

Product Datasheet

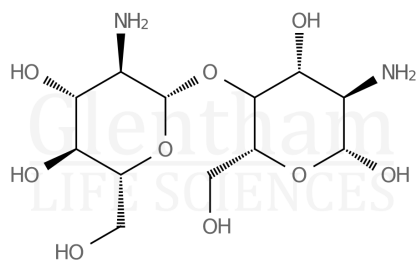
GU0761 - Chitosan oligosaccharide

Product Details

Product Name	Chitosan oligosaccharide
Glenthams 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	: -



Physical Description	: Off-white to light-yellow or tan 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.

Glenthams Product Specification

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025