

# Organic Mushroom Chitosan Carboxymethyl



Cat. No. VCP-007

Lot. No. (See product label)

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## Product Name

Organic Mushroom Chitosan Carboxymethyl

## Form

Off-white to white powder.

## Cas No.

83512-85-0

## Main Applications

Pharmaceuticals, Wound Healing, Cosmetics, Tissue Regeneration.

## Product Description

Organic Mushroom Carboxymethyl Chitosan is a water-soluble, plant-derived chitosan modified through carboxymethylation, sourced from organically cultivated mushrooms. The carboxymethyl groups that are affixed to the molecular structure of this special chitosan derivative greatly improve its solubility and functional qualities.

## pH

7-8

## Specification & Customization

We offer customized solutions to adjust the molecular weight, degree of substitution, and other characteristics to your application's particular requirements, guaranteeing peak performance and effectiveness.

## Viscosity

10-80cps (typically around 60cps, maximum 100-200cps).

## Molecular Weight

Varies depending on application requirements.

## Solubility

Highly soluble in water.

## Benefits & Features

Enhanced solubility. Simultaneous N and O substitution ensures complete solubility in water.

Certified Organic. Our ingredients are derived from organically grown mushrooms and meet organic standards and product purity.

Vegan and non-allergenic. Suitable for people who are allergic to shellfish and observe vegan principles.

Low adverse reactions. Safe for use in a wide range of applications such as medical, pharmaceutical and cosmetic applications and characterized by a very low risk of adverse reactions.

Environmentally friendly. We produce in a sustainable way for environmental protection.

## Functions

Wound healing. Can promote faster and more effective wound healing.

Tissue regeneration. Effectively supports tissue regeneration and repair.

Humectant. Provides excellent water locking effect, ideal for skin care and cosmetic formulations.

Biodegradable. Environmentally friendly and does not harm ecosystems.

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