

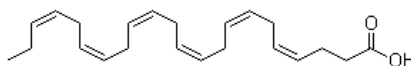
SPECIFICATION SHEET

Oligin™ Microalgae DHA Winterized Oil 40%

CAS: 6217-54-5

Chemical Formula: C₂₂H₃₂O₂

Molecular Weight: 328.49



GENERAL CHARACTERISTICS

Description	Nutritional oil derived from the marine alga, <i>Schizochytrium sp.</i> , a rich source of Omega-3 docosahexaenoic acid (DHA) with sunflower lecithin. Tocopherols and ascorbyl palmitate, as antioxidants, are added to provide stability. Processed under low-temperature to remove some high melting point fatty acids. The product is transparent and stable under low-temperature.
Appearance	Clear oily liquid.
Color	Light yellow or orange yellow
Taste & Odor	Characteristic, no other peculiar taste and smell.

ANALYTICAL CHARACTERISTICS

Assay of DHA	Min 40%(W/W)
Peroxide Index	Max 5.0 meq/Kg
Unsaponifiable	Max 4.0%
Acid value	Max 1.0 mgKOH/g
Water	Max 0.1%(W/W)
Residual Solvents	Max 1.0 mg/Kg
Insoluble impurities	Max 0.2%(W/W)
Trans fatty acids	Max 1.0%(W/W)
Aflatoxin B1	Max 5.0(µg/Kg)
Lead	Max 0.1ppm
Arsenic	Max 0.1ppm
Melamine	Negative

MICROBIAL CHARACTERISTICS

Bacteria counts	1000cfu/g max
Mold	25cfu/g max
The coliform group count	10cfu/g max
E. Coli	Negative

Enterobacter sakazakii Negative
The pathogenic bacteria count Negative



INGREDIENTS

DHA rich Microalgae Oil; Sunflower Lecithin; Tocopherols and Ascorbyl Palmitate (as antioxidants)

LABELING

In the United States and the European Union: Oilgin™ Docosahexaenoic Acid (DHA) Oil 40% (Winterized).

HANDING RECOMMENDATIONS

Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, reducing agents, alkalis.

The product should be thawed completely and well mixed before use, avoid oil temperatures exceeding 60°C / 140°F during the thawing process for best sensory performance. When possible, use the entire contents of the container at one time. Unused portions should be blanketed with nitrogen and stored frozen.

CLEANING RECOMMENDATIONS

Use an appropriate caustic based detergent and hot water for wet cleaning.

PACKING & SHELF LIFE

Package: 20kg/steel drum or 5kg/aluminium can, stuffed with nitrogen.

Shelf life: The shelf life of the product is 24 months in cold condition(minus 25°C). The shelf life of the product is 6 months in cool condition(minus 5°C). The shelf life of the product is 1 months under room temperature(below 25°C).