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

Cosmetic Grade Chitosan Specifications

Product Name : Cosmetic Grade Chitosan

Appearance : White or light yellow powder

Chitosan Specifications:

Items	Specifications
Appearance	Off-white powder
D.A.C	≥85%; ≥90%
Viscosity	≤500 mpa.s
PH	6.5-8.5
Moisture Content	≤10.0%
Insoluble Matter	≤1.0%
Ash	≤1.0%
As	≤3.0 ppm
Pb	≤5.0 ppm
Particle Size	80 mesh (95% PASS); 100 mesh (95% PASS)

Chitosan Hydrochloride 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	≤3.0 ppm
Pb	≤5.0 ppm
Particle Size	80 mesh (95% Pass)

Carboxymethyl Chitosan Specifications:

99 Chongqing South Road, Shibei District, Qingdao China +86-532-66993770 E-mail: sales@chitosanmfg.com

Items	Specifications
Appearance	Off-white or light yellow powder
Viscosity	≤100 mpa.s
Substitution	≥70%
Solubility In Water	Soluble in deionized water
PH	7.0-9.0
Moisture Content	≤12.0%
As	≤3.0 ppm
Pb	≤5.0 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:

Chitosan has a wide range of uses in cosmetics:

As a natural moisturizer, it can lock in skin moisture and improve dryness.

With its film-forming property, Chitosan can be used in masks, hair masks, etc., to form a protective film, enhancing skin firmness or repairing hair.

Chitosan has mild cleansing power, suitable for sensitive skin cleansing products, removing dirt without damaging the skin barrier.

Chitosan has certain antibacterial properties, which helps prevent acne and maintain a healthy skin environment.

Chitosan can regulate the cuticle, promote the absorption of active ingredients, and enhance the efficacy of skin care products.