

Product Specification

Product Name	Chitosan (5 cps); ultra low molecular weight
Glenthams Code	GP1318
CAS Number	9012-76-4
EINECS	618-480-0
MDL Number	MFCD00161512
Molecular Weight	20,000 (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%
Sulphated Ash	≤ 1.0%
Viscosity (1% in 1% AcOH, 20°C)	≤ 5cps
Water	≤ 8.0%
Solubility (in acetic acid)	≥ 99%
pH (1% in water, 20°C)	6.0 - 8.0
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 0.5ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Particle Size	≤ 100mesh
Yeast and Mould	≤ 100CFU/g
Total Plate Count	≤ 1000CFU/g

Specification Version	- v1.1
Date Created	- 2020-02-18

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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