

Nutrient Enhancer Astaxanthin CAS 7542-45-2 99% Purity

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-7542-45-2
- 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: ASTAXANTHIN
- CAS NO: 7542-45-2
- Purity: 99%
- Shelf Life: 2 Years
- Highlight: **Nutrient Enhancer Astaxanthin, Nutrient Enhancer 7542-45-2, 99% Purity Astaxanthin**



Product Description

Specifications:

Product Name:	ASTAXANTHIN
Synonyms:	Astaxanthin (Synthetic) (3 x 30 mg);OVEOSTER;AXN;3,3'-DIHYDROXY-B,B-CAROTENE-4,4'-DIONE;3,3-DIHYDROXY-B,B-CAROTENE-4,4-DIONE;beta.,beta.-Carotene-4,4-dione, 3,3-dihydroxy-;Einecs 231-424-6;3,3'-Dihydroxy-beta-carotene-4,4'-dione
CAS:	7542-45-2
MF:	C40H52O4
MW:	596.85
EINECS:	231-424-6
Boiling point	774.0±60.0 °C(Predicted)
density	1.071
storage temp.	-20°C
solubility	Chloroform: 6 mg/ml,DMF: 0.5 mg/ml,DMSO: <130 µg/ml,Ethanol: <90 µg/ml,PBS (7.2): No apparent solubility
Appearance:	A crystalline solid
Uses	(rac./meso)-Astaxanthin is a carotenoid pigment responsible for the red colour in many fish and birds such as salmon and flamingoes.

Description:

We are a leading supplier of premium chemical ingredients, specializing in the distribution of Astaxanthin. Our company is dedicated to providing reliable, pure astaxanthin, a natural pigment and powerful antioxidant. Astaxanthin (CAS 7542-45-2) has unique properties and diverse applications, making it a valuable ingredient in the food, dietary supplement, cosmetic and aquaculture industries.

Astaxanthin is a carotenoid pigment found in a variety of natural sources, including microalgae, yeast, and certain seafood, such as salmon and shrimp. The following are the main properties and applications of astaxanthin:

Antioxidant Properties: Astaxanthin is known for its excellent antioxidant capabilities. It has been shown to have significantly higher antioxidant capacity compared to other carotenoids and vitamins. Astaxanthin's ability to neutralize free radicals and oxidative stress makes it a popular ingredient in products designed to promote overall health and well-being.

Skin Health and Anti-Aging: Astaxanthin is recognized for its potential benefits in skin care and anti-aging formulas. Its antioxidant properties help protect skin from environmental damage and reduce the appearance of wrinkles, fine lines and age spots. Astaxanthin is often included in creams, serums, and masks to maintain a youthful, radiant complexion.

Eye Health: Astaxanthin has been studied for its potential role in supporting eye health. It is thought to have protective effects against oxidative damage to the retina, which may help prevent age-related macular degeneration (AMD) and other eye diseases. Astaxanthin is included in supplements that promote vision health.

Aquaculture: Astaxanthin is widely used in aquaculture. It is added to fish and shrimp feeds to enhance their color, increase growth rate and promote overall health. Astaxanthin gives salmon and other seafood their characteristic pink or red color and is an important component in producing high-quality farmed fish.

Application:

CAS number 7542-45-2 corresponds to astaxanthin. Astaxanthin is a naturally occurring carotenoid pigment found in a variety of sources, including microalgae, yeast, salmon, and crustaceans. Known for its bright red color, it has a variety of applications:

1. **Nutraceuticals and dietary supplements:** Astaxanthin is widely used as dietary supplements due to its antioxidant properties. It is thought to have higher antioxidant activity than other carotenoids such as beta-carotene and lutein. As an antioxidant, astaxanthin helps protect cells from oxidative damage caused by free radicals, potentially contributing to overall health and well-being.

2. **Skin Health and Beauty Products:** Astaxanthin is used in the cosmetics and skin care industry for its potential benefits on skin health. It is believed to have anti-aging properties, helping to improve skin elasticity, reduce wrinkles and increase skin moisture levels. Astaxanthin is often included in topical creams, lotions, and serums.

3. **Aquaculture and animal feed:** Astaxanthin is often used in aquaculture to enhance the coloration of fish and crustaceans. It is added to fish feed to provide salmon, trout and shrimp with their characteristic red or pink color. Astaxanthin is an essential nutrient for these aquatic organisms and its supplementation ensures optimal growth, health and market appeal.

4. **Food and beverage industry:** Astaxanthin is used as a natural food colorant. Due to its stable red color, it is added to a variety of food products, including beverages, dairy products, candies, and sauces. Due to its natural origin and antioxidant properties, astaxanthin is the preferred alternative to synthetic food colorings.

5. **Eye Health:** Astaxanthin has been studied for its potential benefits in supporting eye health. It is thought to have a protective effect against oxidative stress in the eye and may help reduce the risk of age-related macular degeneration (AMD) and other eye-related diseases. However, further research is needed to determine its efficacy and optimal dosage for eye health.

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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