Docosahexaenoic Acid (DHA)Algae Oil

Docosahexaenoic Acid (DHA)Algae Oil Powder

Seawit
Make human beings healthier

Docosahexaenoic Acid （DHA）are ω-3 PUFAs, they are commonly called brain gold, which can improve brain nerves and vision development for infants.

Seawit® DHA Algae Oil

DHA Algae Oil Advantages

- **Proprietary Technology & Equipment Advantages**
  - > Accurate and moderate processing proprietary technology
  - > Automatic continuous refining technology
  - > Precise winterization and gradient dry extraction technology
  - > Degumming and deacidification at normal temperature, adsorption and decolorization at medium temperature, film flashing deodorization
  - > Full nitrogen charging protection
- **Globally Leading Food Safety Control Technology**
  - > Most advanced hazardous by-product control technology
  - > Controlled and eliminated technology for polluted hazards

Product Specification

- DHA contents≥40%； DHA contents≥50%

Application Fields

- Children Formula Food
- Lactation and Pregnant Formula Food
- Infant Formula Food
- Older Infant and children Formula Food
- Cereal Supplementary Formula For Infants and Young Children
- Other Food：Gel Candy, Soft Candy, Jelly, Edible Oil, Beverage etc.

Strict Control Index of Harmful Substance

Test Items	GB Standard	FDA Standard	EU Standard	Seawit Standard
Glycidyl Ester μg/kg	-	-	≤1000	**≤200**
3-MCPD μg/kg	-	-	-	**≤400**
Trans Fatty Acids	≤1%	≤2%	≤2%	**N/A**
DEHP	1.5mg/kg	-	-	**ND**
DINP	9.0mg/kg	-	-	**ND**
DBP	0.5mg/kg	-	-	**ND**
Arsenic mg/kg	0.1	0.2	N/S	**0.1**
Lead mg/kg	0.1	0.2	0.1	**0.02**
Mercury mg/kg	-	0.02	N/S	**0.01**
Cadmium mg/kg	-	0.1	N/S	**0.01**

Packaging

- 1kg，5kg/bag，5kg*4/carton

Shelf Life

9 months at room temperature， 18 months at refrigeration condition （0-10℃）， 36 months at freezing condition （-18℃）

Seawit® DHA Algae Oil Powder

DHA Algae Oil Powder Advantages

- **Globally Leading Visibility Analysis and Detection Technology**
- **Global First-class Equipment Level and Technology**
  - > Submicron scale emulsification and embedding
  - > Low-temperature spraying drying and secondary spraying embedding
  - > The most advanced GEA-NIRO completed equipment
- **Globally Leading Food Safety Control Technology**
  - > Most advanced hazardous by-product control technology
  - > Controlled and eliminated technology for polluted hazards

Control Index of Microorganism and Pathogenic Bacteria

Test Items	Standard
Total Plate Count CFU/g	≤600
Coliforms CFU/g	≤10
Yeast CFU/g	≤20
Molds CFU/g	≤20
Enterobacter sakazakii/100g	Not detected
Salmonella/25g	Not detected
Shigella/25g	Not detected
Staphylococcus aureus/25g	Not detected

Product Specification

- DHA contents：7%，11%，20%

Packaging

- 1kg，5kg/bag，5kg*4/carton

Application Fields

- Children Formula Food
- Lactation and Pregnant Formula Food
- Infant Formula Food
- Older Infant and children Formula Food
- Cereal Supplementary Formula For Infants and Young Children
- Other Food：Baked Goods, Gel Candy, Soft Candy, Tablet, Beverage etc.

Product Formula Options

Plant source carbohydrate (No dairy allergen)

Dairy ingredients and plant source carbohydrates mixed

Shelf Life

Under room temperature condition，unopened products are guaranteed 18 months

Under refrigeration condition， unopened products are guaranteed 24 months

Seawit healthy food service system

Long-chain polyunsaturated fatty acids, DHA, ARA, EPA

Functional structural lipid： MCT, MLCT，CLA，OPO/OPL

Special purpose vegetable oils

Healthy food solution service: OEM, ODM

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