



欣和生物
XINHE BIOTECH

诚信/创新/健康

HONESTY/INNOVATION/HEALTH



欣和生物
XINHE BIOTECH



智慧的源泉
SOURCE OF WISDOM

湖北欣和生物科技有限公司

Hubei Xinhe Biotech Co., Ltd

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湖北欣和生物科技有限公司



FSSC 22000 食品安全体系认证

Food Safety System Certification

ISO22000:2005食品安全管理体系认证

Food Safety Management System Certification

ISO 9001:2015 质量管理体系认证

Quality Management System Certification



> 公司简介

湖北欣和生物科技有限公司位于风景如画、空气清新的中国香泉之城——湖北省咸宁市。咸宁交通便利，环境优美，百年以来，享有“温泉之乡”、“桂花之乡”的美誉，堪称湖北的“瑶池花园”。

湖北欣和生物科技有限公司成立于2011年，是一家以研发与生产DHA、ARA、EPA、DPA等多不饱和脂肪酸（英文简称PUFAs）为主的专业性企业。公司注册资金8000,0000元人民币，企业用地500余亩，仅欣和生物科技研究所的投资就超过5000,0000元人民币，占地60余亩，研究所建筑面积近一万平方米。检验室、实验室、小试车间、中试车间及10万级GMP标准洁净车间一应俱全。

我们一直保持中国不饱和脂肪酸行业领导企业的地位,其关键在于科技领域创新人才的引进和部署。我们有优秀的研发团队，博士、硕士及大学本科学历以上的专业研究人员超过50人。同时，我司与华中科技大学、华中农业大学、西北农林科技大学、东北农大等省内外多家高校建立了长期的校企合作关系。截至2017年，我司共申报了9项国家发明专利，其中5项获得了国家发明专利授权证书，还获得了2项湖北省科技成果登记证书。

我们严格遵循ISO9001:2015质量管理体系、FSSC22000V4.1版食品安全管理体系生产。我们生产的DHA、ARA、EPA、DPA等Ω-3、Ω-6、Ω-9系列油剂和粉剂，其单一产品规模全国首屈一指、名列前茅。同时,欣和生物也是一家集食品酶制剂、食品添加剂、医药原料药和高档饲料添加剂等综合型研发及生产型高新技术企业。

我们秉承提升智力、呵护健康、关爱生命的宗旨，为您的睿智与健康加油！

> Company Profile

Hubei Xinhe Biotech Co., Ltd , was located in the city of Xianning which is near the capital city Wuhan, HuBei province. The transportation is convenient, and the scenery is beautiful in Xianning. For hundred years, Xianning have been enjoying the reputation of "the hometown of hot spring" and "the hometown of sweet-scented osmanthus", and was called "The Jade Pool Garden" in Hubei Province.

Hubei Xinhe Biotech Co., Ltd was founded in 2011,and committed to the research, development, production and sales of polyunsaturated fatty acids(PUFAS) like DHA, EPA, ARA, DPA and so on . The company's registered capital is 80000,000 yuan.The enterprise construction land covers an area of over 333,335 squaremeters. We had invested about 50,000,000 yuan on Biological Sciences and Technology Institute. The institute construction land covers an aera of 40,000 squaremeters, and the floor area is about 10,000 squaremeters. And have equipped with a full set of advanced equipment. Production base, test room, laboratory, the pilot plants and 100,000 class GMP Standard manufacturing plants are all well prepared.

As a leading company in this trade in China, the key factor is introduction and good deployment of innovative talents in the field of science and technology. We have an excellent R&D team, there are over 50 specialists with either PhD, master, and bachelor degree. Also we made cooperation with Huazhong University of Science and Technology, Huazhong Agricultural University, Northeast Agricultural University, Northwest Agriculture and Forestry Universty and other domestic first-class Universties. Till the year of 2017, we have declared 9 China national invention patent,and have been authorized 5 China National Invention Patent licenses, what's more,we have aquired 2 Hubei Scientific and Technological Achivements Registration Certificates.

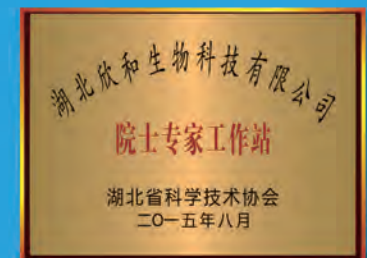
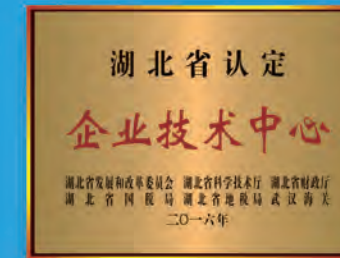
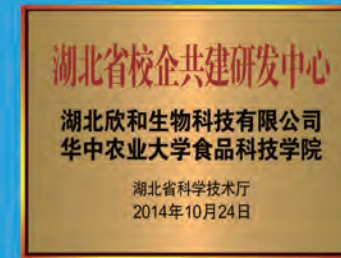
Our company is strictly in accordance with the ISO9001:2015 quality management system and FSSC22000 food management system, the leading products are DHA, ARA, DPA, EPA, and other omega-3,6,9 powder and oil series.The production scale of its single product is rank first among similar products in china. We are also a comprehensive R&D and production high-tech enterprise, making enzymes, food additives, medicine material and high grade feed additives.

We persisting the purpose of "improving intelligence,caring health, loving life" to cheer for your wisdom and health.



> 公司荣誉 Company Honors

- 1、2013年获得“年度质量管理先进单位”
In 2013, Hubei Xinhe Bio-Tech Co., Ltd was identified as Annual Advanced Unit of Quality management
- 2、2014年获得湖北省科学技术厅认定的“湖北省校企共建研发中心”
In 2014, Hubei Xinhe Bio-Tech Co., Ltd was identified as Research and Development Center Cooperative constructed by University and Enterprise
- 3、2015年获得湖北省科学技术学会认定的“院士专家工作站”
In 2015, Hubei Xinhe Bio-Tech Co.,Ltd was identified as Academician Expert Workstation by Hubei Scientific Technology Association
- 4、2016年获得湖北省知识产权局批准为“湖北省第三批知识产权示范建设企业”
In 2016, Hubei Xinhe Bio-Tech Co. Ltd was identified as the third group of Intellectual Property Rights Demonstration Construction Enterprise in Hubei Province by the Intellectual Property Office in Hubei Province
- 5、2016年荣获“高新技术企业”荣誉称号
In 2016, Hubei Xinhe Bio-Tech Co., Ltd was awarded the High and New Technology Enterprise
- 6、2016年荣获湖北咸宁高新技术委员会认定的“年度高新技术创新突出单位”
In 2016, Hubei Xinhe Bio-Tech Co.,Ltd was awarded the Annual High and New Tech Innovation Outstanding Units by the High and New Technology Committee in Xianning, Hubei Province
- 7、2016年国际山羊协会授予“世界配方羊奶粉辅料加工样板工厂”荣誉
In 2016, the International Goat Association awarded Hubei Xinhe Bio-Tech Co. Ltd Auxiliary Ingredient of Formula Powdered Milk Processing Model Factory
- 8、2016年获得中国质量信用评价中心授予“中国AAA+级质量信用证书”
In 2016, Hubei Xinhe Bio-Tech Co.,Ltd was awarded "China AAA+Level Quality Credit Certificate" by The Chinese Quality Credit Evaluation Center
- 9、2017年获得湖北省博士后管委会批准为“博士后创新实践基地”
In 2017, Hubei Post-doctorate administration committee aproved Hubei Xinhe Bio-Tech Co.,Ltd as the Post-doctor Innovation Practice Base
- 10、2017年荣获咸宁市高新区统计局颁发的“统计诚信企业”称号
In 2017, Hubei Xinhe Bio-Tech Co., Ltd was awarded Statistical Integrity Enterprise by High and New Zone Statistical Bureau in Xianning





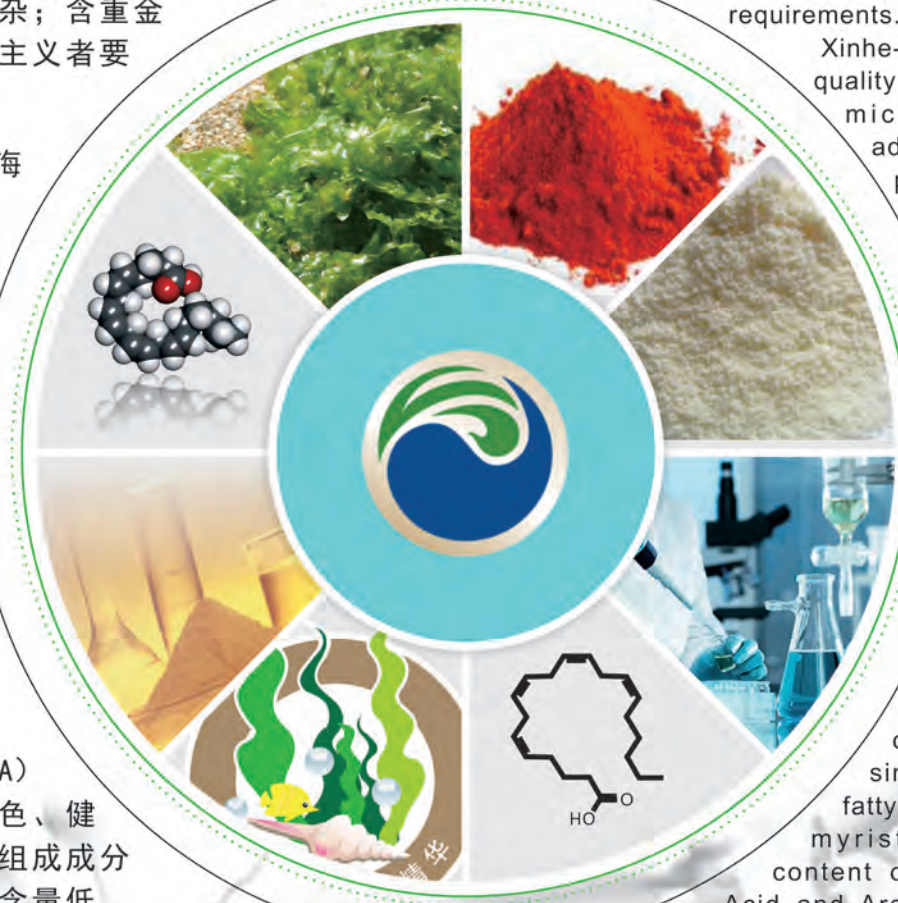
> 优质原料

High Quality Raw Material

一般认为，除了鱼和其它一些海产品外，大多数植物及动物体内很少含有DHA，牛、猪、禽肉及鸡蛋、谷物、水果、蔬菜中都不含有EPA和DHA。鱼油是传统地提取DHA等多不饱和脂肪酸的主要来源，但这存在以下缺点：

资源有限，产量不稳定；得率低；纯化工艺复杂；含重金属；不符合素食主义者要求。

欣和生物从海洋微藻中筛选优质的菌种，采用先进的发酵工艺，独创无溶剂物理分离和蒸馏技术，在HACCP控制下进行生产。欣和生物生产出来的食品级DHA藻油（二十二碳六烯酸（DHA）油脂）、花生四烯酸（ARA）油脂，纯净、绿色、健康，具有脂肪酸组成成分简单、肉豆蔻酸含量低、DHA、ARA含量高等特点。用欣和生物独有的优质原料生产出来的DHA、ARA微胶囊包埋粉末产品具有良好的水溶性、稳定性，且有较好的气味适宜性。它的生产，从原料采购到产品销售，每一步都是按照国家相关法律、法规的要求进行。2010年国家卫生部已将DHA、ARA纳入到新资源食品名录，批准其为可直接食用的新食品原料，且可以添加进婴幼儿配方奶粉和儿童调制乳粉中，也可以添加到食用油、各类副食和饮品等普通食品中。



It is generally acknowledged that most plants and animals contain little DHA except fish and some other seafood. Cattle, pigs, poultry and eggs, grains, fruits, vegetables do not contain EPA and DHA. Fish oil is the main source for traditionally extracting DHA and other polyunsaturated fatty acids, but there are some disadvantages: limited resource, instability output, low yield, complex purification process, risk of heavy metal contamination, and what's more, it does not conforming to the vegetarian requirements.

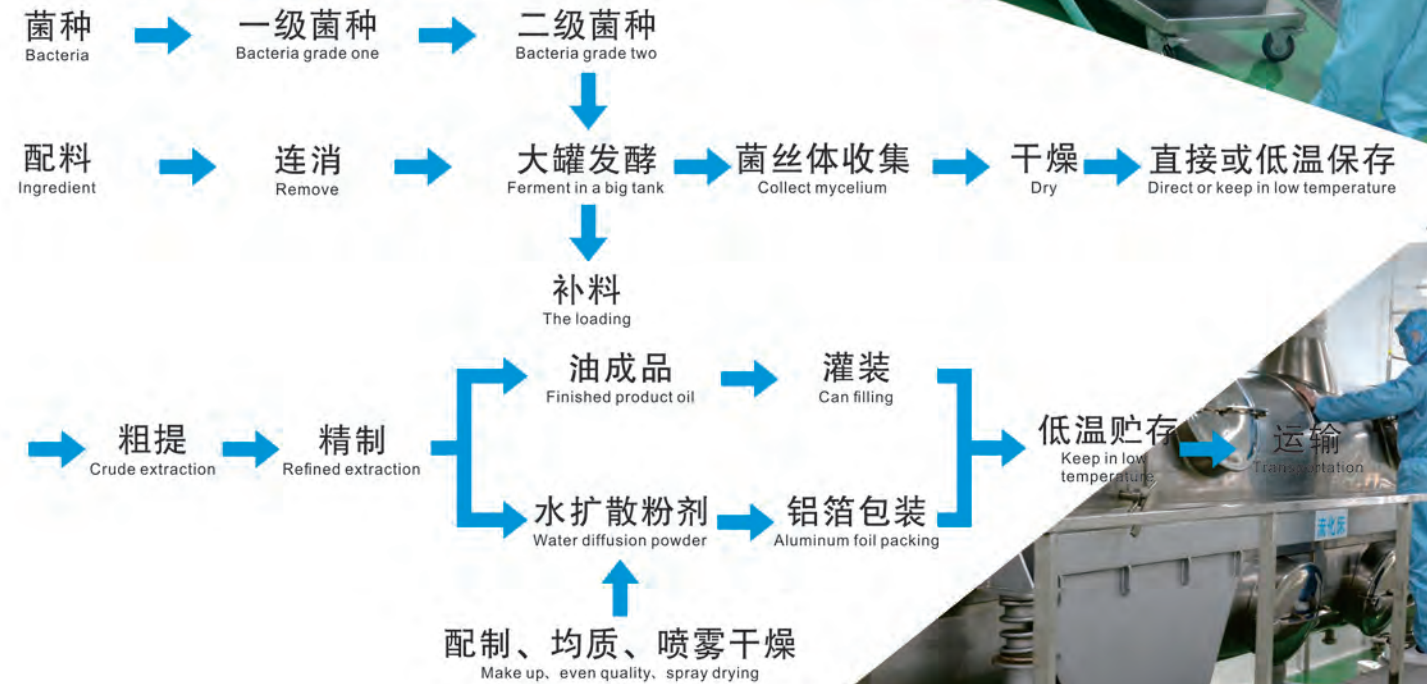
Xinhe-Bio screening for high quality strains from marine microalgae, applying advanced fermentation process and creative solvent-free physical separation and distillation technology, and producing under the control of HACCP. Xinhe-bio's food grade algae DHA (Docosahexaenoic Acid) oil, ARA (Arachidonic Acid) oil are purer, greener and healthier, they have the distinct characteristics of simple components of fatty acids, low content of myristic acid and high content of Docosahexaenoic Acid and Arachidonic Acid. DHA

algae powder and ARA powder produced with Xinhe-Bio's unique high quality DHA and ARA oil raw material possess good water solubility, excellent stability and the odor suitability are much better. We strictly comply with the requirements of national relevant laws and regulations, from raw material purchasing to final products selling. In 2010, the National Ministry of Health have added DHA and ARA into new resource food list, approve them as new food ingredients, allow DHA and ARA to be added in infant formula milk powder and children formula milk powder, also DHA and ARA can be added into common food like edible oil, other kinds of subsidiary food and drink.

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> 先进工艺

Advanced Process



以绿色为源点 共享健康之源

Base on Green
Share the Source of Health



欣和生物公司已经拥有近一万平米的研发基地，其中设有项目研发中心、质量检验中心、菌株储备中心、菌种选育中心和分析测试中心，具备各种规模的实验平台，小试车间和中试厂房。

我们拥有50多种不同的测试设备，包括原子吸收、原子荧光光谱仪、气相色谱仪、高效液相色谱仪等，完全能满足各种产品的测试和分析要求。

Xinhe-Bio Co. Ltd has a team of talents who have advanced professional technology and are complementary in their knowledge structure. Our scientific and research team are organic combined with educational background talents and experienced talents. So far, Xinhe-Bio Co. Ltd have over 50 professionals, among which about 40 professionals with bachelor degree or above, there are also well-known subject leaders in the industry, and more over, we made cooperation with Huazhong University of Science and Technology, Huazhong Agricultural University, Northeast Agricultural University, Northwest Agriculture and Forestry University and other domestic first-class Universities, and have established long-time cooperative relationship both in project R&D and talent strategic.

> 优秀人才 Excellent talents



> 专业设备 Professional instrument

Xinhe-Bio Co. Ltd already have about 10,000 square meters of research and development base. There are project R&D center, quality inspection center, strain reserve center, strain breeding center and analysis and testing center. There are all sizes of experiment platform, test room, laboratory, small workshop and pilot plants.

We have more than 50 different kinds of test equipment, including atomic absorption, atomic fluorescence spectrometer, meteorological chromatography, high performance liquid chromatography etc., which can completely meet the test and analysis requirements of all kinds of products.

欣和生物公司拥有一支专业技术领先、知识结构互补的人才队伍。科研团队学历梯度和经验梯度有机结合。目前共有专业技术人员超过50人，其中本科以上学历近40人，同时也有业内知名的课题带头人，并与华中科技大学、华中农业大学、西北农林科技大学、东北农大等国内一流大学建立了长期的项目研发合作关系和人才战略合作关系。



独创绿色提取工艺 提升品质

Unique physical green technology
Improve the quality



> 应用领域 Application

调制乳粉---加入到婴幼儿配方奶粉、婴幼儿谷物辅食
 饮料---果汁、含乳饮料
 烘焙制品--- 饼干、面包
 食用油-大豆油、橄榄油、调和油
 保健品-DHA藻油软胶囊、DHA凝胶糖果
 特膳特医-医用级孕产妇精准营养素

Formula milk powder---add into formula power and grain complementary food
 Drink---fruit juice, milk drinks
 Bake food---cookie, bread
 Edible oil---soybean oil, olive oil, blend oil
 Health care products---DHA algae softgel ,DHA jelly sweets
 Special diets, Special medical food---Medical grade accurate nutrients for maternal and pregnant woman



运用高新人才科技 创造现代生物产品

促进智慧健康生命
保障人类饮食安全

Applicate the high-tech talents and technology
 Create modern biotech products
 Promote healthy life wisdom
 Ensure food security of human



智慧的源泉
SOURCE OF WISDOM



· **DHA藻油/二十二碳六烯酸 (DHA) 油脂**
DHA Algae Oil / Docosahexaenoic Acid (DHA) Oil
 含量Content: 35%, 40%, 50%

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本产品从海洋微藻中筛选出优质的DHA菌种, 采用全自动控制先进的发酵工艺, 严格按照HACCP的要求进行生产, 更采用独创无溶剂物理分离和蒸馏技术, 其产品具有脂肪酸组成成分简单、肉豆蔻酸含量低、DHA含量高、无溶剂污染等特点。

物理性状:

外观: 本产品为澄清油状液体, 无杂质。

色泽: 呈浅黄色。

气味: 具有二十二碳六烯酸 (DHA) 特有气味。

We select high productive bacteria from the microalgae in the sea to make DHA, using advanced full automatic fermentation technology, strictly controlled by HACCP, applying creative solvent-free physical separation and distillation technology. Xinhe-Bio DHA algae oil possess the distinct characteristics of simple components of fatty acids, low content of myristic acid, high content of DHA (Docosahexaenoic Acid) and free from solvent contamination.

Physical Characteristics:

Appearance: it is white or beige powder liquid, no sediment.

Color: light yellow

Odor: with DHA oil's characteristic smell, no special smell.

项目item	指标index			项目item	指标index
DHA含量 DHA content, W%	I ≥35	II ≥40	III ≥50	游离脂肪酸 Free fatty acids, mgKOH/g max	≤0.5
反式脂肪酸Trans Fatty Acids, g/100g	≤1.0			青霉菌毒素B1 Aflatoxin B1, μg/kg	≤5.0
过氧化值 Peroxide Value, mmol/kg	≤2.5			铅Lead (Pb), mg/kg	≤0.1
酸价KOH (以KOH计, mg/g)	≤2.0			砷Arsenic (以As计), mg/kg	≤0.1
水分Moisture and Volatiles, wt%	≤0.1			汞Mercury, mg/kg	≤0.05
杂质Impurity, w/w%	≤0.1			苯并(α)芘Benzo(a)pyrene, μg/kg	≤2.0
不皂化物Unsaponifiable material, w/w%	≤4.0			溶剂残留Solvent Residue, mg/kg	≤1.0

**无溶剂
藻油DHA**



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· **二十二碳六烯酸 (DHA) 粉末**
Docosahexaenoic Acid(DHA)powder
 含量Content: 7%, 10%, 15%

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采用先进的微胶囊包埋技术, 将DHA微藻油形成亚微米级油滴稳定包埋于微胶囊中。其外观呈干燥粉末状、无粘连、结块、潮解, 有较好的水溶性, 稳定性和流动性; 色泽呈均匀一致白色或淡黄色粉末; 具有淡二十二碳六烯酸油脂气味, 无特殊气味。

物理性状:

外观: 干燥粉末状, 无粘连, 无结块

色泽: 白色或浅黄色粉末

气味: 具有二十二碳六烯酸 (DHA) 特有气味。

We adopt advanced technology of microcapsule embedding, embed sub-micro algae DHA oil into the microcapsules. Its appearance is dry powder, no adhesion, no agglomeration, no air slacking, with good water solubility and mobility.

Physical Characteristics:

Appearance: dry powder, no adhesion, agglomeration

Color: white or light yellow

Odor: with DHA's characteristic smell, no special smell.

项目item	指标index			项目item	指标index
含量Content of DHA, W%	7%	10%	15%	菌落总数 Total Plate count, CFU/g	≤1000
过氧化值 Peroxide Value, mmol/kg	≤2.5			霉菌及酵母菌 Molds and Yeasts, CFU/g	≤25
表面油Surface oil, w/w%	≤0.5			大肠菌群 Coliforms, CFU/g	≤0.3
水分Moisture and Volatiles, w/w%	≤5.0			阪崎肠杆菌 Enterobacter Sakazakii /100g	ABS
灰分Ash, w/w%	≤5.0			金黄色葡萄球菌 Staphylococcus /25g	ABS
铅 (Pb) Lead, mg/kg	≤0.1			沙门氏菌 Salmonella /25g	ABS
砷Arsenic (以As计), mg/kg	≤0.1			志贺氏菌 Shigella /25g	ABS
汞Mercury, mg/kg	≤0.05			溶血性链球菌 Hemolytic Streptococcus 25/g	ABS

**无溶剂
藻油DHA**



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· 花生四烯酸油脂 Arachidonic Acid (ARA) Oil
含量Content: 40%, 45%

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本产品采用高山被孢霉优质菌种，采用先进的全自动控制发酵工艺，严格按照HACCP的控制下进行生产。该ARA油脂产品为甘油三酯分子结构，易于人体吸收利用，气味适宜性良好。可添加于乳制品和其他营养食品中作为营养强化剂。

物理性状：

外观：本产品为橙清油状液体，无杂质。

色泽：呈浅黄色。

气味：具有花生四烯酸（ARA）特有气味。

We make it with high quality strain—*mortierella alpina* by advanced full automatic fermentation proces, strictly controlled by the HACCP. The ARA oil product is in triglycerides form, easy absorbed by human, and the odor suitability is good. It can be added into dairy products and other nutritious foods as nutritional enhancer. Physical Characteristics:

Appearance: transparant liquid oil, no sediment

Color: light yellow

Odor: with ARA oil's characteristic smell ,no special smell.

项目item	指标index		项目item	指标index
ARA含量 ARA content, W%	I ≥40	II ≥45	游离脂肪酸 Free fatty acids, mgKOH/g max	≤0.5
反式脂肪酸Trans Fatty Acids, g/100g	≤1.0		青曲霉毒素B1 Aflatoxin B1, μ g/kg	≤5.0
过氧化值 Peroxide Value, mmol/kg	≤2.5		铅Lead (Pb), mg/kg	≤0.1
酸价KOH (以KOH计, mg/g)	≤1.0		砷Arsenic (以As计), mg/kg	≤0.1
水分Moisture and Volatiles, wt%	≤0.1		汞Mercury, mg/kg	≤0.05
杂质Impurity, w/w%	≤0.1		苯并(α)芘Benzo(a)pyrene, μ g/kg	≤2.0
不皂化物Unsaponifiable material, w/w%	≤4.0		溶剂残留Solvent Residue, mg/kg	≤1.0

发酵 ARA



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· 花生四烯酸 (ARA) 粉末 Arachidonic Acid (ARA) powder
含量Content: 10%

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本产品采用公司特有微胶囊工艺，将ARA油脂形成亚微米级油滴稳定包埋于微胶囊中，在相似GMP条件下的车间进行生产，严格按照HACCP控制。产品具有良好的水溶性、稳定性和流动性。可添加于乳制品和其他营养食品、保健品中作为营养强化剂。

物理性状：

外观：干燥粉末状，无粘连，无结块

色泽：白色或浅黄色粉末

气味：具有花生四烯酸（ARA）特有气味。

We adopt advanced technology of microcapsule embedding, embed sub-micron micro algae ARA oil into the microcapsules ,produced in the GMP production environments.

Physical Characteristics:

Appearance: dry powder ,no adhesion, agglomeration

Color: white or light yellow

Odor: with ARA's characteristic smell ,no special smell.

项目item	指标index	项目item	指标index
含量Content of ARA Power, W%	10.0	菌落总数 Total Plate count ,CFU/g	≤1000
过氧化值 Peroxide Value, mmol/kg	≤2.5	霉菌及酵母菌 Molds and Yeasts, CFU/g	≤25
表面油 Surface oil, w/w%	≤0.5	大肠菌群 Coliforms, CFU/g	≤0.3
水分 Moisture and Volatiles, w/w%	≤5.0	阪崎肠杆菌 Enterobacter Sakazakii /100g	ABS
灰分 Ash, w/w%	≤5.0	金黄色葡萄球菌 Staphylococcus /25g	ABS
铅 (Pb) Lead, mg/kg	≤0.1	沙门氏菌 Salmonella /25g	ABS
砷 Arsenic (以As计), mg/kg	≤0.1	志贺氏菌 Shigella /25g	ABS
汞 Mercury, mg/kg	≤0.05	溶血性链球菌 Hemolytic Streptococcus 25/g	ABS

发酵 ARA



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· **花生四烯酸 (ARA) 粉末-羊基**
Arachidonic Acid(ARA)powder- Goat's Milk Based
 含量Content: 10%

欣和生物
 XINHE BIOTECH

为了满足配方羊奶粉等纯羊奶产品市场需求, 我公司开发出不含牛乳成分的花生四烯酸 (ARA) 粉末, 为下游客户非牛乳产品提供专用辅料。

物理性状:

外观: 干燥粉末状, 无粘连, 无结块
 色泽: 白色或浅黄色粉末
 气味: 具有花生四烯酸 (ARA) 特有气味。

To fulfill pure goat milk products markets as formula goat milk powder, we have developed Arachidonic Acid (ARA) powder that do not contain cow's milk so that we can provide our downstream customer with subsidiary material specialize for cow's milk-free products.

Physical Characteristics:

Appearance: dry powder, no adhesion, agglomeration
 Color: white or light yellow
 Odor: with ARA's characteristic smell ,no special smell.

项目item	指标index	项目item	指标index
含量Content of ARA ,W%	10.0	菌落总数 Total Plate count ,CFU/g	≤1000
过氧化值 Peroxide Value, mmol/kg	≤2.5	霉菌及酵母菌 Molds and Yeasts,CFU/g	≤25
表面油Surface oil, w/w%	≤0.5	大肠菌群 Coliforms, CFU/g	≤0.3
水分Moisture and Volatiles, w/w%	≤5.0	阪崎肠杆菌 Enterobacter Sakazakii /100g	ABS
灰分Ash, w/w%	≤5.0	金黄色葡萄球菌 Staphylococcus /25g	ABS
铅Lead (Pb), mg/kg	≤0.1	沙门氏菌 Salmonella /25g	ABS
砷Arsenic (以As计), mg/kg	≤0.1	志贺氏菌 Shigella /25g	ABS
汞Mercury, mg/kg	≤0.05	溶血性链球菌 Hemolytic Streptococcus 25/g	ABS

羊乳包埋
ARA微囊粉



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· **二十二碳六烯酸 (DHA) 粉末-羊基**
Docosahexaenoic Acid(DHA)powder- Goat's Milk Based
 含量Content: 7%, 10%

欣和生物
 XINHE BIOTECH

为了满足配方羊奶粉等纯羊奶产品市场需求, 我公司开发出不含牛乳成分的二十二碳六烯酸 (DHA) 粉末, 为下游客户非牛乳产品提供专用辅料。

物理性状:

外观: 干燥粉末状, 无粘连, 无结块
 色泽: 白色或浅黄色粉末
 气味: 具有二十二碳六烯酸 (DHA) 特有气味。

To fulfill pure goat milk products markets as formula goat milk powder, we have developed Docosahexaenoic Acid (DHA) powder that do not contain cow's milk so that we can provide our downstream customer with subsidiary material specialize for cow's milk-free products.

Physical Characteristics:

Appearance: dry powder, no adhesion, agglomeration
 Color: white or light yellow
 Odor: with DHA 's characteristic smell, no special smell.

项目item	指标index		项目item	指标index
含量Content of DHA ,W%	7%	10%	菌落总数 Total Plate count ,CFU/g	≤1000
过氧化值 Peroxide Value, mmol/kg	≤2.5		霉菌及酵母菌 Molds and Yeasts,CFU/g	≤25
表面油Surface oil, w/w%	≤0.5		大肠菌群 Coliforms, CFU/g	≤0.3
水分Moisture and Volatiles, w/w%	≤5.0		阪崎肠杆菌 Enterobacter Sakazakii /100g	ABS
灰分Ash, w/w%	≤5.0		金黄色葡萄球菌 Staphylococcus /25g	ABS
铅(Pb)Lead, mg/kg	≤0.1		沙门氏菌 Salmonella /25g	ABS
砷Arsenic (以As计), mg/kg	≤0.1		志贺氏菌 Shigella /25g	ABS
汞Mercury, mg/kg	≤0.05		溶血性链球菌 Hemolytic Streptococcus 25/g	ABS

羊乳包埋
藻油DHA微囊粉



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· **β-胡萝卜素粉末 β-Carotene Powder**
含量Content: 1%

欣和生物
XINHE BIOTECH

β-胡萝卜素 (β-carotene, 简称βC) 是维生素A (VitaminA) 的前体。它具有营养、着色的双重作用, 是联合国粮农组织和世界卫生组织食品添加剂联合专家委员会认定的A类优秀有营养的食品添加剂。湖北欣和生物科技有限公司生产的水溶性1%β-胡萝卜素粉, 它以β-胡萝卜素(纯品)为原料, 采用微胶囊技术, 喷雾干燥制得。它具有良好的流动性、在水中有良好的分散性。我们公司也可根据客户需要, 提供不同含量的β-胡萝卜素粉剂。

Beta carotene (abbreviated βC is the precursor of vitamin A (VitaminA). It has dual functions of nutrition and coloring. It is an excellent and nutritious food additive identified by FAO and WHO Joint Expert Committee on food additives. Hubei Xinhe biological technology limited company produce 1% water soluble beta carotene powder with beta carotene (pure) as raw materials, using the micro capsule technology and spray drying process. It has good fluidity and good dispersibility in water. Our company can also provide different content of beta carotene powder according to customer needs.

项目item	指标index	项目item	指标index
含量content,(g/100g), W%	≥1.0	菌落总数 Total Plate count ,CFU/g	≤1000
水分Moisture and Volatiles, w/w%	≤5.0	大肠菌群 Coliforms, CFU/g	≤0.3
灰分Ash, w/w%	≤5.0	金黄色葡萄球菌 Staphylococcus /25g	ABS
铅Lead (Pb), mg/kg	≤0.1	沙门氏菌 Salmonella /25g	ABS
砷Arsenic (以As计), mg/kg	≤0.1		

水溶性 β 胡萝卜素
微囊粉



产品目录
PRODUCTS CATALOG

欣和生物
XINHE BIOTECH

产品名称PRODUCTS	规格SPEC	产品型号MODEL	主要成分MAIN CONTAINS	常规包装REGULAR PACKING
二十二碳六烯酸 (DHA) 粉末-Docosahexaenoic acid (DHA) powder	7%、10%、15%	二十二碳六烯酸 (DHA) 粉末-牛基 cow's milk based Docosahexaenoic acid (DHA) powder	DHA藻油、牛乳清蛋白 DHA algae oil, whey protein powder	1kg铝箔袋*10袋/箱 1kg foil bag*10bags/box
	7%、10%、15%	二十二碳六烯酸 (DHA) 粉末-羊基 goat's milk based Docosahexaenoic acid (DHA) powder	DHA藻油、脱脂羊奶粉 DHA algae oil, skim goat milk powder	1kg铝箔袋*10袋/箱 1kg foil bag*10bags/box
	7%、10%、15%	二十二碳六烯酸 (DHA) 粉末-淀粉 Starch based Docosahexaenoic acid (DHA) powder	DHA藻油、淀粉 DHA algae oil, starch	1kg铝箔袋*10袋/箱 1kg foil bag*10bags/box
花生四烯酸 (ARA) 粉末 Arachidonic acid (ARA) powder	10%	牛乳清配方ARA粉 cow's milk based Arachidonic acid (ARA) powder	ARA油脂、乳糖、牛乳清蛋白 ARA oil, lactose, whey protein powder	1kg铝箔袋*10袋/箱 1kg foil bag*10bags/box
		羊乳清配方ARA粉 goat's milk based Arachidonic acid (ARA) powder	ARA油脂、羊乳清蛋白 ARA oil, skim goat milk powder	1kg铝箔袋*10袋/箱 1kg foil bag*10bags/box
		淀粉配方ARA粉 Starch based Arachidonic acid (ARA) powder	ARA油脂、淀粉 ARA oil, starch	1kg铝箔袋*10袋/箱 1kg foil bag*10bags/box
DHA藻油 DHA algae oil	35%、40%、50%	DHA藻油 DHA algae oil	二十二碳六烯酸(裂殖壶藻来源) Docosahexaenoic acid (from Schizochytrium sp.)	5kg铝瓶*4瓶/箱 5kg aluminum bottle*4bottles/box
花生四烯酸油脂 Arachidonic acid oil	40%、45%	花生四烯酸油脂 Arachidonic acid oil	花生四烯酸(高山被孢菌) Arachidonic acid (Mortierella alpina)	5kg铝瓶*4瓶/箱 5kg aluminum bottle*4bottles/box
β胡萝卜素粉末 β-carotene powder	1%	β胡萝卜素粉末 β-carotene powder	β胡萝卜素、淀粉 β-carotene, starch	1kg铝箔袋*20袋/箱 1kg foil bag*20bags/box
β胡萝卜素乳剂 β-carotene suspension	1%、2%	β胡萝卜素乳剂 β-carotene suspension	β胡萝卜素、淀粉 β-carotene, starch	5kg PP壶*4壶/箱 5kg PPpot*4pots/box

