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Certificate of Analysis

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Product Name	Chitosan (30 - 1 weight	100 cps); low molecular		
Glentham Code	GP8523			
CAS Number	9012-76-4			HO
EINECS	618-480-0			
MDL Number	MFCD0016151	2		GI
Batch Number	647JZX			01
Molecular Weight	250,000 (avg.)			
Molecular Formula	[C ₆ H ₁₁ NO ₄]n			*
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%		
рН		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 (CF	U/g
		Total Plate Count: ≤ 1000	С	FU/g

Specification Version Manufacture Date Re-Test Date v1.0 2023-09-27 2031-09-15

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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