

Agaricus Bisporus Chitosan



Cat. No. VCP-003

Lot. No. (See product label)

Product Name

Agaricus Bisporus Chitosan

Form

Off-white to light yellow powder.

Cas No.

9012-76-4

Specification

Acid-soluble & Water-soluble.

Main Applications

Food, Dietary Supplement, Pharma, Cosmetics, Wound Healing.

Product Description

Agaricus Bisporus Chitosan is a unique, plant-based chitosan derived from the white button mushroom. This form of chitosan offers a sustainable, non-animal alternative to traditional chitosan sourced from crustaceans.

Source

Agaricus Bisporus

pH

7-8

Specification & Customization

We offer a wide range of grades and specifications for Agaricus Bisporus Chitosan to meet your specific requirements.

Degree of Deacetylation

≥ 90% (Typically ≥98%)

Viscosity

20cps-1000 cps(mPa.s)

Molecular Weight

20k-1500k Da

Solubility

Soluble in acidic solutions or water.

Benefits & Features

Vegan and non-allergenic. Suitable for people with shellfish allergies or veganism.

High Purity. Guaranteed clean, consistent product, free of animal derivatives.

Environmentally Friendly. Sustainably produced to minimize environmental impact.

Biocompatible. Safe for use in medical, pharmaceutical and cosmetic formulations.

Functions

Antimicrobial. Effectively inhibits the growth of bacteria and fungi, improving product safety and longevity.

Film-forming. Forms strong, flexible films suitable for coating, packaging and drug delivery systems.

Thickeners. Act as natural thickeners and stabilizers in food, cosmetics and pharmaceuticals.

Biodegradable. Environmentally friendly and naturally decomposes without harming the ecosystem.

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