Carboxymethyl Chitosan Specifications

Product Name : Carboxymethyl Chitosan

CAS : 83512-85-0

Appearance : Off-white or light yellow powder

Specification:

Items	Specifications
Appearance	Off-white or light yellow powder
Solubility In Water	Soluble in deionized water
Viscosity	≤100 mpa.s
Substitution	≥70%
PH	7.0-9.0
Moisture Content	≤12.0%
As	≤1.0 ppm
Pb	≤2.0 ppm

Package & Storage:

Package: 25 Kg fiber drum

Storage: Store in a cool, dry place, away from heat and light. The shelf life: 24 months.

Applications:

Due to its excellent water solubility, carboxymethyl chitosan can be used as a drug carrier for sustained-release drug delivery in the medical field, or for preparing antibacterial dressings to promote wound healing; in the food industry, it can serve as a preservative to extend shelf life and as a thickener to improve texture; in cosmetics, it can enhance moisturizing and repairing effects. Additionally, it can be used in water treatment to adsorb heavy metal ions. It is a functional derivative with adaptability in multiple fields.

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