

## Pure Organic Chicory Root Extract Inulin Powder CAS No 9005-80-5

### Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-9005-80-5
- 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: INULIN
- CAS NO: 9005-80-5
- Purity: 99%
- Shelf Life: 2 Years



**Product Description****Specifications:**

Product Name:	INULIN
Synonyms:	RAFTILINEST;RAFTIFEED(R)IPS;RAFTILINEHP;CHICORYINULIN;LONG-CHAININULINFROMCHICORYROOTS;RAFTILINEHPX;LONG-CHAININULINFROMCHICORY;INULIN extrapure
CAS:	9005-80-5
MF:	C <sub>18</sub> H <sub>32</sub> O <sub>16</sub>
MW:	504.43708
EINECS:	232-684-3
Melting point	176-181 °C
storage temp.	Store at RT.
solubility	Soluble in hot water and solutions of dilute acids and alkalis; slightly soluble in cold water and organic solvents.
Appearance	white crystalline solid
Uses	Is a safe plant polysaccharide with a variety of uses in the food and chemical medical industry. It is a functional food, providing functional groups for beneficial bacteria, as well as improving properties of food such as texture, hydration and shelf-life. They are also used for vaccine and drug delivery via soluble storage.

**Description:**

INULIN CAS 9005-80-5 is a naturally occurring linear polysaccharide obtained from various species of the genus *Inula*, specifically *Inula helium*. It is a  $\beta$ -(2→1) polyfructofuranoside with  $\beta$ -(2→6)-linked fructose branches and is an important source of inulinase and other enzymes. Below is a detailed product description for inulin CAS 9005-80-5, an exceptional molecule with numerous applications:

INULIN CAS 9005-80-5 is a white to off-white powder with a molecular formula of (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub> and a molecular weight of 500 to thousands. Very soluble in water and polar organic solvents, and has good stability under environmental conditions.

INULIN CAS 9005-80-5 plays an important role in various fields such as food, medicine and biotechnology. In the food industry, it is used as a functional food additive with prebiotic properties that promotes the growth of probiotics and improves the balance of gastrointestinal flora. Additionally, it can be used as a low-calorie sweetener and fat substitute in a variety of food formulations. In the medical field, inulin CAS 9005-80-5 has been shown to have anti-inflammatory, antioxidant and anti-tumor activities. It can also be used as raw material for the synthesis of various pharmaceutical intermediates and drugs. In biotechnology, inulin CAS 9005-80-5 is an important source of inulinase and other related enzymes with wide applications in biocatalysis and bioprocessing.

We specialize in the production of high purity Inulin CAS 9005-80-5 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 9005-80-5, Inulin, a naturally occurring linear polysaccharide, has a wide range of applications in different fields. Here are some specific applications for inulin:

- 1.Functional food additive: INULIN CAS 9005-80-5 is widely used as a functional food additive in various food formulations, mainly because of its prebiotic properties. It promotes the growth of probiotic bacteria and improves gastrointestinal microbiota balance, thus contributing to gastrointestinal health. It can also be used as a low-calorie sweetener and fat substitute in foods.
- 2.Pharmaceutical intermediates and drug synthesis: Inulin CAS 9005-80-5 has been used as a raw material for the synthesis of various pharmaceutical intermediates and drugs. It can be converted into various derivatives with modified functional groups, providing opportunities for the development of new drugs and therapeutic agents.
- 3.Biocatalysis and Bioprocessing: Inulin CAS 9005-80-5 is an important source of inulinase and other related enzymes with a wide range of applications in biocatalysis and bioprocessing. These enzymes can be used to hydrolyze inulin and other carbohydrates, promoting the production of fermentable sugars and other biological products.
- 4.Cosmetics: Inulin CAS 9005-80-5 is also used in cosmetic formulations, primarily as a humectant and humectant. It has been shown to have antioxidant and anti-inflammatory properties that help maintain skin health and prevent signs of aging.

**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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