

## Product Specification

Product Name	Chitosan (10 - 120 cps); from Aspergillus niger
Glentham Code	GU8949
CAS Number	9012-76-4
EINECS	618-480-0
MDL Number	MFCD00161512
Molecular Weight	-
Molecular Formula	$[C_6H_{11}NO_4]_n$
Storage Temp.	+20°C



Property	Specification
Physical Description	Off-white to light-yellow or pale tan powder
Solubility (1% in 1% acetic acid)	Clear to slightly turbid, colourless to pale yellow-brown solution
Viscosity (1% in 1% AcOH, 20°C)	10 - 120 cps
Ash	≤ 2.0%
Loss on Drying	≤ 15.0%
Arsenic (As)	≤ 2.0ppm
Lead (Pb)	≤ 1.0ppm
Cadmium (Cd)	≤ 0.5ppm
Mercury (Hg)	≤ 0.5ppm
Heavy Metals	≤ 20ppm
Degree of Deacetylation	≥ 85.0%
Source	Aspergillus niger
Specification Version	- v1.1
Date Created	- 2019-05-01

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

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