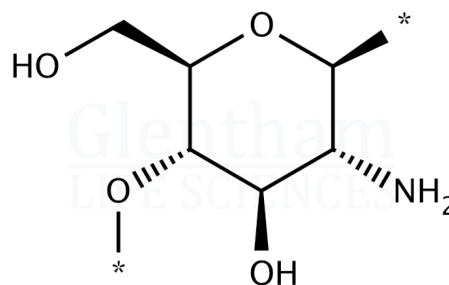


Product Specification

Product Name	Chitosan (10 cps); very low molecular weight
Glentham Code	GP5480
CAS Number	9012-76-4
EINECS	618-480-0
MDL Number	MFCD00161512
Molecular Weight	30,000 (avg.)
Molecular Formula	$[C_6H_{11}NO_4]_n$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to light-tan, or light-yellow powder
Degree of Deacetylation	≥ 90.0%
Ash	≤ 1.0%
Viscosity	≤ 10cps (1% in 1% acetic acid, 20°C)
Water	≤ 8.0%
Solubility (in acetic acid)	≥ 99%
pH	6.0 - 8.0 (1%, 20°C)
Arsenic (As)	≤ 1mg/kg
Lead (Pb)	≤ 0.5mg/kg
Mercury (Hg)	≤ 0.1mg/kg
Cadmium (Cd)	≤ 1mg/kg
Particle Size	≤ 100 mesh
Microbiological Counts	E. coli: ≤ 3MPN/g
	Coliforms: ≤ 3MPN/g
	S. Aureus: ≤ 10CFU/g
	Salmonella spp.: Not detected in 25g
	Yeast and Moulds: ≤ 100 CFU/g
	Total Plate Count: ≤ 1000 CFU/g

Specification Version	- v1.3
Date Created	- 2024-02-02

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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