

CERTIFICATE OF ANALYSIS

Product name: Cod Liver Oil

Analytical parameters:

	Results	Specification	Method
Vitamin A (IU/g)	1167	min. 1000	SKL 5-27
Vitamin D ₃ (IU/g)	119	min. 100	SKL 5-27
Eicosapentaenoic acid (EPA) (area %)	10,4	min. 8,0	SKL 5-31
Eicosapentaenoic acid (EPA) (mg/g as FFA)	93	min. 70	SKL 5-31
Eicosapentaenoic acid (EPA) (mg/g as TG)	97	min. 70	SKL 5-31
Docosahexaenoic acid (DHA) (area %)	10,9	min. 10,0	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as FFA)	97	min. 90	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as TG)	101	min. 95	SKL 5-31
Total omega-3 fatty acids (area %)	26,9	min. 22,0	SKL 5-31
Total omega-3 fatty acids (mg/g as FFA)	240	min. 200	SKL 5-31
Total omega-3 fatty acids (mg/g as TG)	249	min. 210	SKL 5-31
Composition of fatty acids (area %)	pass	complies to EP	SKL 5-31
Peroxide value (meq. O ₂ /kg)	0,7	max. 5,0	SKL 5-26
Anisidine value	6,4	max. 20,0	SKL 5-33
Acid value (mg KOH/g)	0,21	max. 0,50	SKL 5-20
Free fatty acids (%)	0,10	max. 0,25	SKL 5-20
Iodine value (g I/100 g)	163	150 – 180	SKL 5-22
Unsaponifiable matter (in pure oil) (%)	0,9	max. 1,5	SKL 5-38
Appearance (Gardner units)	5,2	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 ₂₀₀₅ TEQ pg/g)	conforms	max. 1,75*	SKL 5-40
Dioxins and dioxin-like PCBs (PCDD/F-PCB WHO ₂₀₀₅ 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

I hereby confirm that the above information is authentic and accurate.

14 November 2023

SSP