

Product name: Cod Liver Oil

**Analytical parameters:**

|                                                                        | Results  | Specification  | Method   |
|------------------------------------------------------------------------|----------|----------------|----------|
| Vitamin A (IU/g)                                                       | 1083     | min. 1000      | SKL 5-27 |
| Vitamin D <sub>3</sub> (IU/g)                                          | 121      | min. 100       | SKL 5-27 |
| Eicosapentaenoic acid (EPA) (area %)                                   | 9,9      | min. 8,0       | SKL 5-31 |
| Eicosapentaenoic acid (EPA) (mg/g as FFA)                              | 89       | min. 70        | SKL 5-31 |
| Eicosapentaenoic acid (EPA) (mg/g as TG)                               | 92       | min. 70        | SKL 5-31 |
| Docosahexaenoic acid (DHA) (area %)                                    | 11,1     | min. 10,0      | SKL 5-31 |
| Docosahexaenoic acid (DHA) (mg/g as FFA)                               | 100      | min. 90        | SKL 5-31 |
| Docosahexaenoic acid (DHA) (mg/g as TG)                                | 104      | min. 95        | SKL 5-31 |
| Total omega-3 fatty acids (area %)                                     | 26,3     | min. 22,0      | SKL 5-31 |
| Total omega-3 fatty acids (mg/g as FFA)                                | 236      | min. 200       | SKL 5-31 |
| Total omega-3 fatty acids (mg/g as TG)                                 | 245      | min. 210       | SKL 5-31 |
| Composition of fatty acids (area %)                                    | pass     | complies to EP | SKL 5-31 |
| Peroxide value (meq. O <sub>2</sub> /kg)                               | 0,7      | max. 5,0       | SKL 5-26 |
| Anisidine value                                                        | 6,0      | max. 20,0      | SKL 5-33 |
| Acid value (mg KOH/g)                                                  | 0,17     | max. 0,50      | SKL 5-20 |
| Free fatty acids (%)                                                   | 0,09     | max. 0,25      | SKL 5-20 |
| Iodine value (g I/100 g)                                               | 160,3    | 150 – 180      | SKL 5-22 |
| Unsaponifiable matter (in pure oil) (%)                                | 1,0      | max. 1,5       | SKL 5-38 |
| Appearance (Gardner units)                                             | 4,0      | max. 6,0       | SKL 5-35 |
| Relative density at 20°C                                               | conforms | 0,917 – 0,930* | SKL 5-30 |
| Refractive Index at 20°C                                               | 1,479    | 1,477 – 1,484  | SKL 5-28 |
| Cold test; remains clear at 0°C (hours)                                | pass     | min. 3         | SKL 5-24 |
| Dioxins (PCDD/F WHO <sub>2005</sub> TEQ pg/g)                          | conforms | max. 1,75*     | SKL 5-40 |
| Dioxins and dioxin-like PCBs (PCDD/F-PCB WHO <sub>2005</sub> TEQ pg/g) | conforms | max. 6,0*      | SKL 5-40 |
| PCB (congeners 28,52,101,138,153,180) (ng/g)                           | conforms | max. 200*      | SKL 5-40 |
| PAHs (4) (µg/kg)                                                       | conforms | max. 10,0*     | SKL 5-40 |
| Benzo(a)pyrene (µg/kg)                                                 | conforms | max. 2,0*      | SKL 5-40 |
| Arsenic (As), inorganic, (mg/kg)                                       | conforms | max. 0,1*      | SKL 5-40 |
| Cadmium (Cd) (mg/kg)                                                   | conforms | max. 0,01*     | SKL 5-40 |
| Mercury (Hg) (mg/kg)                                                   | conforms | max. 0,005*    | SKL 5-40 |
| Lead (Pb) (mg/kg)                                                      | conforms | max. 0,1*      | SKL 5-40 |

\*Based on surveillance