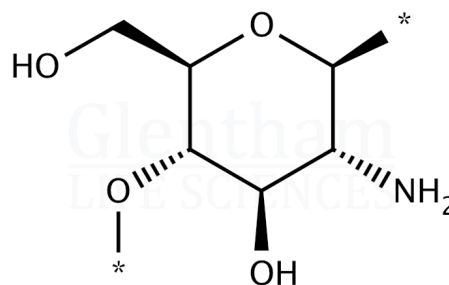


Certificate of Analysis

Product Name Chitosan, from squid
Glentham Code GE4907
CAS Number 9012-76-4
EINECS 618-480-0
MDL-Nummer MFCD00161512
PubChem SID 310269598
Batch Number 222FLT

Molecular Weight ~580,000
Molecular Formula $[C_6H_{11}NO_4]_n$
Storage Temp. +20°C



Property	Specification	Batch 222FLT
Physical Description	White to light-brown, or light-yellow powder	Light-yellow powder
Degree of Deacetylation	≥ 90%	96.1%
Ash	≤ 1.0%	0.2%
Viscosity	10 - 100 cps	68.5cps
Water	≤ 10.0%	0.8%
Solubility (in acetic acid)	≥ 99%	Entspricht
pH	6.0 - 8.0 (1% in 1% acetic acid, 20°C)	Entspricht
Arsenic (As)	≤ 1.0mg/kg	Entspricht
Lead (Pb)	≤ 0.5mg/kg	Entspricht
Mercury (Hg)	≤ 0.1mg/kg	Entspricht
Particle Size	≤ 0.5mm	Entspricht
Microbiological Counts	E. coli: ≤ 3 MPN/g	Entspricht
	Salmonella spp.: Absent	Entspricht
	Yeast and Moulds: ≤ 100 CFU/g	Entspricht
	Total Plate Count: ≤ 1000 CFU/g	Entspricht

Specification Version v1.1
Manufacture Date 2022-03-24
Re-Test Date 2029-07-07

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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