青 岛 天 亚 化 工 有 限 公 司
QINGDAO TIANYA CHEMICAL CO., LTD

Food Grade Chitosan Specifications

Product Name : Chitosan

Grade : Food grade

Appearance : Off-white powder

CAS No : 9012-76-4

Specifications:

Items	Specifications
Appearance	Off-white powder
D.A.C	≥85%; ≥90%; ≥95%
Viscosity	≤500 mpa.s
PH	6.5-8.5
Moisture Content	≤10.0%
Insoluble Matter	≤1.0%
Ash	≤1.0%
As	≤1.0 ppm
Pb	≤2.0 ppm
Total Plate Count	≤1000 cfu/g
Coliform Bacteria	≤0.3 MPN/g
Yeast	≤100 cfu/g
Salmonella sp.	Negative
Staphylococcus Aureus	Negative
Particle Size	80 mesh (95% Pass); 100 mesh (95% Pass)

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:

As a naturally safe bioactive substance, food grade chitosan can act as a preservative in the food sector to extend the shelf life of ingredients, serve as a thickener to improve food texture, and function as a functional ingredient to promote health. It also has carrier properties, making it widely applicable to preservation, processing and functional food development.

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