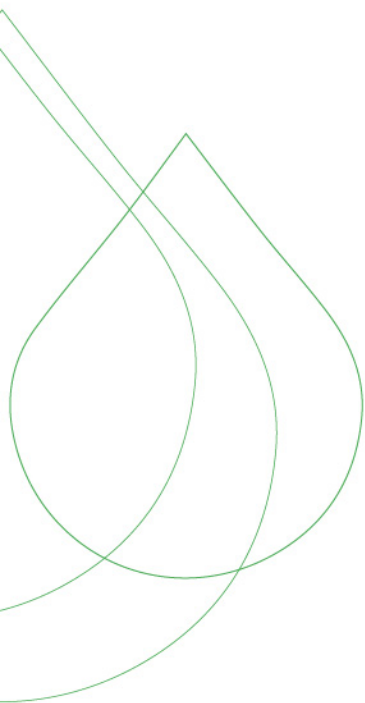


## LINYI YOUKANG BIOLOGY CO.,LTD

YOU CARE ,WE CARE ,  
CARE MAKES A DIFFERENCE.





## ABOUT US

Linyi Youkang Biology Co.,Ltd. was established in 2001, is a professional high-tech enterprise that researches, develops, produces and sells nutritional supplements with modern bioengineering technology.

We are committed to whole process of polyunsaturated fatty acids, and our main products: algae docosahexaenoic acid (DHA) series and arachidonic acid (ARA) series. At present, a polyunsaturated fatty acid product system has been formed. Based on a research team with professional and abundant experience, we are committed to process improvement and technological innovation. All products from raw and auxiliary materials to finished, all operating procedures are stick QC regulated to make sure the controllability and traceability.

"You care, we care, care that makes a difference!" , we expect to cooperate with you for a mutual success.

## MANUFACTURING BASE

Linyi Youkang has two production bases of "Lanling Plant" and "Hedong Plant", from bacteria culture to extraction, oil form or powder form fish products, totally manufacture by ourselves.



**PRODUCTION EQUIPMENTS**

The whole production from bacteria to finished products ,we handle by ourselves,the processes are traceable.We have 2 DHA fermentation tanks ,and one ARA fermentation tank,the biggest one as large as 260CBM.There is one powder production line and one oil production line ,daily output over 3 tons of each kind.



FERMENTATION  
WORKSHOP



extraction  
equipment



oil refining  
equipment



fat embedding  
equipment



Milling  
equipment

## ANALYSIS AND TESTING FACILITIES

Linyi Youkang has independent analysis and testing lab. Equipped with various advanced research and development, and testing equipments. We continuously conduct process and monitoring regular parameters and other potential kinds.



## REACH&DEVELOPMENT

Linyi Youkang is the functional lipid research center of Linyi City; and has established long-term cooperative relations with Nanchang University, Central South University, Henan University of Technology, Mylnefield Lipid Analysis and many other scientific research institutions, and has strong strength in new product research and development.



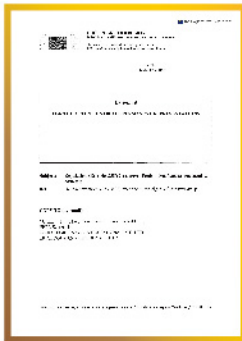


## FACTORY QUALIFICATION

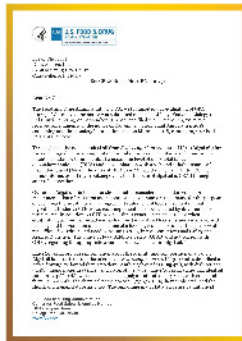
Our factory is strictly in accordance with ISO9001:2015, the international quality management systems, FSSC22000 food management system, ISO14001 Environmental Management system. we strictly control all aspects of the manufacturing process ,from procurement of raw materials to the finished products.And the whole workflow form a closed loop in standard level purification workshops.

## MARKET ADMITTANCE.

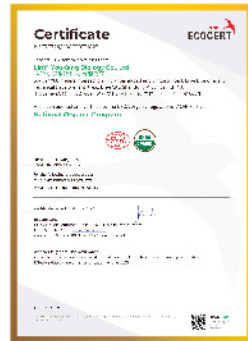
Our DHA and ARA products have been licensed for China's infant food, Novel Food in Europe & Canada, and FDA Gras in the USA USDA Organic.To vegetarian countries ,HALAL KOSHOR approved .



Novel Food



FDA GRAS



USDA Organic



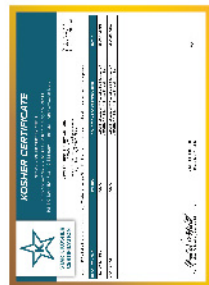
FSSC22000



HALAL



ISO9001



KOSHOR



## ALGAE DHA OIL

DHA, short for Docosaheaxaenoic Acid, is an important polyunsaturated fatty Acid. It is widely regarded as the most important omega-3 polyunsaturated fatty acid. YouKang DHA is derived entirely from micro-algae based natural sources.

Our oil is refined from crude oil derived from fermentation of the marine algae (*Schizochytrium sp.*), deep-sea single-celled algae. The crude oil is processed by physical extraction. ensure the high quality, purity and durability of the oil.



### FEATURES

- Pure source of *Schizochytrium sp.*, Non GMO,
- Plant-based source, no fishy, sustainable
- Solvent free extraction, No solvent residue, Low oxidation risk
- High DHA content, oil as high as 55%, powder 20%
- Sustainable alternative to fish oil, ECO-friendly, no pollution

### SPECIFICATION

Items	Varies	Content
Algal DHA oil	Winterization oil	40%, 45%, 50%
	Refined oil	40%, 45%, 50%
	Stearin oil	35%

### APPLICATION



Infant formula    Healthcare supplements    Gummy candies    Beverages    Snacks etc

## ALGAE DHA POWDER

Algae DHA powder is a micro encapsulated powder containing enriched Docosahexaenoic acid, an Omega-3 fatty acid derived from Schizochytrium sp. Adopt advanced technology of *microcapsule embedding*, embed sub-micro algae DHA oil into the microcapsules .



### FEATURES

- good water solubility and mobility ,
- no sifhy ,widely application ,
- plant source vegetarians usable.

### SPECIFICATION

Items	Varies	Content
Algal DHA powder	Protein formula	10%,20%
	Vegan formula	7%,10%,20%

### APPLICATION



Infant formula



Healthcare supplements



Snacks etc

## ARA OIL

ARA,arachidonic acid,ARA is an omega-6 polyunsaturated fatty acid It is an essential fatty acid and is an important structural lipi which enhances physiological activity. We make it from *Mortierella alpina* by advanced full fermentation process. There are solvent extraction and solvent-free extraction available .



### FEATURES

- Good smell and taste,good character without crystals in low temperature,
- sustainable,Eco-friendly Solvent extraction series and free solvent extraction series are available.

### SPECIFICATION

- ARA oil,40%,ARA oil 45%,
- ARA oil solvent-free extract series 40%,
- ARA oil solvent-free extract series 45%.

### APPLICATION



Infant formula



Healthcare supplements



Gummy candies





## ARA POWDER

ARA, a key nutritional infant formula ingredient, in infants and young children, the ability of babies to synthesize ARA is low. Therefore, for babies who are in the golden period of physical development, providing a certain amount of ARA in food will be more conducive to their physical development. High ARA Oil in omega-6 is encapsulated to form a free-flowing dry powder.



### FEATURES

- Light ,easily blend,
- Good fluidity and water solubility
- High stability

### SPECIFICATION

Items	Varies	Content
ARA Powder	Protein formula	10%,20%
	Vegan formula	10%,20%

### APPLICATION



Infant formula



Healthcare supplements



Snacks etc

## NEST BIRD' S POWDER

A rich blend of neuraminic acid - sialic acid and rich active glycoprotein, calcium, iron, phosphorus, iodine and vitamins, and other natural nutrients and minerals, natural and safe food.



### FEATURES

- Healthy Aging,contain vitamins providing anti-aging effects.
- Helps Improve Skin Complexion,lightening dark spots and lessening acne scars
- Helps Strengthen Immune System
- For General Well-Being
- High in protein,collagen,vitamins

### SPECIFICATION

- Sialic acid 1%,
- Sialic acid 5%

### APPLICATION



Healthcare supplement Jelly-sweets Beverages baked food

## MUSHROOM RICH IN NATURAL VITAMIN D

### Mushroom Vitamin D2

Few foods naturally contain vitamin D, but mushrooms are unique for being the only food in the produce aisle with the ability to increase its vitamin D levels through exposure to UV light or sunlight. our High Vitamin D Mushroom Powder is one o plant-based, vegan source of Vitamin D2.



### FEATURES

- Vegan source of Vitamin D,natural non-animal source
- No adhesion,no agglomeration, good water solubility and mobility
- Environment friendly,Gluten-free, non-GMO

### SPECIFICATION

- Oil 4000IU/G
- Powder 12000IU/G

### APPLICATION



Healthcare supplements



Gummy candies



Beverages



Snacks etc



## ALGAE DHA SCHIZOCHYTRIUM SP POWDER

The powder is a kind of high quality nutritive enhancer , which is purified from the cultivated algae Schizochytrium sp.by modern bioengineering technology.

It is rich in DHA, protein, nucleotide, polysaccharide, vitamin and other bioactive substances.



### FEATURES

- High DHA assay,above 18%.
- Maintain intact nutrients (e.g. protein, vitamins, phytonutrients, etc.).
- Special workflow ,concentrate food,retain the original shape, color and structure of food.
- After adding water, it can recover quickly and completely,good Solventability
- Rich in triglycerides form DHA,absorption rate higher .
- freeze-dried processed food is light, easy to carry and transport, and low freight.
- Convenient to ship,and it can be stored for a long time at room temperature without adding any preservatives.

### APPLICATION



ruminant



poultry



aquaculture





## LECITHIN DHA POWDER

Phosphatidylcholine DHA, PC-DHA  
Egg Yolk Lecithin is a new soy free supplement that provides all the benefits of lecithin without the soy. This product is a powder product made from egg yolk rich in DHA, which is processed through pretreatment, emulsification, drying, packaging and other main processes.



### FEATURES

- Pure source of egg yolk, good product smell and taste
- More easily absorbed by the human body
- High safety and nutrient-rich
- Excellent stability
- Lower blood cholesterol concentration and prevent gallstones
- Sustainable alternative to fish oil, ECO-friendly, no pollution

### APPLICATION



Healthcare supplements



Beverages



Food





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