High Density Chitosan Specifications

Product Name : High Density Chitosan

Appearance : Off-white powder

CAS No : 9012-76-4

Specifications:

Items	Specifications
Appearance	Off-white powder
D.A.C	≥85%; ≥90%; ≥95%
Tapped Density	≥0.8g/ml
PH	6.5-8.5
Moisture Content	≤8.0%; ≤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:

High density chitosan, characterized by high strength and high crystallinity, can be made into long-acting antibacterial dressings and absorbable sutures in the medical field; used as a high-efficiency adsorbent in the environmental protection field to treat heavy metal wastewater; and applied in the material industry to prepare high-strength bio-based membranes. It is suitable for applications with high requirements for mechanical properties and stability.