

CERTIFICATE OF ANALYSIS

Product name: Omega-3 Fish Oil
Product code:
Issue no.:
Production batch no.:
Date of production:
Expiry:

Analytical parameters:

	Result	Specification	Method
Eicosapentaenoic acid (EPA) (area %)	18,5	min. 18,0	SKL 5-31
Eicosapentaenoic acid (EPA) (mg/g as FFA)	161	min. 150	SKL 5-31
Eicosapentaenoic acid (EPA) (mg/g as TG)	167	min. 160	SKL 5-31
Docosahexaenoic acid (DHA) (area %)	12,7	min. 12,0	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as FFA)	108	min. 100	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as TG)	112	min. 105	SKL 5-31
Total omega-3 fatty acids (area %)	38,5	min. 35,0	SKL 5-31
Total omega-3 fatty acids (mg/g as FFA)	331	min. 320	SKL 5-31
Total omega-3 fatty acids (mg/g as TG)	345	min. 330	SKL 5-31
Peroxide value (meq. O ₂ /kg)	0,7	max. 3,0	SKL 5-26
Anisidine value	10,0	max. 20,0	SKL 5-33
TOTOX	11,4	max. 26,0	SKL 5-33
Free fatty acids (%)	0,14	max. 0,25	SKL 5-20
Acid value (mg KOH/g)	0,28	max. 0,50	SKL 5-20
Unsaponifiable matter (in pure oil) (%)	0,9	max. 1,5	SKL 5-38
Colour (Gardner units)	4,8	max. 6,0	SKL 5-35
Relative density at 20°C	conforms	0,920 - 0,940*	SKL 5-30
Refractive Index at 20°C	1,483	1,481 - 1,485	SKL 5-28
Cold test; remains clear at 0°C (hours)	pass	min. 3	SKL 5-24
Moisture (%)	0,01	max. 0,10	SKL 5-32
Absorbance at 233 nm	0,23	max. 0,70	SKL 5-43
Oligomers (%)	0,5	max. 1,5	SKL 5-98
Dioxins (PCDD/F WHO ₂₀₀₅ TEQ pg/g)	conforms	max. 1,0*	SKL 5-40
Dioxins and dioxin-like PCBs (PCDD/F-PCB WHO ₂₀₀₅ TEQ pg/g)	conforms	max. 3,0*	SKL 5-40
Dioxin-like PCBs (WHO ₂₀₀₅ TEQ, pg/g)	conforms	max. 3,0*	SKL 5-40
PCBs (209 total) (ng/g)	conforms	max. 90*	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) (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. 0,05*	SKL 5-40

* Based on surveillance

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