

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	583WSA

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

Property	Specification	Batch 583WSA
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, pale yellow solution
pH (1% in water, 20°C)	3.0 - 6.0	3.9
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	≤ 2.0ppm
Lead (Pb)	≤ 1.0ppm	≤ 1.0ppm
Mercury (Hg)	≤ 1.0ppm	≤ 0.5ppm
Cadmium (Cd)	≤ 1.0ppm	≤ 0.5ppm
Heavy Metals	≤ 20ppm	≤ 20ppm
Degree of Deacetylation	≥ 85.0%	98.0%
Origin	Mushroom	Mushroom

Specification Version	v1.0
Manufacture Date	2024-01-19
Re-Test Date	2033-03-22

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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