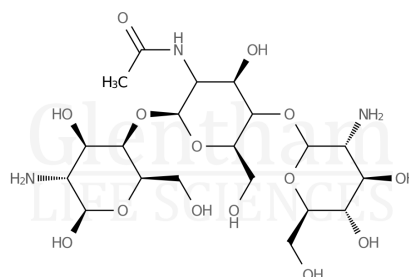


Certificate of Analysis

Product Name	Carboxymethyl chitosan (10 - 80 cps); fungal origin
Glenthams Code	GC8479
CAS Number	83512-85-0
MDL Number	MFCD00677440
Batch Number	950QFU
Molecular Weight	-
Molecular Formula	-
Storage Temp.	+20°C



Property	Specification	Batch 950QFU
Physical Description	White, off-white or pale yellow powder	Pale yellow powder
Degree of Substitution	≥ 80.0%	83.5%
Viscosity (1% in water, 20°C)	10 - 80 cps	60cps
pH	7.0 - 10.0	8
Ash	≤ 2.0%	0.7%
Loss on Drying	≤ 10.0%	7.9%
Arsenic (As)	≤ 2.0ppm	Conforms
Lead (Pb)	≤ 1.0ppm	Conforms
Cadmium (Cd)	≤ 0.5ppm	Conforms
Mercury (Hg)	≤ 0.5ppm	Conforms
Heavy Metals	≤ 20ppm	Conforms
Particle Size	100% to pass 80-mesh	Conforms
Total Plate Count	≤ 1000CFU/g	336CFU/g
Total Yeast and Mould Count	≤ 100CFU/g	25CFU/g
E. Coli	Negative	Conforms
Salmonella	Negative	Conforms
Origin	Mushroom	Conforms

Specification Version	v1.2
Manufacture Date	2023-10-26
Re-Test Date	2032-01-16

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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