

Certificate of Analysis

Product Name	Chitosan (10 - 120 cps); fungal origin
Glentham Code	GU1067
CAS Number	9012-76-4
EINECS	618-480-0
MDL Number	MFCD00161512
Batch Number	048GSX

Molecular Weight	-
Molecular Formula	$[C_6H_{11}NO_4]_n$
Storage Temp.	+20°C



Property	Specification	Batch 048GSX
Physical Description	Off-white to light-yellow or pale tan powder	Pale tan powder
Solubility (1% in 1% acetic acid)	Clear to slightly turbid, colourless to pale yellow-brown solution	Pale yellow-brown solution
Viscosity (1% in 1% AcOH, 20°C)	10 - 120 cps	52cps
Ash	≤ 2.0%	0.6%
Loss on Drying	≤ 15.0% (105°C)	11.2%
Arsenic (As)	≤ 2ppm	Conforms
Lead (Pb)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 0.5ppm	Conforms
Mercury (Hg)	≤ 0.5ppm	Conforms
Heavy Metals	≤ 20ppm	Conforms
Degree of Deacetylation	≥ 85%	98.0%
Source	Mushroom	Conforms

Specification Version	v1.1
Manufacture Date	2024-11-15
Re-Test Date	2033-12-04

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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