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Quality Control | **Product description** | **Lýsi hf.**

Number:	Product Name:	Issue number: 11
HB603	**Cod Oil Blend**	Date of Issue: 23-01-2025
		Previous Issue: 22-05-2024

Description:

A pale yellow oil. Odour and taste is slightly fishy, but not rancid. The oil is obtained from the fresh liver of cod (*Gadus morhua*) and/or fish oil from other species of *Gadidae* or other species of fish. It is neutralised, bleached, winterised and deodorised. Vitamin A (retinyl palmitate) and vitamin D_3 (cholecalciferol) are added to the oil.

Analytical parameters:

	Specification	Method
Vitamin A (IU/g)	min. 1000	SKL 5-27
Vitamin D_3 (IU/g)	min. 100	SKL 5-27
Eicosapentaenoic acid (EPA) (area %)	min. 7,0	SKL 5-31
Docosahexaenoic acid (DHA) (area %)	min. 8,0	SKL 5-31
Polyunsaturated fatty acid (PUFA) (area %)	min. 20,0	SKL 5-31
Peroxide value (meq. O_2/kg)	max. 5,0	SKL 5-26
Anisidine value	max. 20,0	SKL 5-33
Free fatty acids (%)	max. 0,25	SKL 5-20
Acid value (mg KOH/g)	max. 0,50	SKL 5-20
Iodine value (g I/100 g)	150 – 180	SKL 5-22
Saponification value (mg KOH/g)	180 – 190	SKL 5-29
Unsaponifiable matter (in pure oil) (%)	max. 2,0	SKL 5-38
Density at 20°C (g/ml)	0,917 – 0,928*	SKL 5-30
Refractive Index at 20°C	1,477 – 1,482	SKL 5-28
Cold test; remains clear at 0°C (hours)	min. 3	SKL 5-24
Dioxins (PCDD/F WHO_{2005} TEQ pg/g)	max. 1,75*	SKL 5-40
Dioxin-like PCBs (WHO_{2005} TEQ, pg/g)	max. 3,0*	SKL 5-40
PCB (congeners 28,52,101,118,138,153,180) (ng/g)	max. 90*	SKL 5-40
PAHs (4) (µg/kg)	max. 10,0*	SKL 5-40
Benzo(a)pyrene (µg/kg)	max. 2,0*	SKL 5-40
Arsenic (As), inorganic (mg/kg)	max 0,1*	SKL 5-40
Cadmium (Cd) (mg/kg)	max 0,01*	SKL 5-40
Mercury (Hg) (mg/kg)	max 0,005*	SKL 5-40
Lead (Pb) (mg/kg)	max 0,1*	SKL 5-40

*Based on surveillance

Storage:

Store at or below 25°C. Do not expose to direct sunlight.
Shelf life is 3 years in sealed original containers.

Allergens:

Fish oil.

Approved by:

Sales:	Production:	Quality Assurance:
Date: 31/1 25	Date: 31.1'25	Date: 30/1 '24 '25