

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-06-02 13:12:39
Date of Next Testing: 2026-06-01 13:12:39
Product Name: **Chitosan**
CAS Number: 9012-76-4
Specifications & Purity: ≥95% (deacetylated), viscosity 100-200 mPa.s from shrimp shells
Lot #: F2201009
SKU #: **C105799**
Analysis: **093607**

Parameter	Limit Values	Result
(As)Arsenic	0-0.5 (ppm)	0.10000 ppm
Deacetylation value	95-100 (%)	96.29000 %
Total number of bacteria	0-1000 (cfu/g)	10.00000 cfu/g
Viscosity(1% in 1% acetic acid)	100-200 (mPa·S)	101.00000 mPa·S
Ash	0-1.5 (%)	0.18000 %
bulk density	≥0.3 (g/ml)	0.50000 g/ml
Total yeasts and molds count(TYMC)	0-100 (cfu/g)	3.00000 cfu/g
Water by Karl Fischer	0-10 (%)	8.38000 %
Heavy metals	0-10 (ppm)	2.30000 ppm
Appearance (C105799)	off-white to tan powder or chunks	off-white to tan powder or chunks
Escherichia Coli	none detected	none detected
Salmonella	none detected	none detected



John Su
QA & QC Manager