

## Product Specification

Product Name : Chitosan (100 - 200 cps), 95%, from mushroom  
Glentham Code : GU6684  
CAS Number : 9012-76-4  
EINECS : 618-480-0  
MDL Number : MFCD00161512

Molecular Weight : -  
Molecular Formula :  $[C_6H_{11}NO_4]_n$   
Storage Temp. : +20°C

Property	Specification
Physical Description	White, off-white or light-yellow powder
pH (1% in 1% AcOH, 20°C)	7.0 - 8.0
Viscosity (1% in 1% AcOH, 20°C)	100 - 200 cps
Colour of Solution	≤ 2Gardner
Transmittance (at 700nm)	≥ 95%
Ash	≤ 2.0%
Water	≤ 8.0%
Arsenic (As)	≤ 2ppm
Lead (Pb)	≤ 1ppm
Cadmium (Cd)	≤ 0.5ppm
Mercury (Hg)	≤ 0.5ppm
Heavy Metals	≤ 20ppm
Total Plate Count	≤ 1000CFU/g
Total Yeast and Mould Count	≤ 100CFU/g
E. Coli	Negative
Salmonella	Negative
Degree of Deacetylation	≥ 95.0%

Specification Version : v1.0  
Date Created : 2018-12-07

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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