CERTIFICATE OF ANALYSIS

Product name:	Omega-3 Fish Oil
Product code:	HO307
Issue no.:	14
Production batch no.:	VO30651
Date of production:	31.03.2025
Expiry:	3 years from date of production in sealed original containers

Analytical parameters:	**Result**	**Specification**	**Method**
Eicosapentaenoic acid (EPA) (area %)	19,2	min. 18,0	SKL 5-31
Eicosapentaenoic acid (EPA) (mg/g as FFA)	164	min. 150	SKL 5-31
Eicosapentaenoic acid (EPA) (mg/g as TG)	171	min. 160	SKL 5-31
Docosahexaenoic acid (DHA) (area %)	12,4	min. 12,0	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as FFA)	105	min. 100	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as TG)	109	min. 105	SKL 5-31
Total omega-3 fatty acids (area %)	38,9	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)	344	min. 330	SKL 5-31
Peroxide value (meq. O_2/kg)	0,3	max. 3,0	SKL 5-26
Anisidine value	14,9	max. 20,0	SKL 5-33
TOTOX	15,5	max. 26,0	SKL 5-33
Free fatty acids (%)	0,07	max. 0,25	SKL 5-20
Acid value (mg KOH/g)	0,15	max. 0,50	SKL 5-20
Unsaponifiable matter (in pure oil) (%)	0,8	max. 1,5	SKL 5-38
Colour (Gardner units)	5,0	max. 6,5	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	0,21	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.

Reykjavík, 5 April 2025

GÆÐAEFTIRLIT

Lýsi hf Quality Control
Hrafnhildur Björg Gunnarsdóttir

QUALITY CONTROL

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