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: Off-white to light-vellow or tan

Product Datasheet

Physical

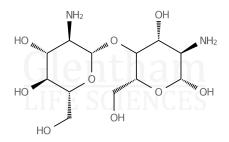
GU0761 - Chitosan oligosaccharide

Product Details

Product Name	Chitosan oligosaccharide
Glentham Code	GU0761
CAS Number	148411-57-8
MDL Number	MFCD00161512
Related Categories	Carbohydrates, Natural Products, Oligosaccharides, Chitin & Chitosan

Structure

Molecular Weight : ≤ 5,000 (avg.) Molecular Formula : -



Description	•	powder
Solubility (5% in water)	:	Clear, yellow-brown solution
pH (1% in water)	:	4.0 - 6.5
Degree of Deacetylation	:	≥ 72.0%
Water	:	≤ 8.0%
Molecular Weight	:	≤ 5000 (average)
Arsenic (As)	:	≤ 0.5ppm
Lead (Pb)	:	≤ 0.5ppm
Mercury (Hg)	:	≤ 0.2ppm
Cadmium (Cd)	:	≤ 0.2ppm
Particle Size	:	≤ 100 mesh
E. Coli	:	≤ 3MPN/g
Salmonella	:	Not detected in 25g
Total Yeast and Mould Count	:	≤ 100CFU/g
Total Plate Count	:	≤ 1000CFU/g
Version	:	v1.1

About Chitosan oligosaccharide

Chitosan oligosaccharide is an oligomer of β -(1, 4)-linked d-glucosamine, prepared by the hydrolysis of chitosan. It is highly water-soluble and is suited to a wide range of biomedical applications.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP. Not classified as dangerous for transport.

Glentham Product Specification

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