

Product Datasheet

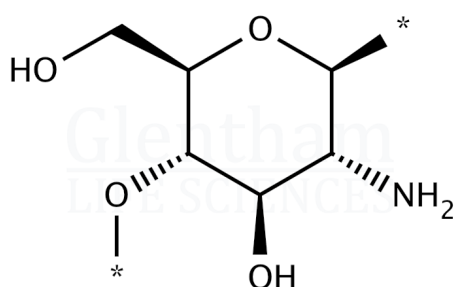
GC9009 - Chitosan, low molecular weight

Product Details

Product Name	Chitosan, low molecular weight
Glenthams Code	GC9009
CAS Number	9012-76-4
EINECS	618-480-0
MDL Number	MFCD00161512
Related Categories	APIs, Carbohydrates, Biochemicals, Natural Products, Polysaccharides, Oligosaccharides, Chitin & Chitosan, Cosmetic Raw Materials

Structure

Molecular Weight : ~50,000
Molecular Formula : $(C_6H_{11}NO_4)_n$



Glenthams Product Specification

Physical Description	: Off-white to light brown or yellow powder
Water	: $\leq 10.0\%$
Ash	: $\leq 2.0\%$
Viscosity	: $\leq 100\text{mPa.s}$
Heavy Metals	: $\leq 10\text{ppm}$
Version	: v1.0

About Chitosan, low molecular weight

Chitosan is a polysaccharide comprised of linked D-glucosamine and N-acetyl-D-glucosamine units. It is produced by the deacetylation of chitin, a naturally occurring polysaccharide. Chitosan is commercially used in agriculture as a biopesticide but has potential applications in the biomedical field due to its antibacterial properties. This product is derived from shrimp shell.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

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