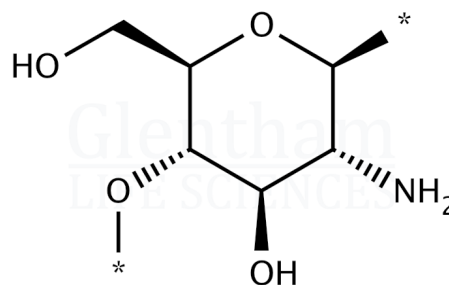


Product Specification

Product Name	Chitosan (2000 - 3500 cps); very high molecular weight
Glentham Code	GP8689
CAS Number	9012-76-4
EINECS	618-480-0
MDL-Nummer	MFCD00161512
Molecular Weight	1,800,000 (avg.)
Molecular Formula	$[C_6H_{11}NO_4]_n$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to light-tan powder
Degree of Deacetylation	≥ 90.0%
Ash	≤ 1.0%
Viscosity	2000 - 3500 cps (1% in 1% acetic acid, 20°C)
Water	≤ 8.0%
Solubility (in acetic acid)	≥ 99%
pH	6.0 - 8.0 (1%, 20°C)
Arsenic (As)	≤ 1mg/kg
Lead (Pb)	≤ 0.5mg/kg
Mercury (Hg)	≤ 0.1mg/kg
Cadmium (Cd)	≤ 1mg/kg
Particle Size	≤ 100 mesh
Microbiological Counts	E. coli, S. Aureus, Coliforms: ≤ 3MPN/g (each)
	Salmonella spp.: Not detected in 25g
	Yeast and Moulds: ≤ 100 CFU/g
	Total Plate Count: ≤ 1000 CFU/g

Specification Version	- v1.2
Date Created	- 2024-02-02

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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