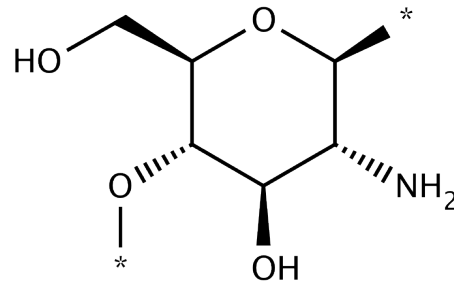


## Product Specification

Product Name	Chitosan (30 - 100 cps), low molecular weight
Glentham Code	GP8523
CAS Number	9012-76-4
EINECS	618-480-0
MDL Number	MFCD00161512
Molecular Weight	250,000 (avg.)
Molecular Formula	[C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub> ] <sub>n</sub>
Storage Temp.	+20°C



Property	Specification
Physical Description	White to light-tan powder
Degree of Deacetylation	≥ 90.0%
Ash	≤ 1.0%
Viscosity	30 - 100 cps
Water	≤ 8.0%
Solubility (in acetic acid)	≥ 99%
pH	6.0 - 8.0 (1%, 20°C)
Arsenic (As)	≤ 1.0mg/kg
Lead (Pb)	≤ 0.5mg/kg
Mercury (Hg)	≤ 0.1mg/kg
Particle Size	≤ 100 mesh
Microbiological Counts	E. coli: Absent
	Salmonella spp.: Absent
	Yeast and Moulds: ≤ 100 CFU/g
	Total Plate Count: ≤ 1000 CFU/g

Specification Version	-	v1.0
Date Created	-	2015-06-10

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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