

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, or light-yellow 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	≤ 0.5mm
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	- 2022-04-21

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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