

## TECHNICAL DATA SHEET

# Oilgin™ DHA riched algae powder

## 20%

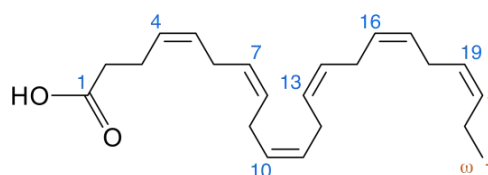
### Chemical Properties

CAS No: 6217-54-5;

INCI name: Docosahexaenoic Acid

Chemical Formula: C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>

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 20%	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 20%; Total fat 40~45%; Crude protein 8%; Water 5%, other biomass of the algae

## Labeling

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

## Applications

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- 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

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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

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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

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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.