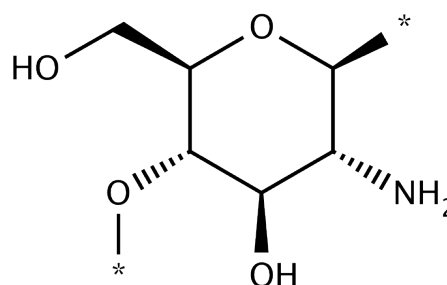


## Product Specification

Product Name : Chitosan, from squid  
Glentham Code : GE4907  
CAS Number : 9012-76-4  
EINECS : 618-480-0  
MDL Number : MFCD00161512  
PubChem SID : 310269598

Molecular Weight : ~580,000  
Molecular Formula :  $[C_6H_{11}NO_4]_n$   
Storage Temp. : +20°C



Property	Specification
Physical Description	White to light-brown powder
Degree of Deacetylation	≥ 90%
Ash	≤ 1.0%
Viscosity	10 - 100 cps
Water	≤ 10.0%
Solubility (in acetic acid)	≥ 99%
pH	6.0 - 8.0 (1% in 1% acetic acid, 20°C)
Arsenic (As)	≤ 1.0mg/kg
Lead (Pb)	≤ 0.5mg/kg
Mercury (Hg)	≤ 0.1mg/kg
Particle Size	≤ 100 mesh
Microbiological Counts	E. coli: Absent Salmonella spp.: Absent Yeast and Moulds: ≤ 100 CFU/g Total Plate Count: ≤ 1000 CFU/g

Specification Version : v1.0  
Date Created : 2015-10-23

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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