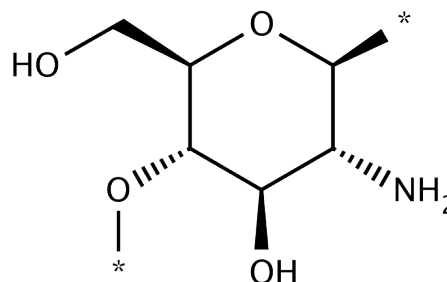


Product Specification

Product Name : Chitosan (300 - 1000 cps), medium molecular weight
Glentham Code : GP8956
CAS Number : 9012-76-4
EINECS : 618-480-0
MDL Number : MFCD00161512

Molecular Weight : 1,250,000 (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	300 - 1000 cps
Water	≤ 8.0%
Solubility (in acetic acid)	≥ 99%
pH	6.0 - 8.0 (1% in 1% acetic acid, 20°C)
Arsenic (As)	≤ 1mg/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	: 2015-06-10

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.

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