

TECHNICAL DATA SHEET

Oilgin™ DHA riched algae powder

18%

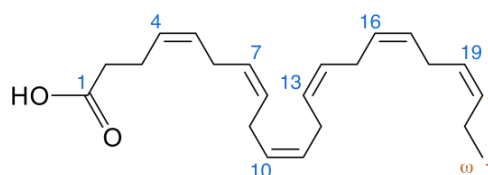
Chemical Properties

CAS No: 6217-54-5;

INCI name: Docosahexaenoic Acid

Chemical Formula: C₂₂H₃₂O₂

Molecular Weight: 328.488



Description

Algae powder fermented by the marine algae, *Schizochytrium* sp., is rich in DHA, as well as protein, nucleotide, polysaccharides, vitamins and other bioactive material, and is normally used as fortifier of the aquaculture nutrition.

Solubility

It is not soluble in water, but soluble in Ethanol, acetone and other organic solvents.

Specification

| Item | Specification | Test Method |
|------------------------------|---|--------------|
| Appearance | Yellow to brown powder, no caking phenomenon | Visual |
| Taste & Odor | Characteristic, no other peculiar taste and smell | Organoleptic |
| Assay of DHA(In dry basis) | Min 180 mg/g | In-house |
| Total fat(In dry basis) | Min 400 mg/g | In-house |
| Moisture | Max 5.0%(W/W) | In-house |
| Ash | Max 25.0% | In-house |
| Arsenic | Max 0.1ppm | In-house |
| Lead | Max 0.1ppm | In-house |
| Bacteria counts | Max 1,000cfu/g | In-house |
| Yeast and Mold | Max 25cfu/g | In-house |
| <i>Sakazakii E.</i> | Negative in 100g | In-house |
| <i>Staphylococcus aureus</i> | Negative in 25g | In-house |
| <i>Saimonella</i> | Negative in 25g | In-house |
| <i>Shigella</i> | Negative in 25g | In-house |

Ingredients

DHA 18%; Total fat 40~45%; Crude protein 8%; Water 5%, other biomass of the algae

Labeling

In the United States and the European Union: DHA riched algae powder

Applications

- 1、Offspring Cultivation: Offspring of different kinds livings.
- 2、Aquatic Product Cultivation: Omnivore aquatic product cultivation, including eel、sturgeon、yellow fin tuna、mud eel、snapping turtle、garrupa、shrimp、crab、loach、puffer fish, etc.
- 3、Livestock Cultivation: Feeding additive for cow、chicken、porket、goat and captive animals.
- 4、Pet Raising: Feeding additive for cat, dog, ornamental fish to fortify nutrition.

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.

Packaging, Storage & Shelf Life

| | |
|------------|--|
| Package | 1kg/ aluminum foil 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. |