

Certificate of Analysis

Product Name	Chitosan hydrochloride (10 - 120 cps); fungal origin
Glenthams Code	GU9054
CAS Number	70694-72-3
MDL Number	MFCD00161512
Additional CAS	9012-76-4
Batch Number	170RIJ

Molecular Weight	-
Molecular Formula	-
Storage Temp.	+20°C

Property	Specification	Batch 170RIJ
Physical Description	Off-white to light-yellow or pale tan powder	Light-yellow powder
Solubility (1% in water)	Clear to very faintly turbid, colourless to pale yellow solution	Very faintly turbid, colourless solution
pH (1% in water, 20°C)	3.0 - 6.0	4.0
Viscosity (1% in water, 20°C)	10 - 120 cps	20cps
Sulphated Ash	≤ 2.0%	0.5%
Loss on Drying	≤ 10.0%	7.9%
Arsenic (As)	≤ 2.0ppm	Conforms
Lead (Pb)	≤ 1.0ppm	Conforms
Mercury (Hg)	≤ 1.0ppm	Conforms
Cadmium (Cd)	≤ 1.0ppm	Conforms
Heavy Metals	≤ 20ppm	Conforms
Degree of Deacetylation	≥ 85.0%	98.1%
Origin	Mushroom	Conforms

Specification Version	v1.0
Manufacture Date	2024-01-19
Re-Test Date	2033-06-17

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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