## Food Additive CAS 327-97-9 Extract Herbal Chlorogenic **Acid**

### **Basic Information**

. Place of Origin: China . Brand Name: Firsky FS-327-97-9 Model Number:

Minimum Order Quantity: 1KG

1kg, 5kg, 15kg, 20kg, 25kg can be packed in Packaging Details:

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: Chlorogenic Acid

327-97-9 · CAS NO: 99% • Purity: Shelf Life: 2 Years



## Specifications:

Product Name:	Chlorogenic acid
Synonyms:	Chlorogenic acid, 98%, predoMinantly trans, froM coffee seeds;lgasuric acid;Chlorogenic acid ( green coffe bean extract);Chlorogenil acid;Chlorogenic ac;Chlorogenic acid Synonyms green coffe bean extract;Cyclohexanecarboxylic acid, 3-[[3-(3,4-dihydroxyphenyl)-1-oxo-2-propen-1-yl]oxy]-1,4,5-trihydroxy-, (1S,3R,4R,5R)-;Chlorogenic acid (1S,3R,4R,5R)-3-[[3-(3,4-Dihydroxyphenyl)-1-oxo-2-propenyl]oxy]-1,4,5-trihydroxycyclohexanecarboxylic acid
CAS:	327-97-9
MF:	C16H18O9
MW:	354.31
EINECS:	206-325-6
Melting point	210 °C (dec.) (lit.)
Boiling point	407.55°C (rough estimate)
storage temp.	2-8°C
solubility	Soluble in ethanol and acetone.
Appearance	White to almost white powder
Uses	It has broad antibacterial effect, advantageous bravery, hemostatic, increase white blood cell and antiviral effect, the effect of the blood clotting and bleeding time is shortened. It is used in the treatment of upper respiratory tract infection, anti-inflammatory and antipyretic, cool blood heat dissipation. Used as pharmaceutical raw materials and intermediates. clearing heat and removing toxicity, cold wind heat, broad-spectrum antimicrobial properties, having obvious inhibitory effect to hemolytic streptococcus, dysentery rod gas and salmonella typhi bacteria

## Description:

CAS 327-97-9, Chlorogenic acid is a naturally occurring polyphenolic compound found in a variety of plants and foods, including coffee, apples, and spinach. It is a combination of caffeic acid and quinic acid and plays an important role in plant metabolism and defense against oxidative stress. Below is a detailed product description of chlorogenic acid, a remarkable molecule with a variety of applications:

Chlorogenic acid is a white to off-white powder with a molecular formula of C16H18O5 and a molecular weight of 286.312. It has high solubility in polar organic solvents such as methanol and acetone, and has good stability under ambient conditions.

Chlorogenic acid has a variety of biological activities, including antioxidant, anti-inflammatory, and anti-tumor effects. It exerts antioxidant activity by scavenging free radicals and chelating metal ions, thus protecting cells from oxidative damage. Chlorogenic acid also exhibits anti-inflammatory activity by inhibiting pro-inflammatory cytokines and mediators. Furthermore, it has been shown to have antitumor activity by modulating cell cycle arrest and induction of apoptosis.

Chlorogenic acid is also effective for weight loss. It can help suppress appetite and enhance fat metabolism, thereby promoting weight loss. In addition, chlorogenic acid can also improve glucose tolerance, lower blood sugar levels, and can help diabetic patients better control their weight.

We specialize in producing high-purity chlorogenic acid using advanced production technology. Our products have good solubility and bioavailability and are suitable for use in a variety of pharmaceutical, cosmetic and nutraceutical formulations.

# Application:

CAS 327-97-9, Chlorogenic acid is a natural polyphenolic compound found in a variety of plants and foods that is increasingly recognized for its weight loss properties. Here are some specific applications of chlorogenic acid for weight loss:

- 1.Appetite suppression: Chlorogenic acid can help reduce appetite by acting on the brain's satiety centers. It stimulates the release of satiety hormones such as serotonin and dopamine, leading to a feeling of fullness and satisfaction.
- 2.Promote fat metabolism: Chlorogenic acid can enhance fat metabolism by regulating key enzymes involved in lipid oxidation and lipolysis. It promotes the breakdown of triglycerides and mobilization of stored fat, thereby increasing fat burning and weight loss.
- 3.Improves Glucose Tolerance: Chlorogenic acid has been shown to improve glucose tolerance and reduce blood sugar levels. This is beneficial for diabetics as it helps maintain stable blood sugar levels, reducing carbohydrate cravings and weight pain.
- 4. Thermogenesis: Chlorogenic acid stimulates the body's natural thermogenic process, resulting in increased energy expenditure and fat oxidation. When combined with a balanced diet and exercise, it can enhance weight loss and fat loss.
- 5.Antioxidant properties: Chlorogenic acid is a potent antioxidant that scavenges free radicals and reduces oxidative stress in the body. Oxidative stress has been linked to a variety of health conditions, including obesity, and chlorogenic acid can help counteract these effects.

### 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 guestions, 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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