

Acid-Soluble Organic Mushroom Chitosan



Cat. No. VCP-004

Lot. No. (See product label)

Product Name

Acid-Soluble Organic Mushroom Chitosan

Form

Off-white to light yellow powder.

Cas No.

9012-76-4

Specification

Acid-soluble

Main Applications

Food, Dietary Supplement, Pharma, Cosmetics, Wine.

Product Description

Acid-Soluble Organic Mushroom Chitosan is a premium, plant-derived chitosan produced from organically cultivated mushrooms.

This specialized chitosan with high solubility in acidic solutions, making it ideal for a variety of applications in pharmaceuticals, cosmetics, and food industries.

Source

Organic Oyster mushroom

Specification & Customization

We provide specialized solutions to adjust the degree of deacetylation, viscosity, and molecular weight to your particular needs, guaranteeing peak performance for your application.

Degree of Deacetylation

≥ 85% (typically ≥98%)

Viscosity

20-1000 mPa.s

Molecular Weight

20,000 – 1,500,000 Da

Solubility

Soluble in dilute acids.

Benefits & Features

High solubility. Easily dissolves in acidic environments and is 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 with shellfish allergies or vegetarians.

Highly pure. Ensures a clean product, free of 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.

Biodegradability. Environmentally friendly and naturally decomposable.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Acid-Soluble Organic Mushroom Chitosan



Cat. No. VCP-004

Lot. No. (See product label)

Antimicrobial properties. Inhibits the growth of bacteria and fungi.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY