

Fish Oil / Cod Liver Oil

Omega-3 rich natural oils

Product Description

Fish Oil and Cod Liver Oil are natural sources of Omega-3 fatty acids (EPA and DHA) and fat-soluble vitamins A and D, used in softgel capsule formulations.

Certificate of Analysis

HSN Code: 1504.10

CAS Number: 8016-13-5

Classification: Nutraceutical — Omega-3 Rich

Parameter	Specification	Test Method
Appearance	Pale yellow to yellow liquid	Visual
Acid Value	"d 3 . 0 m g K O H / g	AOCS Cd 3d-63
Peroxide Value	"d 5 m E q / k g	AOCS Cd 8b-90
Iodine Value (fish oil)	1 5 0 – 1 7 5 g I , / 1 0 0 g	Wijs method
Saponification Value	180–195 mg KOH/g	AOCS Cd 3-25
Moisture	"d 0 . 1 %	Karl Fischer
Vitamin A (cod liver oil)	"e 6 0 0 I U / g	HPLC
Vitamin D (cod liver oil)	"e 6 0 I U / g	HPLC

Physical Properties

Appearance: Pale yellow to yellow liquid

Molecular Formula: Complex mixture of triglycerides

Molecular Weight: N/A (complex mixture)

Solubility: Practically insoluble in water; miscible with ethanol and organic solvents

Melting Point: Liquid at room temperature

Packing: 25 kg HDPE drums; 200 kg HDPE drums (nitrogen blanketed)

Storage: Store in a cool, dry place away from light. Under nitrogen blanket. Below 15°C for extended storage.

Safety & Handling

PPE: Gloves, safety goggles, lab coat

Hazards:

- Combustible oil
- Fish allergen