

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=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.8
<0.5
<0.8
<0.5
<0.8
=====
<<0.7
<0.5
<0.8
~0.2
5
=====

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=====
NIVA
Calc

DD_Σ4
ppb
w.wt
=====
<0.6
<0.5
<0.8
=====
<<0.6
<0.5
<0.8
~0.2
=====
3
=====