

## CAS 497-30-3 99% L-Ergothioneine Cosmetics Grade Raw Material Skin Care Lightening Natural Antioxidant

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-497-30-3
- 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: L-Ergothioneine
- CAS NO: 497-30-3
- Purity: 99%
- Shelf Life: 2 Years



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## Product Description

### Specifications:

Product Name:	L-(+)-Ergothioneine
Synonyms:	L-(+)-ERGOTHIONEINE INNER SALT;ERGOLD;2-MERCAPTOHISTIDINE BETAINE;(S)-ALPHA-CARBOXY-2,3-DIHYDRO-N,N,N-TRIMETHYL-2-THIOXO-1H-IMIDAZOLE-4-ETHANAMINIUM INNER SALT;THIONEINE;(S)-[1-carboxy-2-(2-mercaptoimidazol-4-yl)ethyl]trimethylammonium hydroxide;1H-Imidazole-4-ethanaminium, .alpha.-carboxy-2,3-dihydro-N,N,N-trimethyl-2-thioxo-, inner salt, (.alpha.S)-;3-(2-sulfanylidene-1,3-dihydroimidazol-4-yl)-2-trimethylammonio-propanoate
CAS:	497-30-3
MF:	C9H15N3O2S
MW:	229.3
EINECS:	207-843-5
Melting point	275-277°C (dec.)
density	1.2541 (rough estimate)
refractive index	1.6740 (estimate)
storage temp.	-20°C
solubility	Soluble in Water (up to 10 mg/ml)
color	White or off-white powder

### Description:

L-(+)-ergothioneine has attracted widespread attention in various industries including pharmaceuticals, skin care, and nutraceuticals.

#### 1. Antioxidant power source:

L-(+)-Ergothioneine is a powerful antioxidant that helps protect cells from oxidative stress and damage caused by free radicals. As an amino acid derivative, it has the ability to neutralize harmful molecules and reduce the risk of cell damage. By incorporating L-(+)-ergothioneine into your formulas, you can deliver a product with enhanced antioxidant properties that promote overall health and well-being.

#### 2. Skin health and anti-aging:

L-(+)-ergothioneine shows good results in skin care formulations. Its antioxidant properties help protect skin from environmental stressors, such as UV radiation and pollution, that can cause premature aging. L-(+)-Ergothioneine supports skin's natural defense mechanisms and promotes a healthy and youthful appearance. By adding L-(+)-ergothioneine to your skin care products, you can provide an effective solution for anti-aging, whitening, and overall skin health.

#### 3. Cognitive health and brain function:

Research shows that L-(+)-ergothioneine may have beneficial effects on cognitive health and brain function. It has been found to accumulate in certain areas of the brain and exhibit neuroprotective properties. L-(+)-Ergothioneine's ability to scavenge free radicals and reduce oxidative stress may help maintain brain health and support cognitive function. By incorporating L-(+)-ergothioneine into your nutraceutical formulations, you can deliver products that promote brain health and cognitive health.

#### 4. Stability and compatibility:

L-(+)-Ergothioneine has excellent stability and compatibility with other ingredients, making it a versatile option for a variety of formulations. It can be incorporated into dietary supplements, skin care products and functional foods without affecting its performance. The stability of L-(+)-ergothioneine ensures your product maintains efficacy throughout its shelf life, providing customers with consistent results and a positive experience.

#### 5. Scientific progress and innovation:

L-(+)-Ergothioneine represents the forefront of scientific advancement and innovation in the field of chemical compounds. Its diverse applications and advantages have been extensively researched and proven. By featuring L-(+)-ergothioneine in your product line, you can position your brand as a leader in utilizing cutting-edge chemical ingredients. This association with innovation and scientific advancement can enhance your brand's online presence and visibility, thereby improving Google indexing and increasing customer trust.

### Application:

L-(+)-Ergothioneine, CAS 497-30-3, is a high-value bioactive molecule with a wide range of medical and commercial applications. Below is a detailed product description of this extraordinary molecule:

L-(+)-Ergothioneine is a natural derivative of histidine that plays a vital role in maintaining cell function and health. It is a chiral molecule with a (+) stereochemistry, a molecular formula of C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S, and a molecular weight of 286.372. L-(+)-Ergothioneine is soluble in water and polar organic solvents and is stable under ambient conditions.

L-(+)-ergothioneine has been shown to possess a series of interesting pharmacological properties. It acts as an antioxidant, protecting cells from oxidative damage caused by reactive oxygen species. It also has anti-inflammatory activity and is effective in reducing inflammation and pain in a variety of conditions. Additionally, L-(+)-ergothioneine has been shown to have neuroprotective properties, protecting brain cells from damage caused by stroke or neurodegenerative diseases.

In the medical field, L-(+)-ergothioneine is used as a supplement to treat a variety of conditions, including neurodegenerative diseases, aging, stress, and immune disorders. It is also widely used as a preservative in cosmetics and personal care products to extend their shelf life and maintain product quality.

## 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.



**Firsky International Trade (Wuhan) Co., Ltd**



+86 15387054039



admin@firsky-cn.com



firskytech.com

No. 7, Xujiadai, Xin'andu Office, East-West Lake District, Wuhan, China