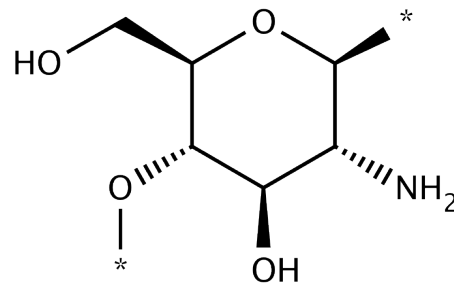


Product Specification

Product Name : Chitosan (50 - 200 cps), high density, fungal origin
Glentham Code : GP2180
CAS Number : 9012-76-4
EINECS : 618-480-0
MDL Number : MFCD00161512

Molecular Weight : 300,000 (avg.)
Molecular Formula : [C₆H₁₁NO₄]_n
Storage Temp. : +20°C



Property	Specification
Physical Description	White to beige or yellow powder
Degree of Deacetylation	≥ 90.0%
Viscosity	50 - 200 cps (1% in 1% acetic acid, 20°C)
pH	7.0 - 8.0
Ash	≤ 2.0%
Loss on Drying	≤ 8.0%
Arsenic (As)	≤ 2.0ppm
Lead (Pb)	≤ 1.0ppm
Cadmium (Cd)	≤ 0.5ppm
Mercury (Hg)	≤ 0.5ppm
Heavy Metals	≤ 20ppm
Particle Size	100% to pass 80-mesh
Origin	Fungus (<i>Aspergillus niger</i>)

Specification Version : v1.0
Date Created : 2017-10-28

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, 2018