

CERTIFICATE OF ANALYSIS

PRODUCT: FOOD GRADE COD LIVER OIL
ORIGIN CERTIFIED FROM 100% COD LIVER OIL (*Gadus morhua*)
MSC CERTIFIED - CERTIFICATE No. MSC-C-58547

ASSAY	RESULT	SPECIFICATION
Appearance @ 20°C	Conforms	Clear pale yellow oily liquid
Odor	Conforms	Typical, slight fishy odor
Color	< 5	Max. gardner 5
Acid value (mg KOH/ g)	0.32	Max. 2
Iodine value (gI ₂ / 100 g)	154	150 - 180
Unsaponifiable matter (%)	1.4	Max 1.5
Peroxide value (meq/ kg)	3.1	Max. 10
Anisidine value	8	Max. 30
Refractive index @ 20°C	1.4782	1.477 – 1.484
Density @ 20°C (g/mL)	0.923	0.917 – 0.928
Cold test, clear at 0°C (hours)	Conforms	Min. 3
Vitamin A (IU/g)	1290	Min. 1000
Vitamin D ₃ (IU/g)	124	Min. 100
Eicosapentaenoic acid (C20:5 n-3 EPA) (%)	11.4	7 - 16
Docosahexaenoic acid (C22:6 n-3 DHA) (%)	9.4	6 - 18
Arsenic (ppm)	Conforms	max. 0.1
Cadmium (ppm)	Conforms	max. 0.1
Lead (ppm)	Conforms	max. 0.1
Mercury (ppm)	Conforms	max. 0.1

Dioxins + DL PCB's (pg (WHO TEQ)/g)	Conforms	max. 6
Dioxins (pg (WHO TEQ)/g)	Conforms	max. 1.75
NDL PCB'S (ng/g)	Conforms	max. 200
PAH's (benzo(a)pyrene) (µg/kg)	Conforms	max. 2
Total PAH's (µg/kg)	Conforms	max. 10
Total aerobic microbial (CFU/g)	Conforms	max 10 ³
Total yeasts/moulds (CFU/g)	Conforms	max 10 ²
Bile-tolerant Gram-negative bacteria (CFU/g)	Conforms	max 10 ²
E. Coli, Salmonella, S. aureus and L. monocytogenes	Conforms	Absence
Shelf Life	01/11/2025	36 months

This batch meets the requirements of the current European Pharmacopeia (type A), British Pharmacopeia (type A), and United States Pharmacopeia.

Omega 3	g/100g	24,96
Omega 6	g/100ml	37,43

TECHNICAL DIRECTOR

