

Certificate of Analysis

Product Name	Chitosan hydrochloride (10 - 120 cps)
Glentham Code	GU8920
CAS Number	70694-72-3
Batch Number	719FSH

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

Property	Specification	Batch 719FSH
Physical Description	White to off-white, beige or light-yellow powder	Conforms
Identification	To pass tests	Conforms
Solubility (1% in water)	Colourless to pale yellow solution	Conforms
Water Insoluble Matter	≤ 0.5%	0.01%
pH (1% in water)	4.0 - 6.0	4.23
Viscosity	10 - 120 cps (1% in water, 20°C)	28cps
Chlorides	10.0 - 20.0 %	13.26%
Heavy Metals	≤ 40ppm	Conforms
Lead (Pb)	≤ 0.5ppm	Conforms
Loss on Drying	≤ 10.0%	7.87%
Sulphated Ash	≤ 1.0%	0.37%
Degree of Deacetylation	≥ 80.0% (dried basis)	90.24%

Specification Version	v1.0
Manufacture Date	2017-11-12
Re-Test Date	2030-01-02

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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