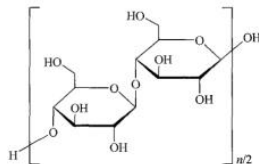


**Name:**Microcrystalline Cellulose**CAS :** 9004-36-6**Molecular formula:** (C₁₂H₂₀O₁₀)_n**Structural formula:****Molecular weight:** ≤40000**Product Description:**

This product appears as a white or off-white powder or granular powder; it is almost insoluble in water, ethanol, ether, dilute sulfuric acid, or 5% sodium hydroxide solution.

To meet various formulation requirements, this product is categorized into different specifications based on particle size, loss on drying, and bulk density. According to the requirements of the Chinese Pharmacopoeia (2025 Edition), each batch of product is labeled with specifications, particle size distribution, bulk density, and other performance indicators in the accompanying inspection report.

This product is a low-risk pharmaceutical excipient, non-toxic, non-irritating, and inactive, suitable for extensive use in pharmaceutical preparations, cosmetics, food, and other industries.

Execution standard: ChP2025

Items	ChP2025	Internal control standard
Description	This product is a white or off white powder or granular powder, odorless, tasteless, and almost insoluble in water, ethanol, dilute hydrochloric acid, or 5% sodium hydroxide solution.	This product is a white or off white powder or granular powder, odorless, tasteless, and almost insoluble in water, ethanol, dilute hydrochloric acid, or 5% sodium hydroxide solution.
Identification 1	According to the law, it should appear blue for identification.	According to the law, it should appear blue for identification.
Identification 2	Degree of polymerization≤350	Degree of polymerization≤350
PH	5.0~7.5	5.3~7.2
Chloride	≤0.03%	<0.03%
Water soluble content	≤0.2%	<0.2%
Ether soluble content	≤0.05%	<0.05%
Starch	Do not show blue color	Do not show blue color
Conductivit	≤75uS.cm-1	≤60uS.cm-1
Loss on drying	≤7.0%	≤6.0%



 Shandong Ruisheng Pharmaceutical Co., LTD
Product Manual

Residue on ignition	$\leq 0.1\%$	$\leq 0.1\%$
Heavy metals	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Arsenic salt	$\leq 2\text{ppm}$	$< 2\text{ppm}$
Aerobe	$\leq 1000\text{cfu/g}$	$\leq 500\text{cfu/g}$
Mold and yeas	$\leq 100\text{cfu/g}$	$\leq 50\text{cfu/g}$
Escherichia coli	Not detected	Not detected

Category: Fillers and disintegrants, etc.

Function, usage, and dosage:

Disinfectant, usually used in an amount of 5-15%;

The dosage of fillers is generally 20-90%;

Anti adhesive agents are generally used in an amount of 5-20%;

The dosage of adsorbent is generally 20-90%.

Due to the non-toxic, non irritating, and non biologically active nature of this product, the dosage is not limited depending on the prescription.

Packaging specification: 20kg/piece, inner packaging: medicinal low-density polyethylene bag;
Outer packaging: laminated plastic woven bag.

Storage method: Sealed storage.

Validity period: 2 years.

Manufacturer: Shandong Ruisheng Pharmaceutical Co., Ltd .

Production address: Houlou Industrial Park, Jiazhai Town, Chiping District, Liaocheng City,
Shandong Province

Service hotline: 0635-5018008

