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

Number:	Product Name:	Issue number: 6
HC571	**Cod Liver Oil with Lemon Flavour - MSC**	Date of Issue: 08-06-2023 Previous Issue: 19-01-2023

Description:
A pale yellow oil with lemon flavour. The oil is obtained from the fresh liver of cod (*Gadus morhua*) and other species of *Gadidae*. It is neutralised, bleached, winterised, purified by short-path distillation and deodourised. Vitamin A (retinyl palmitate), vitamin D_3 (cholecalciferol), vitamin E (d-alpha toco pheryl acetate), mixed tocopherols and lemon flavour are added to the oil. The oil is MSC certified.

Analytical parameters:	**Specification**	**Method**
Vitamin A (µg/g)	50 - 80	SKL 5-27
Vitamin D_3 (µg/g)	1,8 – 2,6	SKL 5-27
Vitamin E (mg/g)	0,8 – 1,2	SKL 5-27
Eicosapentaenoic acid (EPA) (mg/g as FFA)	min. 65	SKL 5-31
Docosahexaenoic acid (DHA) (mg/g as FFA)	min. 90	SKL 5-31
Total omega-3 fatty acids (mg/g as FFA)	min. 200	SKL 5-31
Peroxide value (meq. O_2/kg)	max. 3,0	SKL 5-26
Anisidine value	max. 10,0	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)	min. 1000	by addition
Lemon flavour (I303) (w/w %)	min. 1	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: KB
Date: 8/6'23	Date: 8.6'23	Date: 8/6 '23