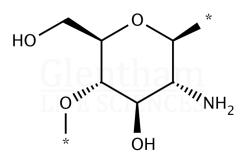


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Certificate of Analysis

Product Name Chitosan (30 - 100 cps); low molecular Glentham Code GP8523 CAS Number 9012-76-4 **EINECS** 618-480-0 MDL Number MFCD00161512 **Batch Number** 015RDA Molecular Weight 250,000 (avg.) Molecular Formula $[C_6H_{11}NO_4]n$ Storage Temp.



Property	Specification	Batch 015RDA
Physical Description	White to light-tan powder	Light-tan powder
Degree of Deacetylation	≥ 90.0%	93.1%
Ash	≤ 1.0%	0.1%
Viscosity	30 - 100 cps	49.1cps
Water	≤ 8.0%	3.8%
Solubility (in acetic acid)	≥ 99%	Conforms
рН	6.0 - 8.0 (1%, 20°C)	7.0
Arsenic (As)	≤ 1.0mg/kg	Conforms
Lead (Pb)	≤ 0.5mg/kg	Conforms
Mercury (Hg)	≤ 0.1mg/kg	Conforms
Particle Size	≤ 100 mesh	Conforms
Microbiological Counts	E. coli: ≤ 3 MPN/g	Conforms
	Salmonella spp.: Absent	Conforms
	Yeast and Moulds: ≤ 100 CFU/g	Conforms
	Total Plate Count: ≤ 1000 CFU/g	Conforms

Specification Version v1.1

Manufacture Date 2024-05-14

Re-Test Date 2032-04-18

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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