

TECHNICAL DATA SHEET

Oilgin™ DHA Algae Oil Powder

7% OLBHWC

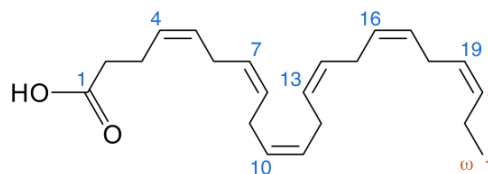
Chemical Properties

CAS No: 6217-54-5;

INCI name: Docosahexaenoic Acid

Chemical Formula: C₂₂H₃₂O₂

Molecular Weight: 328.488



Description

Powder form product, is produced by DHA algae oil derived from the marine alga, *Schizochytrium* sp., a rich source of Omega-3 docosahexaenoic acid (DHA), with microencapsulation technology and spray-drying technology. It's better for the body to absorb and can be used in foods and drinks.

Solubility

Completely dissolved in water at 25°C ~45°C.

Specification

Item	Specification	Test Method
Appearance	White or light yellow dry powder.	Visual
Taste & Odor	Characteristic, no other peculiar taste and smell.	Organoleptic
Assay	Min 7.0%	In-house
Peroxide Index	Max 5.0meq/kg	In-house
Surface Free Oil	Max 1.0%	In-house
Moisture	Max 5.0%	In-house
Arsenic	Max 0.16ppm	In-house
Lead	Max 0.16ppm	In-house
Bacteria counts	Max 3,000cfu/g	In-house
Yeast	Max 25cfu/g	In-house
Mold	Max 25cfu/g	In-house
Coliforms	Max 30MPN/100g	In-house
<i>Enterobacter sakazakii</i>	Negative	In-house
The pathogenic bacteria count	Negative	In-house

Ingredients

Contain: Docosahexaenoic Acid, ascorbyl palmitate, sodium caseinate, lactose, sodium starch octenyl succinate, whey protein, corn starch.(O is short for Starch sodium octenylsuccinate, L is short for Lactose, B is

short for Sodium caseinate, h is short for Corn Starch, W is short for Whey Protein, C is short for Ascorbyl Palmitate)

Labeling

In the United States and the European Union: DHA Algae Oil Powder

Applications

- 1.DHA can help support a healthy pregnancy.
- 2.DHA is important for brain and eye development for infant and ongoing brain and eye development for children.
- 3.DHA supports brain, eye & heart health for adult.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

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.

Cleaning recommendations

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

Packaging, Storage & Shelf Life

Package	5kg/carton or 1kg/bag;or according to customers' requirements.
Storage	The product should be stored in cool and dry condition, Ambient relative humidity below 65%.
Shelf Life	12 months under room temperature (below 25°C). It should be used in one week after opened.