



## Food Grade (9004-34-6) Pharmaceutical Excipients Microcrystalline Cellulose B

Our Product Introduction

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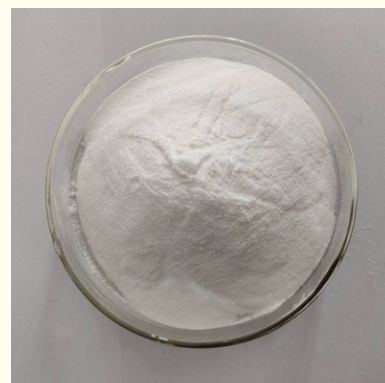
### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC
- Model Number: HBY-Microcrystalline Cellulose B
- Minimum Order Quantity: 1kg
- Price: Negotiable
- Packaging Details: Woven bag outside, lined with high pressure polyethylene film bag, 20kg/bag, also can be packed according to customer's agreement.
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 3000 Kilograms



### Product Specification

- Product Name: Microcrystalline Cellulose B
- CAS: 9004-34-6
- Grade: Food Grade
- Appearance: White Or Off-white Powder Or Granular Powder
- Soluble: Insoluble In Water
- Samples: 1kg
- Category: Pharmaceutical Excipient, Filler, And Disintegrant
- Storage: Tight Container
- Highlight: **9004-34-6 Microcrystalline Cellulose B, Pharmaceutical Excipients Microcrystalline Cellulose B, Food Grade Microcrystalline Cellulose B**



### More Images



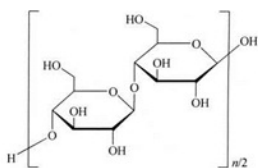
### Product Description

**Product Name:** Microcrystalline Cellulose B

**Description:** This product is  $\alpha$ -cellulose derived from the fiber pulp of cellulose-containing plants, partially depolymerized and purified under the action of inorganic acid.

**Properties:** This product is a white or off-white powder or granular powder.

This product is practically insoluble in water, ethanol, ether, dilute sulfuric acid, or 5% sodium hydroxide solution.

**Quality standard:**

Property	Test	Requirement
Description	Visual	White or off-white powder or granular powder
Solubility	Pharmacopoeia reference	Practically insoluble in water, ethanol, ether, dilute sulfuric acid, or 5% sodium hydroxide solution
Identification (1)	Zinc chloride iodine test solution	Turns blue immediately
Identification (2)	Relative viscosity	$\eta_{rel}, P \leq 350$
Acidity or alkalinity (pH)	Pharmacopoeia reference	5.0-7.5
Chloride	Silver nitrate test solution	$\leq 0.03\%$
Water-soluble substances	Gravimetric analysis	$\leq 0.2\%$
E-ther-soluble substances	Gravimetric analysis	
Starch	Iodine test solution	
Conductivity	Electrical conductivity measurement	$\leq 75 \mu S/cm$
Drying loss	Gravimetric analysis	$\leq 7.0\%$
Residue on ignition	Gravimetric analysis	$\leq 0.1\%$
Heavy metals	Lead limit test	$\leq 0.0010\%$
Arsenic	Arsenic test	$\leq 0.0002\%$
Category	-	Pharmaceutical excipient, filler, and disintegrant
Storage	-	Tight container

**Tests**

**Acidity or alkalinity** Take the supernatant obtained under the conductivity item, determine it according to the method (General Rule 0631), and the pH value should

be 5.0-7.5.

**Chloride** Take 0.10 g of this product, add 35 ml of water, shake, filter, take the filtrate, and check according to the method (General Rule 0801), compare it with the

control solution prepared with 3.0 ml of standard sodium chloride solution, and it should not be more concentrated (0.03%).

**Water-soluble substances** Take 5.0 g of this product, add 80 ml of water, shake for 10 minutes, stand at room temperature for 10-20 minutes, and vacuum filter (use a

microporous membrane or quantitative analysis filter paper with a pore size of  $2\mu m$  or less), transfer the filtrate to a  $105^\circ C$  constant weight evaporating dish, dry on

a water bath, and dry at  $105^\circ C$  for 1 hour, the remaining residue should not exceed 0.2%.

**E-ther-soluble substances** Take 10.0 g of this product and place it in a glass column with an inner.

**Main Uses:**

Microcrystalline cellulose is widely used in pharmaceutical preparations, mainly as a diluent and binder in oral tablets and capsules, not only in wet granulation but also can be used in dry direct compression of tablets.

It also has certain lubricating and disintegrating effects, which is very useful in tablet preparation.

Microcrystalline cellulose type B, standard specification, is suitable for the preparation of tablets by all compression methods, especially for wet granulation, rotary-compression tablets, and pills, with good compressibility.



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