

## 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](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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