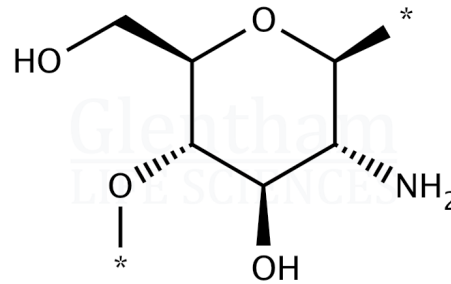


Certificate of Analysis

Product Name	Chitosan, from squid
Glentham Code	GE4907
CAS Number	9012-76-4
EINECS	618-480-0
MDL Number	MFCD00161512
PubChem SID	310269598
Batch Number	222FLT
Molecular Weight	~580,000
Molecular Formula	$[C_6H_{11}NO_4]_n$
Storage Temp.	+20°C



Property	Specification	Batch 222FLT
Physical Description	White to light-brown, or light-yellow powder	Light-yellow powder
Degree of Deacetylation	≥ 90%	96.1%
Ash	≤ 1.0%	0.2%
Viscosity	10 - 100 cps	68.5cps
Water	≤ 10.0%	0.8%
Solubility (in acetic acid)	≥ 99%	Conforms
pH	6.0 - 8.0 (1% in 1% acetic acid, 20°C)	Conforms
Arsenic (As)	≤ 1.0mg/kg	Conforms
Lead (Pb)	≤ 0.5mg/kg	Conforms
Mercury (Hg)	≤ 0.1mg/kg	Conforms
Particle Size	≤ 0.5mm	Conforms
Microbiological Counts	E. coli: ≤ 3 MPN/g	Conforms
	Salmonella spp.: Absent	Conforms
	Yeast and Moulds: ≤ 100 CFU/g	Conforms
	Total Plate Count: ≤ 1000 CFU/g	Conforms

Specification Version	v1.1
Manufacture Date	2022-03-24
Re-Test Date	2029-07-07

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 or contact us using the details above for the current version of this document.

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