

Organic Mushroom Chitosan Hydrochloride



Cat. No. VCP-005

Lot. No. (See product label)

Product Name

Organic Mushroom Chitosan Hydrochloride

Form

Off-white to light yellow powder.

Cas No.

70694-72-3

Specification

Water-soluble, viscosity 20-400cps.

Main Applications

Cosmetics, Food, Wine, Pharma.

Product Description

Organic Mushroom Chitosan Hydrochloride is a water-soluble, plant-derived chitosan made from organically cultivated mushrooms. It is a water-soluble derivative of chitosan formed by the reaction of chitosan with hydrochloric acid and retains many of the beneficial properties of chitosan, such as biodegradability, biocompatibility, and antimicrobial activity, but has the added advantage of being readily soluble in water, which makes it more versatile for various applications in pharmaceuticals, cosmetics, and food industries.

Source

Organic Oyster mushroom

Specification & Customization

We provide customized chitosan solutions to meet the specific needs of your application.

Degree of Deacetylation

≥ 85% (typically ≥98%)

Viscosity

20-400 mPa.s

Molecular Weight

20,000 – 580,000 Da

Solubility

Highly soluble in water.

Benefits & Features

High water solubility. Easily soluble in water, suitable for a wide range of applications.
Certified organic. Made from organically grown mushrooms to ensure compliance with organic standards.
Vegan and non-allergenic. Ideal for people who are allergic to shellfish or follow a vegan lifestyle.
High purity. Ensures a clean and consistent product, free from synthetic chemicals and animal derivatives.
Environmentally friendly. Produced in a sustainable way to help protect the environment.

Functions

Thickeners. Natural thickeners and stabilizers.
Film Forming. Formation of films suitable for coating, packaging and drug delivery systems.
Antimicrobial properties. Inhibits the growth of bacteria and fungi.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Bioactive carrier. Ideal for delivering active ingredients in pharmaceuticals and cosmetics.

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