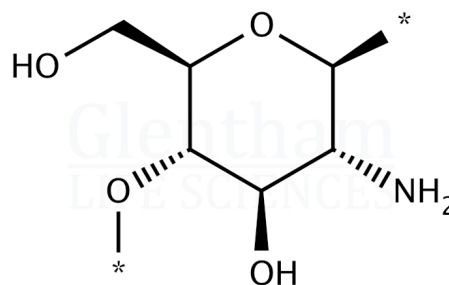


Certificate of Analysis

Product Name	Chitosan (300 - 1000 cps); medium molecular weight
Glentham Code	GP8956
CAS Number	9012-76-4
EINECS	618-480-0
MDL-Nummer	MFCD00161512
Batch Number	916KZJ
Molecular Weight	1,250,000 (avg.)
Molecular Formula	$[C_6H_{11}NO_4]_n$
Storage Temp.	+20°C



Property	Specification	Batch 916KZJ
Physical Description	White to light-tan powder	Almost white powder
Degree of Deacetylation	≥ 90.0%	93.5%
Ash	≤ 1.0%	0.6%
Viscosity	300 - 1000 cps	586cps
Water	≤ 8.0%	5.3%
Solubility (in acetic acid)	≥ 99%	Entspricht
pH	6.0 - 8.0 (1%, 20°C)	7.0
Arsenic (As)	≤ 1mg/kg	Entspricht
Lead (Pb)	≤ 0.5mg/kg	Entspricht
Mercury (Hg)	≤ 0.1mg/kg	Entspricht
Particle Size	≤ 100 mesh	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	2023-08-19
Re-Test Date	2031-10-05

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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