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

Number:	Product Name:	Issue number:	15
HB016	**Enriched Cod Liver Oil**	Date of Issue:	23-06-2023
		Previous Issue:	08-06-2023

Description:
A pale yellow oil with slight odour and taste. The oil is a blend of fish liver oil from the liver of cod (*Gadus morhua*) and other species of *Gadidae*, and fish body oil from fish rich in omega-3 fatty acids (mainly from tuna). The oil is fully refined. Vitamin A (retinyl palmitate), vitamin D_3 (cholecalciferol), vitamin E (d-alpha tocopheryl acetate) and mixed tocopherols are added to the oil.

Analytical parameters:	**Specification**	**Method**
Vitamin A (µg/g)	30 – 60	SKL 5-27
Vitamin D_3 (µg/g)	1,6 – 2,4	SKL 5-27
Vitamin E (mg/g)	0,8 – 1,2	SKL 5-27
Eicosapentaenoic acid (EPA) (mg/g as FFA)	65 – 95	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as FFA)	125 – 155	SKL 5-31
Total omega-3 fatty acids (mg/g as FFA)	200 – 300	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. 0,40	SKL 5-20
Unsaponifiable matter (in pure oil) (%)	max. 1,5	SKL 5-38
Appearance (Gardner units)	max. 5,5	SKL 5-35
Cold test; remains clear at 0°C (hours)	min. 5	SKL 5-24
Mixed tocopherols (mg/kg)	1000	by addition

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: AH	Production: EK	Quality Assurance:
Date: 26/6/23	Date: 26.6.23	Date: SÁG 23/6 '23