



SHANDONG NEW ELEMENT  
BIOTECHNOLOGY CO.,LTD.

山东新元素生物科技有限公司

专业的天然维生素E和植物甾醇生产商

Professional Manufacturer of Natural Vitamin E and Phytosterol

大豆和葵花籽来源

Soy and Sunflower Sourced

山东·曲阜

Shandong·Qufu

# COMPANY PROFILE

## 公司简介

山东新元素生物科技有限公司是一家从事生物抗氧化功能制品的集研发、生产、销售于一体的科技型企业。公司成立于 2015 年 6 月，注册资金壹亿元。公司现已通过 ISO9001 质量管理体系认证、FSSC22000 食品安全体系认证、ISO14001 环境管理体系认证、ISO45001 职业健康安全管理体系认证、Halal 认证、Kosher 认证、EUROFINS 非转基因食品认证，是国家级高新技术企业、科技型中小企业、山东省专精特新中小企业、山东省瞪羚企业、山东省创新型中小企业、济宁市制造业单项冠军、济宁市劳动关系和谐企业、济宁市绿色工厂等，通过济宁市一企一技术研发中心、济宁市高端天然抗氧化物重点实验室认定。

公司产品主要有天然维生素 E、植物甾醇系列产品、角鲨烯、脂肪酸甲酯等，主要应用于食品、医药、化妆品等领域，大部分产品出口。

公司拥有各类专业技术人才，具备较强的科技创新和可持续发展能力。公司主要针对维生素 E、植物甾醇、角鲨烯等天然提取及发酵来源的抗氧化剂、营养强化剂产品进行开发及技术攻关，产品拥有多项核心竞争力，现已授权专利 20 项，制定企业标准 9 项，多次为节能降耗、节约成本、提高产品品质进行技术改造。

公司秉承“创新、高效、严谨、务实”的企业精神，充分发挥研发能力、高素质人才等优势，不断加大以绿色、健康为主题的产品研发力度，持续开发具有高技术含量的产品，以良好的信用、优质的服务与国内外多家企业建立长期的合作关系。“有朋自远方来，不亦乐乎！”公司全体员工欢迎各界友人前来参观、考察、合作、共进！

Shandong New Element Biotechnology Co., Ltd. is a technology-based enterprise engaged in the research and development, production and sales of biological antioxidant functional products. The company was established in June 2015 with a registered capital of 100 million yuan. The company has passed the ISO9001 quality management system certification, the FSSC22000 food safety system certification, the ISO14001 environmental management system certification, the ISO45001 occupational health and safety management system certification, the Halal certification, the Kosher certification, the EUROFINS non-GMO food certification, and is a national high-tech enterprise, a small and medium-sized high-tech company, a Shandong Province Specialized and Sophisticated small and medium enterprise, a Shandong Province gazelle enterprise, a Shandong Province innovative small and medium enterprise, a Jining City manufacturing single champion, a Jining city labor relations harmonious enterprise, a Jining city green factory, etc., and has passed the Jining City One Enterprise One Technology R&D Center and Jining City High-end Natural Antioxidant Key Laboratory.

Our main products are natural vitamin E (mixed tocopherols, d- $\alpha$ -tocopherol, d- $\alpha$ -tocopheryl acetate, d- $\alpha$ -tocopheryl acid succinate, etc.), phytosterol, squalene and fatty acid methyl esters. The products are mainly used in foods, medicines, cosmetics and other fields, and most of the products are exported.

The company has all kinds of professional and technical personnel, with strong scientific and technological innovation and sustainable development capabilities. The company mainly focuses on the development and technical research of antioxidants and nutritional fortifiers from natural extraction and fermentation sources such as vitamin E, phytosterols, and squalene. Products have a number of core competitiveness. We have 20 authorized patents, have formulated 9 enterprise standards, and carried out technological transformation to save energy, reduce costs, and improve product quality for many times.

New Element is adhering to the innovative, efficient, rigorous and pragmatic enterprise spirit, and exerting the advantages of research and development capabilities and high-quality talents, continuously increasing research and development efforts with the theme of green and health, and constantly developing high-tech products. With good credit and excellent service, we have established long-term cooperation relationships with many domestic and foreign companies. "It is such a delight to have friends coming from afar". All employees of the Shandong New Element welcome friends to visit, inspect, cooperate and progress together!

# 产品系列

## PRODUCT LIST



- 01 混合生育酚  
Mixed Tocopherols
- 02 混合生育酚粉  
Mixed Tocopherols Powder
- 03 D- $\alpha$ -生育酚  
D- $\alpha$ -Tocopherol
- 04 D- $\beta$ -混合生育酚  
D- $\beta$ -Mixed Tocopherols
- 05 D- $\gamma$ -混合生育酚  
D- $\gamma$ -Mixed Tocopherols
- 06 D- $\delta$ -混合生育酚  
D- $\delta$ -Mixed Tocopherols
- 07 D- $\alpha$ -醋酸生育酚  
D- $\alpha$ - tocopheryl acetate

- 08 D- $\alpha$ -醋酸生育酚粉  
D- $\alpha$ - tocopheryl acetate powder
- 09 D- $\alpha$ -琥珀酸生育酚  
D- $\alpha$ - tocopheryl acid succinate
- 10 天然维生素E (葵花籽来源)  
Natural Vitamin E (Sunflower Sourced)
- 11 生育三烯酚  
Tocotrienols
- 12 角鲨烯  
Squalene
- 13 植物甾醇  
Phytosterol

我们所收获的每一份荣誉，都是对公司的鞭策和激励。这些荣誉无时无刻不在提醒：公司必须奉行“创新、高效、严谨、务实”的企业精神与工作作风，着力于生产高品质产品、提供高效与高质量的服务，我们唯以更加严格标准要求自已，才能更好地服务好客户。

Every honor we have received is a spur and encouragement for the company. These honors remind us all the time: the company must pursue the enterprise spirit and work style of "Innovative, Efficient, Rigorous, Pragmatic", and devote ourselves to producing high-quality products and providing efficient and high-quality services. Only by setting stricter demands on ourselves with standards can we better serve our customers.

# COMPANY HONORS AND PATENTS

## 公司荣誉与专利

公司经过多年的发展，形成深厚的技术积累，所掌握的核心技术与研发能力已达到国际先进水平。面对未来，公司将加大研发投入，不断增强和提高现有产品的质量和性能，与其他公司及高校搭建技术和共享平台，开拓新型产品，增强客户的使用体验，提升产品的竞争能力。

After years of development, the company has formed a deep accumulation of technology, the core technology and R & D capabilities mastered have reached the international advanced level. In the future, the company will increase investment in research and development, continuously enhance and improve the quality and performance of existing products, build technology sharing platforms with other companies and universities, develop new products, enhance customer experience, and improve product competitiveness.



# 完备的体系认证

- ISO9001 质量管理体系认证
- FSSC22000食品安全体系认证
- Halal certificate 认证
- IP (非转基因食品) 体系认证
- Kosher certificate 认证
- ISO45001职业健康安全管理体系认证
- ISO14001环境管理体系认证
- ISO14067 d- $\alpha$ -醋酸生育酚的碳足迹认证



## 研发中心

研发中心3000平方米，研发中心下设理化检验室、仪器分析室、发酵实验室、提纯实验室、技术信息及知识产权室。

### R&D Center

Research and Development Center covers an area of 3000 m<sup>2</sup>, and is equipped with advanced experimental facility. The R&D Center is composed of physical and chemical inspection room, instrumental analysis room, fermentation experimental room, extraction and purification lab, preparation lab, technical intelligence and intellectual property room.



## 精益生产

全封闭式自动化的生产线, 兼顾产品质量与生产效率, 完全避免物料暴露隐患。

### Lean production

Hermetic automatic production line that combines quality and efficiency, which completely get rid of hidden trouble of material exposure.



## 质量保证

**原料采购:** 所有物料采购自QA批准的正规供应商。

**原料检测:** 所有的原料经QC检测和QA放行后方可接受和存储。

**过程监控:** 加工生产前进行清洗消毒, 参数全程在线检测监控, 确保所有生产环节符合工艺要求, 确保产品质量, 成品经检验合格后放行。

## Quality Assurance

**Material purchasing:** All materials are purchased from qualified suppliers approved by QA .

**Material inspection:** All materials can only be accepted after QC's testing and stored after QA's releases.

**Process monitor and control:** Cleaning and disinfection before processing; indexes are monitored on-line all through the process; make sure all production parts meet the processing art requirements, and make sure product quality; end products are released after approval.





## 混合生育酚

## Mixed Tocopherols

### 产品介绍：

混合生育酚是由大豆脂肪酸或其他食用植物油脂肪酸提取的天然抗氧化剂，为棕红色至浅黄色澄清油状液体，可广泛应用于食品、膳食补充、饲料、化妆品等领域。

### PRODUCT INTRODUCTION:

Mixed tocopherols concentrate is natural antioxidant derived from soybean fatty acid or other edible vegetable oil fatty acid. Mixed tocopherols is clear, reddish brown viscous oily liquid. It can be widely used in foods, dietary supplements, feed, and cosmetic fields.

产品名称:混合生育酚

产品规格:50%、70%、90%、95%

主要指标:

### 规格参数

混合生育酚 50%、70%、90%、95%

外观	棕红色至浅黄色澄清油状液体
总生育酚	≥50%、≥70%、≥90%、≥95%
d-(β+γ+δ)-生育酚	≥80%
酸度	≤1.0ml
比旋度[α] <sub>D25°C</sub>	≥+20°
重金属（以Pb计）	≤10ppm
符合GB1886.233、FCC、USP	

包装:1kg、5kg/铝瓶；20kg、25kg、50kg、200kg/钢桶；950kg/IBC桶。

用途:食品营养强化剂和抗氧化剂。

存储:置于阴凉干燥处，充氮密封避光保存。

### Main indicators:

### Technical Parameter

Mixed tocopherols 50%, 70%, 90%, 95%

Appearance	Brownish red to light yellow clear oily liquid
Total tocopherol	≥50%, ≥70%, ≥90%, ≥95%
D-(β+γ+δ)-tocopherol	≥80%
Acidity	≤1.0ml
Specific Rotation[α] <sub>D25°C</sub>	≥+20°
Heavy metal	≤10ppm

Conforms to GB1886.233, FCC,USP

Packing: 1kg, 5kg/aluminum bottle; 20kg, 25kg, 50kg, 200kg/steel drum; 950 kg/IBC tank.

Usage: Food fortification agents and antioxidants.

Storage: Store in tightly closed containers, fill with nitrogen, keep in cool and dry. Protect from heat, light and oxygen.



### 产品介绍：

混合生育酚粉是由混合生育酚油，添加辛烯基琥珀酸淀粉钠等经微胶囊包埋技术加工制成的，为浅黄色粉末，可广泛应用于膳食补充剂、食品、化妆品，以改善产品的营养和稳定性。

### PRODUCT INTRODUCTION:

Mixed tocopherols powder is made by microencapsulation technology by adding starch sodium octenyl succinate to mixed tocopherols concentrate. It is a light yellow powder, and can be widely used in dietary supplements, foods, and cosmetics to improve the nutrition and stability of the products.

## 混合生育酚粉

## Mixed Tocopherols Powder

产品名称：混合生育酚粉

产品规格：30%

主要指标：

### 规格参数

混合生育酚粉30%

外观	淡黄色流动性粉末
总生育酚	≥30%
目数	全部通过40目标准筛
水分	≤5.0%
铅	≤2.0mg/kg
砷	≤2.0mg/kg
符合GB26687	

包装：1kg、5kg/铝箔袋；20kg、25kg/全纸桶。

用途：固体营养补充剂、含油脂食品抗氧化剂。

存储：置于阴凉干燥处，密封避光保存。

### Main indicators:

### Technical Parameter

Mixed Tocopherols Powder 30%

Appearance	Pale yellow flowing powder
Total Tocopherols	≥30%
Particle Size	All pass through the sieve of 40 mesh
Loss On Drying	≤5.0%
Lead	≤2.0mg/kg
Arsenic	≤2.0mg/kg
Conforms to GB26687	

Packing: 1kg, 5kg/aluminum foil bag; 20kg, 25kg/fiber drum.

Usage: For solid nutrient supplement, antioxidant in oil/fat-containing foods.

Storage: Store in tightly closed containers, keep in cool and dry. Protect from heat, light and oxygen.



#### 产品介绍：

D-α-生育酚为棕红色至浅黄色澄清油状液体,可广泛应用于营养强化剂、营养食品。

#### PRODUCT INTRODUCTION:

D-alpha- tocopherol is clear, brownish red to slight yellow, viscous oil, which can be widely used in nutritional supplements and nutritious foods.

## D-α-生育酚

## D-α- Tocopherol

产品名称:d-α-生育酚

产品规格:1000IU、1100IU、1200IU、1300IU、1490IU

主要指标:

#### 规格参数

d-α-生育酚1000IU、1100IU、1200IU、1300IU、1490IU

外观	棕红色至浅黄色澄清油状液体
含量	≥67.1%、≥73.8%、≥80.5%、≥87.2%、≥96.0%
酸度	≤1.0ml
比旋度[α] <sub>D25°C</sub>	≥+24°
重金属（以Pb计）	≤10ppm

符合GB1886.233、USP、EP和FCC

包装:1kg、5kg/铝瓶; 20kg、25kg、50kg、200kg/钢桶; 950kg/IBC桶。

用途:营养补充- 软胶囊、营养食品、个人护理及化妆品。

存储:置于阴凉干燥处, 充氮密封避光保存。

#### Main indicators:

#### Technical Parameter

D-alpha-tocopherol 1000IU, 1100IU, 1200IU, 1300IU, 1490IU

Appearance	Clear,brownish red to slight yellow,viscous oil
Content	≥67.1%, ≥73.8%, ≥80.5%, ≥87.2%, ≥96.0%、
Acidity	≤1.0ml
Specific Rotation[α] <sub>D25°C</sub>	≥+24°
Heavy metal	≤10ppm

Conforms to GB1886.233, USP, EP and FCC

Packing: 1kg, 5kg/aluminum bottle; 20kg, 25kg, 50kg, 200kg/steel drum; 950 kg/IBC tank.

Usage: For nutrient supplement- soft gels, nutritional foods, personal care and cosmetics.

Storage: Store in tightly closed containers, fill with nitrogen, keep in cool and dry. Protect from heat, light and oxygen.



## D-β-混合生育酚

## D-β-Mixed Tocopherols

### 产品介绍：

D-β-混合生育酚是富含β生育酚的天然抗氧化剂。产品为棕红色至浅黄色澄清油状液体，应用于人类食品及动物饲料中。

### PRODUCT INTRODUCTION:

D-β-mixed tocopherols is a kind of natural antioxidant rich in β tocopherol. The product is a reddish brown to light yellow clear oily liquid, used in human foods and animal feeds.

产品名称:d-β-混合生育酚

产品规格:60%

主要指标:

规格参数	
d-β-混合生育酚60%	
外观	棕红色至浅黄色澄清油状液体
d-β-生育酚	≥60%
酸度	≤1.0ml
比旋度[α]D25℃	≥+20°
重金属（以Pb计）	≤10ppm
符合GB1886.233、FCC	

包装:1kg、5kg/铝瓶；20kg、25kg、50kg、200kg/钢桶；950kg/IBC桶。

用途:用作人类食品及宠物饲料的营养强化剂。

存储:置于阴凉干燥处，充氮密封避光保存。

### Main indicators:

Technical Parameter	
D-β-Mixed Tocopherols 60%	
Appearance	Brown red to light yellow clear oily liquid
D-β-tocopherol	≥60%
Acidity	≤1.0ml
Specific Rotation[α]D25℃	≥+20°
Heavy Metals	≤10ppm
Conforms to GB1886.233, FCC	

Packing: 1kg, 5kg/aluminum bottle; 20kg, 25kg, 50kg, 200kg/steel drum; 950kg/IBC tank.

Usage: Used as nutritional fortifier in human food or animal feed.

Storage: Store in tightly closed containers, fill with nitrogen, keep in cool and dry. Protect from heat, light and oxygen.



## D-γ-混合生育酚

## D-γ-Mixed Tocopherols

### 产品介绍：

D-γ-混合生育酚是富含γ生育酚的天然抗氧化剂。产品为棕红色至浅黄色澄清油状液体，广泛应用于人类食品及动物饲料中。

### PRODUCT INTRODUCTION:

D-γ-mixed tocopherols is a kind of natural antioxidant rich in γ tocopherol. The product is a reddish brown to light yellow clear oily liquid, widely used in human foods and animal feeds.

产品名称:d-γ-混合生育酚

产品规格:70%、80%

主要指标:

规格参数	
d-γ-混合生育酚70%、80%	
外观	棕红色至浅黄色澄清油状液体
d-γ-生育酚	≥70%、≥80%
酸度	≤1.0ml
比旋度[α] <sub>D25°C</sub>	≥+20°
重金属（以Pb计）	≤10ppm
符合GB1886.233、FCC	

包装:1kg、5kg/铝瓶；20kg、25kg、50kg、200kg/钢桶；950kg/IBC桶。

用途:用作人类食品及宠物饲料的营养强化剂。

存储:置于阴凉干燥处，充氮密封避光保存。

### Main indicators:

Technical Parameter	
D-γ-Mixed Tocopherols 70%,80%	
Appearance	Brown red to light yellow clear oily liquid
D-γ-tocopherol	≥70%,≥80%
Acidity	≤1.0ml
Specific Rotation[α] <sub>D25°C</sub>	≥+20°
Heavy Metals	≤10ppm
Conforms to GB1886.233, FCC	

Packing: 1kg, 5kg/aluminum bottle; 20kg, 25kg, 50kg, 200kg/steel drum; 950kg/IBC tank.

Usage: Used as nutritional fortifier in human food or animal feed.

Storage: Store in tightly closed containers, fill with nitrogen, keep in cool and dry. Protect from heat, light and oxygen.



## D-δ-混合生育酚

## D-δ-Mixed Tocopherols

### 产品介绍：

D-δ-混合生育酚是富含δ生育酚的天然抗氧化剂。产品为棕红色至浅黄色澄清油状液体，广泛应用于人类食品及动物饲料中。

### PRODUCT INTRODUCTION:

D-δ-mixed tocopherols is a kind of natural antioxidant rich in δ tocopherol. The product is a reddish brown to light yellow clear oily liquid, widely used in human foods and animal feeds.

产品名称:d-δ-混合生育酚

产品规格:70%、90%

主要指标:

规格参数	
d-δ-混合生育酚70%、90%	
外观	棕红色至浅黄色澄清油状液体
d-δ-生育酚	≥70%、≥90%
酸度	≤1.0ml
比旋度[α]D25℃	≥+20°
重金属（以Pb计）	≤10ppm
符合GB1886.233、FCC	

包装:1kg、5kg/铝瓶；20kg、25kg、50kg、200kg/钢桶；950kg/IBC桶。

用途:用作人类食品及宠物饲料的抗氧化剂。

存储:置于阴凉干燥处，充氮密封避光保存。

### Main indicators:

Technical Parameter	
D-δ-Mixed Tocopherols 70%,90%	
Appearance	Brown red to light yellow clear oily liquid
D-δ-tocopherol	≥70%,≥90%
Acidity	≤1.0ml
Specific Rotation[α]D25℃	≥+20°
Heavy Metals	≤10ppm
Conforms to GB1886.233, FCC	

Packing: 1kg, 5kg/aluminum bottle; 20kg, 25kg, 50kg, 200kg/steel drum; 950kg/IBC tank.

Usage: Used as antioxidant in human food or animal feed.

Storage: Store in tightly closed containers, fill with nitrogen, keep in cool and dry. Protect from heat, light and oxygen.



## D-α-醋酸生育酚

## D-α-Tocopheryl Acetate

### 产品介绍：

D-α-醋酸生育酚或称d-α生育酚醋酸酯，为浅棕色至浅黄色澄清油状液体，可广泛应用于保健胶囊和液体制剂、化妆品等的生产。

### PRODUCT INTRODUCTION:

D-alpha- tocopheryl acetate concentrate is slight light brownish to slight yellow, viscous oily liquid. It can be widely used in the production of health capsules, liquid preparations, cosmetics, etc.

产品名称：d-α-醋酸生育酚

产品规格：1000IU、1100IU、1200IU、1300IU、1360IU

主要指标：

### 规格参数

d-α-醋酸生育酚1000IU、1100IU、1200IU、1300IU、1360IU

外观	浅棕色至浅黄色油状液体
含量	≥73.5%、≥80.9%、≥88.2%、≥95.6%、≥96%
酸度	≤0.5ml
比旋度[α] <sub>D25°C</sub>	≥+24°
重金属（以Pb计）	≤10ppm

符合GB1886.233、USP和EP

包装：1kg、5kg/铝瓶；20kg、25kg、50kg、200kg/钢桶；950 kg/IBC桶。

用途：营养补充- 软胶囊、化妆品、营养食品。

存储：置于阴凉干燥处，充氮密封避光保存。

### Main indicators:

### Technical Parameter

D-alpha- tocopheryl acetate 1000IU, 1100IU, 1200IU, 1300IU, 1360IU

Appearance	Slight brownish to slight yellow, viscous oily liquid
Content	≥73.5%, ≥80.9%, ≥88.2%, ≥95.6%, ≥96%
Acidity	≤0.5ml
Specific Rotation[α] <sub>D25°C</sub>	≥+24°
Heavy metal	≤10ppm

Conforms to GB1886.233, USP and EP

Packing: 1kg, 5kg/aluminum bottle; 20kg, 25kg, 50kg, 200kg/steel drum; 950 kg/IBC tank.

Usage: For nutrient supplement- soft gels, nutrient in cosmetics, nutritional foods.

Storage: Store in tightly closed containers, fill with nitrogen, keep in cool and dry. Protect from heat, light and oxygen.



## D-α-醋酸生育酚粉

## D-α-Tocopheryl Acetate Powder

### 产品介绍：

D-α-醋酸生育酚粉是由醋酸酯油经微胶囊技术制造的细小颗粒。可广泛应用于膳食补充剂、食品，以改善产品的营养性和稳定性。

### PRODUCT INTRODUCTION:

D-α-tocopheryl acetate powder is made of d-α-tocopheryl acetate concentrate by microencapsulation technology. It can be widely used in dietary supplements and foods to improve the nutrition and stability of products.

产品名称: d-α-醋酸生育酚粉 700IU、d-α-醋酸生育酚粉 950IU

产品规格: 700IU、950IU

主要指标:

### 规格参数

d-α-醋酸生育酚粉700IU、950IU

外观	白色至类白色粉末
含量	≥51.5%、≥69.8%
干燥失重	≤5.0%
铅	≤1.0mg/kg
砷	≤1.0mg/kg

符合GB26687和EP

包装: 1kg、5kg/铝箔袋; 20、25kg/全纸桶。

用途: 干混、压片; 固体食品、固体饮料及水基食品中的营养素。

存储: 置于阴凉干燥处, 真空包装避光保存。

### Main indicators:

### Technical Parameter

D-alpha- tocopheryl acetate powder 700IU,950IU

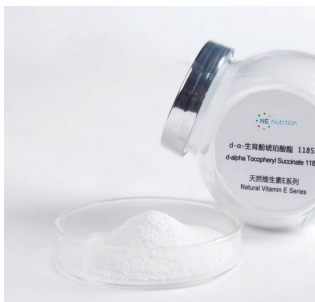
Appearance	White to off-white powder
Content	≥51.5%, ≥69.8%
Loss On Drying	≤5.0%
Lead	≤1.0mg/kg
Arsenic	≤1.0mg/kg

Conforms to GB26687 and EP

Packing: 1kg, 5kg/aluminum foil bag; 20kg, 25kg/fiber drum.

Usage: For dry mixes, tablets; for nutrient in solid foods, solid beverages, and water-based foods.

Storage: Store in tightly closed containers, keep in cool and dry. Protect from heat, light and oxygen.



## D-α-琥珀酸生育酚

## D-α-Tocopheryl Acid Succinate

### 产品介绍：

d-α-琥珀酸生育酚或称d-α-生育酚琥珀酸酯，外观为白色至类白色颗粒或粉末，具有更高的稳定性及生物效能，方便运输存储。可用于压制多维片，硬质胶囊的灌装等。

### PRODUCT INTRODUCTION:

D-alpha-tocopherol acid succinate is white to off-white granular or powder, has higher stability and biological efficiency, easy to be transported and storage. And it can be used for pressing multivitamin tablets, filling capsules, etc.

产品名称:d-α-琥珀酸生育酚

产品规格:1185IU、1210IU

主要指标:

### 规格参数

d-α-琥珀酸生育酚1185IU、1210IU

外观	白色至类白色颗粒或粉末
含量	96.0%~102.0%
酸度	18.0~19.3ml
比旋度[α] <sub>D</sub> 25℃	≥ +24°
重金属（以Pb计）	≤10ppm

符合GB1886.233、USP和EP

包装:内包装25kg/食品级聚乙烯内膜袋，外包装全纸桶。

用途:干混、粉末产品、压片、硬胶囊、多种维生素。

存储:置于阴凉干燥处，密封避光保存。

### Main indicators:

### Technical Parameter

D-alpha- tocopheryl succinate 1185IU, 1210IU

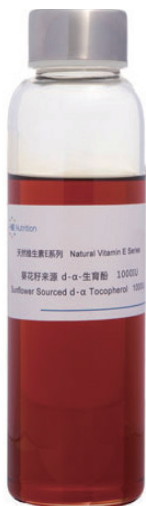
Appearance	White to off-white granular or powder
Content	96.0%~102.0%
Acidity	18.0~19.3ml
Specific Rotation[α] <sub>D</sub> 25℃	≥+24°
Heavy metal	≤10ppm

Conforms to GB1886.233, USP and EP

Packing: 25kg/fiber drum with food grade polyethylene inner bag.

Usage: For dry mixes, powders, tablets, hard capsules, multi-vitamins.

Storage: Store in tightly closed containers, keep in cool and dry. Protect from heat, light and oxygen.



## 天然维生素E (葵花籽来源)

## Natural Vitamin E (Sunflower Sourced)

### 产品介绍：

天然维生素E (葵花籽来源) 是由葵花籽脂肪酸提取的天然抗氧化剂, 为棕红色至浅黄色澄清油状液体, 可广泛应用于食品、膳食补充、饲料等领域。

### PRODUCT INTRODUCTION:

Natural vitamin E (Sunflower Sourced) is a natural antioxidant extracted from sunflower seed fatty acid. It is brownish red to light yellow clear oily liquid and can be widely used in foods, dietary supplements, animal feeds.

产品名称: 天然维生素E (葵花籽来源)

产品规格: 70%、95% (总生育酚计); 1000IU、1300IU (d-α-生育酚计)

主要指标:

### 规格参数

总生育酚计: 70%, 95%; d-α-生育酚计: 1000IU, 1300IU

外观	棕红色至浅黄色澄清油状液体
含量	≥70%, ≥95% (总生育酚计); ≥67.1%, ≥87.2% (d-α-生育酚计)
酸度	≤1.0ml
比旋度[α] <sub>D25°C</sub>	≥+20°
硫酸盐灰分	≤0.1%
符合E306	

包装: 1Kg、5kg/铝瓶; 20kg、25kg、50kg、200kg/钢桶; 950kg/IBC桶。

用途: 食品营养强化剂和抗氧化剂。

存储: 置于阴凉干燥处, 充氮密封避光保存。

### Main indicators:

### Technical Parameter

Calculated as total tocopherol: 70%, 95%; Calculated as d-α-tocopherol: 1000IU, 1300IU

Appearance	Brownish red to light yellow clear oily liquid
Assy	70%, 95% (Calculated as total tocopherol); ≥67.1%, ≥87.2% (Calculated as d-α-tocopherol)
Acidity	≤1.0ml
Specific Rotation[α] <sub>D25°C</sub>	≥+20°
Sulfate ash	≤0.1%

Conforms to E306

Packing: 1kg, 5kg/aluminum bottle; 20kg, 25kg, 50kg, 200kg/steel drum; 950kg/IBC tank.

Usage: For food nutrient fortifiers and antioxidants.

Storage: Store in tightly closed containers, fill with nitrogen, keep in cool and dry. Protect from heat, light and oxygen.



# 生育三烯酚

## Tocotrienols

### 产品介绍：

生育三烯酚在抗氧化性能、降低胆固醇、抑制癌症等方面具有独特的生理功能，并且在某些方面具有比生育酚更优越的生理功能，在保健食品应用方面具有重要的价值。

### PRODUCT INTRODUCTION:

Tocotrienols has unique physiological function in antioxidant property, cholesterol reduction, cancer inhibition and so on, and has more superior physiological functions than tocopherol in some aspects, and has more important values in health food application.

产品名称:生育三烯酚

产品规格:85% (米糠油来源),92% (棕榈油来源)

主要指标:

### 规格参数

生育三烯酚	85% (米糠油来源)	92% (棕榈油来源)
外观	棕红色至浅黄色澄清油状液体	
总生育三烯酚及生育酚含量	≥85%	≥92%
总生育酚含量	≥40%	≥15%
总生育三烯酚含量	≥42.5%	≥65%
酸度	≤1.0 ml	≤1.0 ml

符合企业标准

包装:1Kg、5kg/铝瓶; 20kg、25kg、50kg、200kg/钢桶; 950kg/IBC桶。

用途: 食品营养强化剂和抗氧化剂。

存储: 置于阴凉干燥处, 充氮密封避光保存。

### Main indicators:

### Technical Parameter

Tocotrienols	85%(rice source)	92%(palm source)
Appearance	Brown red to light yellow clear oily liquid	
Total Tocotrienols and Tocopherols Assay	≥85%	≥92%
Total Tocopherols Assay	≥40%	≥15%
Total Tocotrienols Assay	≥42.5%	≥65%
Acidity	≤1.0 ml	≤1.0 ml

Conforms to the enterprise standards

Packing: 1kg,5kg/aluminum bottle; 20kg,25kg,50kg,200kg/steel drum; 950kg/IBC tank.

Usage: Used as health foods.

Storage: Store in tightly closed containers,fill with nitrogen ,keep in cool and dry. Protect from heat,light and oxygen.



## 植物甾醇

## Phytosterol

### 产品介绍：

植物甾醇由天然大豆馏出物中提取,由自然比例的 $\beta$ -谷甾醇、菜油甾醇、菜籽甾醇、豆甾醇等构成。在常温常态下为白色粉末,具有营养价值高、生理活性强等特点。

### PRODUCT INTRODUCTION:

Phytosterols are derived from soybean oil deodorized distillate, and it is composed of  $\beta$ -sitosterol, campesterol, brassicasterol, stigmasterol in natural proportion. It is white powder at normal temperature, with high nutritional value, strong physiological activity, etc.

产品名称:植物甾醇

产品规格:90%、95%

主要指标:

### 规格参数

植物甾醇 90%、95%

外观	白色至类白色结晶性颗粒或粉末,有特殊气味
干燥失重	$\leq 4.0\%$
总甾醇含量	$\geq 90\%$ 、 $\geq 95\%$
菜籽甾醇含量	$\leq 10\%$
菜油甾醇含量	$\geq 15\%$
$\beta$ -谷甾醇含量	$\geq 30\%$
豆甾醇	$\geq 12\%$

符合企业标准

包装:25kg/全纸桶。

用途:营养补充剂、干混、营养食品。

存储:置于阴凉干燥处。

### Main indicators:

### Technical Parameter

Phytosterol 90%, 95%

Appearance	White to off-white granular or powder, with characteristic odor
Loss On Drying	$\leq 4.0\%$
Phytosterol content	$\geq 90\%$ , $\geq 95\%$
Brassicasterol content	$\leq 10\%$
Campesterol content	$\geq 15$
$\beta$ -sitosterol content	$\geq 30\%$
Stigmasterol	$\geq 12\%$

Conforms to the enterprise standards

Packing: 25kg/fiber drum.

Usage: For nutrient supplements, dry mixes, nutritional foods.

Storage: Store in tightly closed containers, keep in cool and dry. Protect from heat, light and oxygen.



## 角鲨烯

# Squalene

### 产品介绍：

本品由植物油脱臭馏出物中提取而来，为浅黄色至棕红色油状液体，是一种重要生物活性物质，可广泛用于化妆品、医药、食品等领域。

### PRODUCT INTRODUCTION:

Squalene is light yellow to brownish red clear oily liquid, derived from the vegetable oil fatty acid. It is an important biological active substance which can be widely used in cosmetics, medicines, foods and other fields.

产品名称：角鲨烯

产品规格：20%、30%、50%

主要指标：

#### 规格参数

角鲨烯 20%、30%、50%

外观

浅黄色至棕红色油状液体

含量

≥20%、≥30%、≥50%

符合企业标准

包装：25kg、50kg、200kg/钢桶；950kg/IBC桶。

存储：置于阴凉干燥处，密封避光保存。

### Main indicators:

#### Technical Parameter

Squalene 20%, 30%, 50%

Appearance

Light yellow to brownish red clear oily liquid

Content

≥20%, ≥30%, ≥50%

Conforms to the enterprise standards

Packing: 25kg, 50kg, 200kg/steel drum; 950kg/IBC tank.

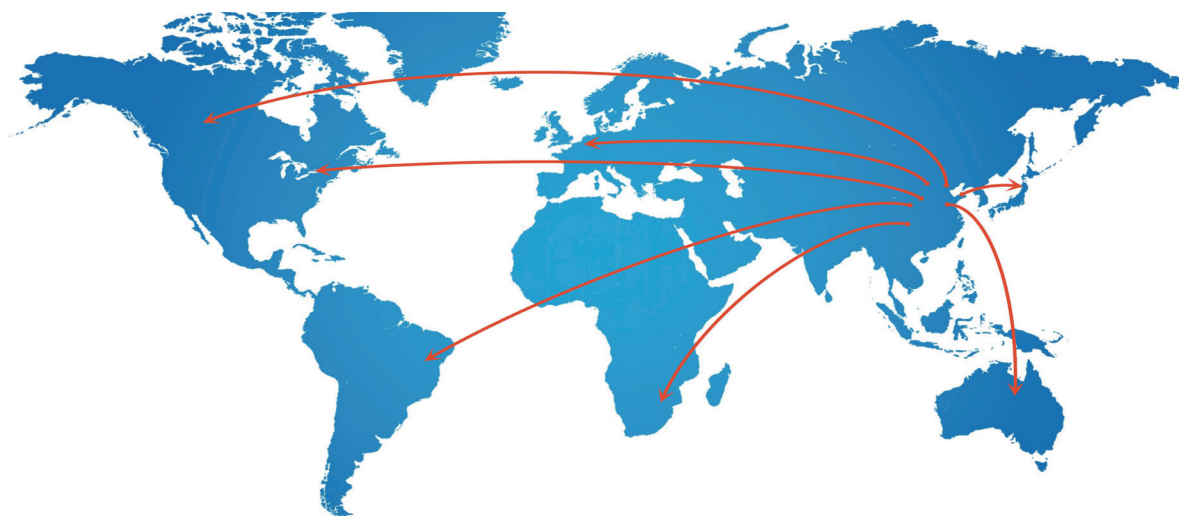
Storage: Store in tightly closed containers, keep in cool and dry, protect from heat light and oxygen.

# 营销网络

## MARKETING NETWORK

尊重客户，关注客户，恪守公平交易的原则，为客户的利益着想，做客户永远的伙伴，是公司一直坚持和倡导的服务理念。我们将努力站在客户的立场上去研究、设计和改进产品，建立起一套以客户为中心的服务机制，严控售前、售中和售后服务，高度重视客户意见，把处理客户意见作为服务满意度的最重要一环。

Respecting customers, paying attention to customers, abiding by the principle of fair trade, thinking for customers' interests, and being customers' permanent partners are the service concepts that the company has always adhered to and advocated. We will strive to research, design and improve products from the customer's standpoint, establish a customer-centered service mechanism, strictly control pre-sale, sales and after-sales services, attach great importance to customer opinions, and treat customer opinions as the most important part of service satisfaction.



凭借卓越的创新技术、精益求精的品质保障、客户至上的服务理念，公司产品已经畅销到全国各地，与国内众多大型知名企业保持着长期紧密的合作关系，并远销到美洲、欧洲、日本、韩国、印度、澳大利亚等多个国家和地区。

With its excellent innovative technology, quality assurance and customer-oriented service concept, the company's products have sold well all over the country, maintained long-term close cooperation with many large and well-known domestic enterprises, and exported to many countries and regions such as the Americas, Europe, Japan, South Korea, India, Australia and so on.

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