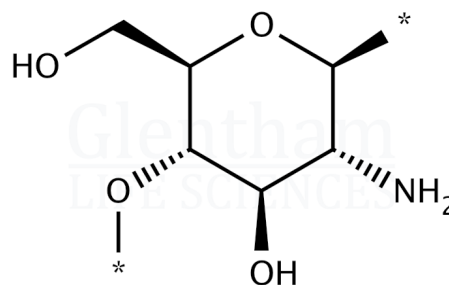


Product Specification

Product Name	Chitosan (30 - 100 cps); low molecular weight
Glenthams Code	GP8523
CAS Number	9012-76-4
EINECS	618-480-0
MDL-Nummer	MFCD00161512
Molecular Weight	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	30 - 100 cps
Water	≤ 8.0%
Solubility (in acetic acid)	≥ 99%
pH	6.0 - 8.0 (1%, 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: ≤ 3 MPN/g
	Salmonella spp.: Absent
	Yeast and Moulds: ≤ 100 CFU/g
	Total Plate Count: ≤ 1000 CFU/g

Specification Version	- v1.1
Date Created	- 2024-08-02

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

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