



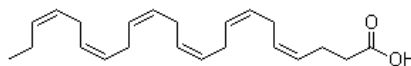
SPECIFICATION SHEET

Oligin™ Microalgae DHA Oil 35%

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 and rosemary extract. Tocopherols and ascorbyl palmitate, as antioxidants, are added to provide stability.
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 35%
Peroxide Index	Max 5.0meq/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	Max 1000cfu/g
Mold	Max 25cfu/g
Coliforms	Max 10cfu/g
<i>E. Coli</i>	Negative
<i>Enterobacter sakazakii</i>	Negative
<i>The pathogenic bacteria count</i>	Negative



INGREDIENTS

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

LABELING

In the United States and the European Union Oilgin™ Docosahexaenoic Acid (DHA) Oil 35%.

HANDLING 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 month under room temperature (below 25°C).