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

Quaternary Chitosan Specifications

Product Name : Quaternary chitosan

Appearance : Off-white or light yellow powder

Specifications:

Items	Specifications
Appearance	Off-white or light yellow powder
D.A.C	70% -95%
Solubility In Water	Soluble in deionized water
PH	3.0-6.0
Moisture Content	≤10.0%
Insoluble Matter	≤1.0%
Ash	≤1.0%
As	≤1.0 ppm
Pb	≤2.0 ppm
Particle Size	80 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:

Chitosan quaternary ammonium salt, with enhanced water solubility and antibacterial properties, can be used as antibacterial dressings and mucosal repair agents in the medical field; applied in antibacterial cleaning and care products in daily chemicals; efficiently adsorb impurities in water treatment; and endow fabrics with long-lasting antibacterial properties in the textile industry. It is a modified chitosan derivative with strong functionality and applicability in multiple fields.

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