



HBY CAS 7585-39-9 Cosmetic Raw Beta Cyclodextrin White Odorless Powder

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: HPLC
- Model Number: HBY-Beta Cyclodextrin
- Minimum Order Quantity: 5kg/bag
- Price: Negotiable
- Packaging Details: 5kg/bag
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 5000kg per month



Beta Cyclodextrin



Product Specification

- Product Name: Beta Cyclodextrin Powder
- Appearance: White, Odorless, And Tasteless Powder
- Chemical Formula: $C_6H_{10}O_5$
- Molecular Weight: 1134.98
- CAS Number: 7585-39-9
- Solubility: Soluble In Water
- Applications: Pharmaceuticals, Food And Beverages And Cosmetics
- Molds/yeasts: ≤ 50
- Loss On Drying: $\leq 14\%$
- Heavy Metals: ≤ 5 Ppm
- Residue On Ignition: $\leq 0.2\%$
- Grade: Cosmetic Grade
- Highlight: **Cosmetic Raw Beta Cyclodextrin, Beta Cyclodextrin Odorless Powder, 7585-39-9 Cosmetic Peptide**



More Images



Product Description

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Basic Information of Beta Cyclodextrin:

Product Name	Beta Cyclodextrin powder
CAS Number	7585-39-9
Appearance	White, odorless, and tasteless powder
Applications	Pharmaceuticals, Food and beverages and Cosmetic
Loss on drying	≤14%
Heavy metals	≤5 ppm

Description of Beta Cyclodextrin

Beta cyclodextrin raw powder is a white, odorless, and tasteless powder that is soluble in water. Beta cyclodextrin has a unique ring-like structure with a hydrophobic interior and a hydrophilic exterior. This structure allows it to encapsulate nonpolar molecules, such as drugs, flavors, and fragrances. Beta cyclodextrin can also form complexes with other molecules, such as metal ions and dyes.

Beta-cyclodextrin (BCD) is a cyclic oligosaccharide composed of seven alpha-(1,4)-linked D-glucopyranose units. It is a white, odorless, and tasteless powder soluble in water. BCD is a versatile excipient used in a wide scope of applications, including pharmaceuticals, food and beverages, and cosmetics.

Structure and properties of Beta Cyclodextrin

BCD has a unique ring-like structure with a hydrophobic interior and a hydrophilic exterior. This structure allows BCD to encapsulate nonpolar molecules, such as drugs, flavors, and fragrances. BCD can also form complexes with other molecules, such as metal ions and dyes.

BCD is a nontoxic and biodegradable material. It is also relatively inexpensive to produce, which makes it a popular choice for many applications.

Applications of Beta Cyclodextrin

BCD is used in a wide range of applications, including:

Pharmaceuticals: BCD is used to improve the solubility and stability of drugs. It is also used to target drugs to specific tissues or organs.

Food and beverages: BCD is used to improve the flavor, texture, and stability of food and beverages. It is also used to encapsulate vitamins and minerals.

Cosmetics: BCD is used to improve the delivery and efficacy of cosmetic ingredients. It is also used to encapsulate fragrances and other volatile compounds.

Other applications of Beta Cyclodextrin

BCD is also used in other applications, such as:

Agriculture: BCD is used to improve the uptake of pesticides and fertilizers by plants.

Water treatment: BCD is used to remove pollutants from water.

Textile industry: BCD is used to finish textiles and improve their properties.

Safety of Beta Cyclodextrin

BCD is considered to be a safe material. It is generally well-tolerated by humans and animals. However, some people may experience side effects, such as diarrhea and stomach upset, after taking BCD.

Overall, beta-cyclodextrin is a versatile excipient with a wide range of applications. It is a safe and effective material that can be used to improve the properties of a variety of products.



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