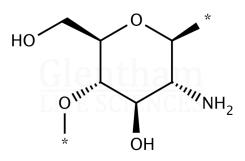


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## Certificate of Analysis

**Product Name** Chitosan (100 - 300 cps); low molecular Glentham Code GP7325 CAS Number 9012-76-4 **EINECS** 618-480-0 MDL Number MFCD00161512 **Batch Number** 410SQA Molecular Weight 890,000 (avg.) Molecular Formula  $[C_6H_{11}NO_4]n$ Storage Temp.



Property	Specification	Batch 410SQA
Physical Description	White to light-tan powder	Almost white powder
Degree of Deacetylation	≥ 90.0%	92.8%
Sulphated Ash	≤ 1.0%	0.3%
Viscosity (1% in 1% AcOH, 20°C)	100 - 300 cps	272cps
Water	≤ 8.0%	5.2%
Solubility (in acetic acid)	≥ 99%	Conforms
pH (1% in water, 20°C)	6.0 - 8.0	7.0
Arsenic (As)	≤ 1ppm	Conforms
Lead (Pb)	≤ 0.5ppm	Conforms
Mercury (Hg)	≤ 0.1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Particle Size	≤ 100mesh	Conforms
Yeast and Mould	≤ 100CFU/g	Conforms
Total Plate Count	≤ 1000CFU/g	Conforms

Specification Version v1.1

Manufacture Date 2023-08-19

Re-Test Date 2029-10-05

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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