

## GMP Lycopene Raw Material Powder CAS 502-65-

8

**Basic Information**

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-502-65-8
- 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: Lycopene
- CAS NO: 502-65-8
- Purity: 99%
- Shelf Life: 2 Years



## Product Description

### Specifications:

Product Name:	Lycopene
Synonyms:	LYCOPENE;2,6,10,14,19,23,27,31-OCTAMETHYL-DOTRIACONTA-2,6,8,10,12,14,16,18,20,22,24,26,30-TRIDECAENE;PSI,PSI-CAROTENE;Lycopene (90%);Redivivo (Lycopene) 10% CWS/S-TG;Redivivo (Lycopene) 10% FS;Redivivo (Lycopene) 10% WS;Redivivo (Lycopene) 5% TG/P
CAS:	502-65-8
MF:	C40H56
MW:	536.87
EINECS:	207-949-1
Melting point	172-173°C
Boiling point	644.94°C (rough estimate)
storage temp.	-70°C
solubility	Benzene (Slightly), Chloroform (Sparingly), Ethyl Acetate (Very Slightly), Methane
color	Red to Very Dark Red Powder
Uses	Lycopene has been used: in high performance liquid chromatography (HPLC) to determine its concentration in liver, kidney and lung tissue to induce urokinase plasminogen activator receptor (uPAR) IN prostate cancer cell line in Raman chemical imaging system to detect and visualize its internal distribution

### Description:

Lycopene CAS 502-65-8 is a naturally occurring carotenoid pigment found in a variety of fruits and vegetables, especially tomato products. It is a red-orange pigment with a molecular formula of C<sub>40</sub>H<sub>56</sub> and a molecular weight of 536.91. Below is a detailed product description for lycopene CAS 502-65-8, an exceptional molecule with numerous applications:

Lycopene CAS 502-65-8 is a bright red powder with high solubility in organic solvents such as chloroform, dichloromethane, hexane, 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, lycopene CAS 502-65-8 is used as a colorant to impart a red color to a variety of food products such as juices, jams, ketchup and ketchup. It also acts as an antioxidant in these products, stabilizing color and extending shelf life. Additionally, lycopene CAS 502-65-8 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, lycopene CAS 502-65-8 is used as an antioxidant and UV protectant in creams, lotions, and sunscreens to combat oxidative damage and UV-induced skin aging. It can also be used in hair care products to impart redness and UV protection to hair strands.

We specialize in the production of high purity Lycopene CAS 502-65-8 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 No. 502-65-8, known as lycopene, is a naturally occurring carotenoid pigment found in a variety of fruits and vegetables, especially tomato products. Lycopene has a wide range of applications in different fields.

1. Used as dietary supplements and food additives. Lycopene 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, lycopene 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. Lycopene's red color 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, lycopene 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. In addition, lycopene is used in hair care products to impart redness and UV protection to hair strands.

The stability of lycopene 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, lycopene should be stored in dark bottles and protected from light, heat and oxygen.

In summary, CAS number 502-65-8, designated lycopene, is a naturally occurring carotenoid pigment found in a variety of fruits and vegetables, particularly tomato products. 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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