



OCEAN EXPORTS

FISH OIL

TECHNICAL DATASHEET



PRODUCT NAME
FISH OIL



PRODUCT CODE
PMO-FISH-OIL



PRODUCT LIST
GMP+ 10.010



VERSION
01



1. PRODUCT DESCRIPTION

Fish oil is a viscous yellow liquid with a characteristic marine aroma derived from processed raw material.

The product is obtained as a by-product from the liquid phase treatment process (separation and centrifugation) during fishmeal production.

Fish oil is stored in crude, non-refined condition and has an approximate shelf life of 18 months under normal ambient temperature and humidity conditions.

It is distributed in bulk via tankers, flexitanks, isotanks, and drums.

Fish oil is widely used for:

- Animal nutrition
- Aquaculture feed
- Omega-3 supplements
- Cosmetics
- Industrial applications



2. PRESERVATION METHOD

Fish oil preservation is achieved through moisture reduction and solids reduction during centrifugation, minimizing water and impurities. This process improves oil acidity stability and extends product shelf life.

REFERENCE

Moisture + impurities: 1.0% max



3. STORAGE CONDITIONS

- Stored in properly labeled metallic tanks.
- Dry environment and away from heat sources.
- Ventilated storage systems.
- Frequent bottom tank purging to eliminate moisture and impurities.



4. SHELF LIFE

Approximately 18 months under normal environmental conditions.



5. DISTRIBUTION METHODS

Bulk shipment options:



Vessel
Cargo Holds



Tank Trucks



Flexitanks



Isotanks



Drums



6. CHEMICAL COMPOSITION

FREE FATTY ACIDS

1.0 – 3.0 %

MAJOR FATTY ACIDS

Fatty Acid	Concentration (%)
Palmitic	24.2%
Eicosapentaenoic (EPA)	15.3%
Oleic	12.1%
Palmitoleic	10.6%
Myristic	9.1%
Docosahexaenoic (DHA)	6.4%



7. OTHER SPECIFICATIONS

Parameter	Value
Gardner Color	9 – 12
Solids	0.3%
Moisture	0.3%
Iodine Value	150 – 166
Melting Point	Liquid at ambient temperature



8. SPECIFIC GRAVITY

Temperature	Specific Gravity
20°C	0.9295
28°C	0.9231
15°C	0.9330



9. ANTIOXIDANT

ANTIOXIDANT RESIDUAL
BHT antioxidant
upon customer request:

150 ppm



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Panama