

Food Additive Xanthophyll color supplement CAS:127-40-2

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-127-40-2
- 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: Xanthophyll
- CAS NO: 127-40-2
- Purity: 5%~90%
- Shelf Life: 2 Years



Product Description

Specifications:

Product Name:	Xanthophyll
Synonyms:	beta,e-carotene-3,3'-diol;epsilon-carotene-3,3'-diol, (3theta,3'theta,6'theta)-bet;beta,epsilon-carotene-3,3'-diol;LuteinBeadlet5%-15%;beta.,epsilon.-Carotene-3,3-diol, (3R,3R,6R)-;(4R)-4-[(1E,3Z,5E,7Z,9E,11Z,13E,15Z,17E)-18-[(4S)-4-hydroxy-2,6,6-trimethyl-1-cyclohexenyl]-3,7,12,16-tetramethyloctadeca-1,3,5,7,9,11,13,15,17-nonaenyl]-3,5,5-trimethyl-cyclohex-2-en-1-ol;LUTEIN 10%, 20%, 70%, 90%;TRANS-LUTEIN
CAS:	127-40-2
MF:	C40H56O2
MW:	568.87
EINECS:	204-840-0
Melting point	195 °C
storage temp.	-20°C
solubility	Chloroform (Slightly), Dichloromethane (Slightly), Methanol (Slightly, Heated, Sonicated)
Appearance:	orange powder
Uses	Xanthophyll has been used: to quantify circulating lutein in birdsto study its effect on the synthesis of factor D (FD) by adipocytesfor the quantification of carotenoids from the leaves of <i>Brassica oleracea</i>

Description:

Lutein CAS 127-40-2 is a naturally occurring carotenoid pigment found in a variety of fruits, vegetables and microalgae. It is a yellow-orange pigment with a molecular formula of C₄₀H₅₆O₂ and a molecular weight of 568.91. Below is a detailed product description of Lutein CAS 127-40-2, a remarkable molecule with numerous applications:

Lutein CAS 127-40-2 is a yellow to orange powder with high solubility in organic solvents such as chloroform, acetone, ether, etc., and good stability under environmental conditions. It is widely used as a natural colorant and antioxidant in the food, cosmetic and nutraceutical industries.

In the food industry, lutein CAS 127-40-2 is used as a colorant to impart a yellow color to a variety of food products, such as juices, jams and margarine. It also acts as an antioxidant in these products, stabilizing color and extending shelf life. Additionally, lutein CAS 127-40-2 has been shown to possess anti-inflammatory and antioxidant activities in vivo, making it a beneficial ingredient in functional foods and dietary supplements.

In cosmetics, lutein CAS 127-40-2 is used as an antioxidant and UV protectant in creams, lotions, and sunscreens to combat oxidative damage and UV-induced skin aging. It is also used in hair care products to impart yellow and UV protection to hair strands.

We specialize in the production of high purity Lutein CAS 127-40-2 using advanced manufacturing technology. Our products have good solubility and bioavailability and are suitable for use in a variety of pharmaceutical, cosmetic and nutraceutical formulations.

Application:

CAS number 127-40-2, known as lutein, is a naturally occurring carotenoid pigment found in a variety of fruits, vegetables and microalgae. Lutein has a wide range of applications in different fields.

1. It is used as dietary supplement and food additive. Lutein is a strong antioxidant and its ability to scavenge free radicals and reactive oxygen species (ROS) has been extensively studied. It has been shown to have anti-inflammatory and anti-cancer properties and is thought to help reduce the risk of certain chronic diseases, such as cardiovascular disease and certain types of cancer.

2. In the nutraceutical industry, lutein is often marketed as a supplement to support cardiovascular health and overall well-being. It is also used as a food additive to enhance the color of foods such as juices, tomato sauces and processed meats. The yellow color of lutein is due to its ability to absorb wavelengths of light in the visible range, making it an ideal ingredient for adding color to foods.

3. In the cosmetics industry, lutein is used as an antioxidant and UV protectant in creams, lotions, and sunscreens. It can help prevent UV damage to the skin by absorbing UV rays and preventing oxidative stress. Additionally, lutein is used in hair care products to impart yellow color and UV protection to hair strands.

The stability of lutein under different conditions has been extensively studied and it is known to be sensitive to light, heat and oxygen exposure. To maintain its stability and potency, lutein should be stored in dark bottles and protected from light, heat and oxygen.

In summary, CAS number 127-40-2, known as lutein, is a naturally occurring carotenoid pigment found in a variety of fruits, vegetables, and microalgae. It has a wide range of applications in the nutraceutical, cosmetic and food industries due to its antioxidant, UV protection and coloring properties. To maintain its stability and potency, it should be stored under appropriate conditions to protect it from exposure to light, heat, and oxygen.

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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