

C40H56O2 Yellow Xanthophyll CAS 127-40-2 Naturally Occurring Pigments

Basic Information

- Place of Origin: China
- Brand Name: FIRSKY
- Model Number: 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
- Molecular Formula: C40H56O2
- Molecular Weight: 568.87
- Highlight: Yellow Xanthophyll 127-40-2, C40H56O2 Yellow Xanthophyll, cas 127 40 2



Product Description

Xanthophyll CAS 127-40-2

Description

A class of naturally occurring pigments called xanthophylls is a subclass of carotenoids. Many plants, algae, and photosynthetic bacteria have these pigments, which range in color from yellow to red. Xanthophylls are essential for various biological activities, including photosynthesis, where they facilitate the transmission of energy and absorption of light.

Application

1. **Light Harvesting:** The blue and green portions of the visible light spectrum are absorbed by xanthophylls. In photosynthetic organisms, they function as auxiliary pigments, absorbing light energy and transmitting it to chlorophyll molecules for photosynthesis. The efficiency of light absorption and energy conversion is increased by this procedure.

2. **Antioxidant Activity:** Because xanthophylls are antioxidants, they can assist the body in scavenging damaging free radicals. Xanthophylls help lower oxidative stress and shield cells from damage from reactive oxygen species by scavenging free radicals.

3. **Eye Health:** Certain xanthophylls, such as zeaxanthin and lutein, are particularly crucial for maintaining eye health. Their concentration is in the macula of the retina, where they serve as innate blue light filters and provide defense against oxidative stress and ultraviolet (UV) radiation damage. Supplementation with lutein and zeaxanthin has been linked to possible advantages in lowering the risk of cataracts and age-related macular degeneration (AMD).

4. **Skin Health:** Research has been done on the possible advantages of xanthophylls, especially astaxanthin, in enhancing skin health. Their anti-inflammatory and antioxidant qualities may lessen UV-induced damage to the skin, delay the onset of aging, and increase the suppleness and hydration of the skin.

5. **Immune System Support:** Studies have been conducted on the possible immunomodulatory effects of xanthophylls, such as astaxanthin. They might improve immunological responses, lessen inflammation, and support immune system function. Nonetheless, additional investigation is required to completely comprehend their workings and impacts on immune function. Xanthophylls are found naturally in a wide range of foods, including some algae, yellow and orange fruits (like oranges and mangoes), and green leafy vegetables (like spinach and kale). Additionally, dietary supplements are a viable source of these, especially for targeted objectives such as skin or eye health.

Before contemplating xanthophyll supplementation, like with any supplement, it is best to speak with a medical practitioner or certified nutritionist, particularly if you have underlying medical concerns or are currently taking other drugs. They are able to offer tailored guidance according to your unique situation.

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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