

Nutrition Supplement Alpha Tocopherol CAS 10191-41-0 Vitamin E Powder

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-10191-41-0
- Minimum Order Quantity: 1KG
- Packaging Details: 1kg, 5kg, 15kg, 20kg, 25kg can be packed in different specifications. Packaging can be customized according to customer requirements. Aluminium foil bag and carton.
- Delivery Time: 7-15days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T



Product Specification

- Product Name: DL- α -Tocopherol
- CAS NO: 10191-41-0
- Purity: 99%
- Shelf Life: 2 Years

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Product Description

Specifications:

Product Name:	DL- α -Tocopherol
Synonyms:	ALL-RAC-ALPHA-TOCOPHEROL;(+/-)-ALPHA-TOCOPHEROL;(+/-)-ALPHA-TOCOFEROL;ALPHA-TOCOPHEROLUM;ALPHA-DL-TOCOPHEROL;5,7,8-TRIMETHYLTOCOL;A-TOCOPHEROL;IRGANOX E 201
CAS:	10191-41-0
MF:	C ₂₉ H ₅₀ O ₂
MW:	430.71
EINECS:	233-466-0
Melting point	2-4°C
alpha	[α]D ₂₀ - 0.02 - +0.02° (neat)
Boiling point	200-220°C 0,1mm
density	0.950 g/mL at 20 °C(lit.)
refractive index	n ₂₀ /D 1.506
Fp	240°C
storage temp.	2-8°C
solubility	H ₂ O: insoluble
pka	11.40±0.40(Predicted)
form	Pale yellow oil
color	Colourless to Dark Yellow

Description:

DL-alpha-tocopherol, CAS 10191-41-0, is a vitamin E widely used in the chemical industry and related fields. It is a naturally occurring antioxidant compound composed of tocopherol molecules linked to chiral carbon atoms. DL- α -tocopherol has a wide range of applications due to its unique chemical and physiological properties.

DL-alpha-tocopherol, also known as vitamin E, is a lipophilic antioxidant that protects cells from oxidative damage by neutralizing free radicals and reactive oxygen species. It plays a vital role in maintaining healthy skin, eyes and nervous system, and has been shown to have anti-cancer, anti-inflammatory and immune-boosting properties.

An important application of DL-alpha-tocopherol is in cosmetics, especially in creams, lotions and masks. It is a key ingredient in many anti-aging products because of its ability to improve skin tone, texture and elasticity. DL-alpha-tocopherol also acts as a sunscreen, protecting the skin from UV rays. Additionally, it has been shown to have wound-healing properties, making it a beneficial ingredient for accelerating healing of cuts and bruises.

In the nutraceutical industry, DL-alpha-tocopherol is marketed as a supplement to support cardiovascular health and overall well-being. It has been shown to lower cholesterol levels and lower blood pressure, thereby reducing the risk of heart disease and stroke. DL-alpha-tocopherol also plays a vital role in maintaining bone health by promoting bone growth and density, reducing the risk of osteoporosis. In addition, it can help enhance the absorption of iron from food, which is beneficial for patients with iron deficiency anemia.

Application:

CAS 10191-41-0 corresponds to DL-alpha-tocopherol, which is a form of vitamin E. Due to its antioxidant properties and beneficial effects on human health, DL-alpha-tocopherol has multiple applications in different industries. Here are some noteworthy applications of DL-alpha-tocopherol:

- 1. Nutraceuticals and dietary supplements:** DL- α -tocopherol is widely used as an ingredient in nutraceuticals and dietary supplements. It is known for its antioxidant activity, helping to protect cells from oxidative damage caused by free radicals. DL-alpha-tocopherol supplements are used to support overall health and well-being, strengthen the immune system, and promote cardiovascular health.
- 2. Cosmetics and Personal Care Products:** DL-alpha-tocopherol is a common ingredient in cosmetics and personal care products, especially in skin care formulas. Its antioxidant properties help protect skin from environmental stressors and free radicals that can cause premature aging. DL-alpha-tocopherol is commonly found in moisturizers, serums, and anti-aging creams and helps improve skin hydration, elasticity, and overall appearance.
- 3. Food and beverage industry:** DL- α -tocopherol is used as a natural antioxidant and nutritional fortifier in the food and beverage industry. It helps extend the shelf life of food by preventing oxidation and rancidity. DL-alpha-tocopherol is added to a variety of food products, including oils, margarines, cereals and snacks, to maintain product quality and freshness. Additionally, it is used in fortified foods to increase their vitamin E content and provide health benefits.
- 4. Pharmaceutical applications:** DL- α -tocopherol is used in pharmaceutical preparations, mainly as an ingredient in oral and topical drugs. Its antioxidant properties help stabilize pharmaceutical formulations and protect active ingredients from degradation. DL-alpha-tocopherol is also used in dermatological products such as ointments and creams to soothe and protect the skin.
- 5. Animal feed and veterinary products:** DL-alpha-tocopherol is added to animal feed and veterinary products to enhance the health and well-being of animals. It acts as an antioxidant, protecting animal cells and tissues from oxidative stress. Supplementing animal feeds with DL-alpha-tocopherol can help support their immune systems, reproductive health, and overall growth.

Advantage:

1. Firsky (Wuhan) continues to make efforts to steadily offer clients high-quality items. We have put in place a reliable internal quality management system and are always working to increase quality, decrease deviation, and eliminate waste.
2. If you have any questions, don't hesitate to ask them; we'll get back to you within 48 hours.
3. After getting the items, if you have any questions, don't hesitate to get in touch with us. We promise to compensate you in full if we were the source of the loss.

FAQ:

How do I make a purchase?

We advise that you speak with our customer support personnel before placing an order because the market price of chemical raw materials fluctuates often.

1. Please let me know which products you require and how many of each you need.
2. We will provide you with the best pricing right away, including delivery charges.
3. If the price seems reasonable to you, you can select a payment option to complete the transaction.
4. After we confirm your payment, your shipment will be wrapped and dispatched within 24 hours.
5. Two days after the package is sent out, a tracking number and packing photo will be provided.
6. We wish you a wonderful shopping experience and encourage you to get in touch with us if there are any problems.

Which delivery alternatives are available?

All Fushikai orders are shipped from Japan using FEDEX, UPS, DHL, Airmail, Surface Mail, EMS (Japan Post), and Economical Air (SAL). Depending on the various nations, we will select the best choice. Once payment has been received, the approximate delivery time is 5-7 working days.

How are your products verified?

We use our own quality control team to inspect each batch of products. Only at least 98% of pharmaceutical raw materials are used in the synthesis process, rather than cheap sources that are replicated using discarded chemical ingredients. Multiple tests are conducted using cutting-edge equipment to ensure perfect accuracy in determining the potency, purity and quality of ingredients and finished products.

Does a discount apply to large orders?

After your order reaches a particular value, there is a large discount. Several seasonal sales and promotions are available from us.

What forms of payment do you accept?

We accept payments with Western Union, Bitcoin, e-transfers, bank transfers, MoneyGram, and Alipay in addition to all other forms of cryptocurrency.

Do you deliver to parcel lockers at PO boxes?

YES, we could deliver to parcel lockers at PO boxes!

Can I get a tracking number from you?

We will provide you the tracking number and some images of the items you ordered as soon as the shipment is planned. For the most up-to-date tracking updates, please go to our preferred site.



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