

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-08 14:10:55
 Date of Next Testing: 2029-05-07 14:10:55
 Product Name: **Chitosan**
 CAS Number: 9012-76-4
 Specifications & Purity: $\geq 95\%$ (deacetylated) ,viscosity 100-200 mPa.s from shrimp shells
 Lot #: E2506129
 SKU #: **C105799**
 Version: **0**
 Analysis #: **502028**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
(As)Arsenic	0-0.5 (ppm)	0.10250 ppm
Deacetylation value	95-100 (%)	95.10000 %
Total number of bacteria	0-1000 (cfu/g)	10.00000 cfu/g
Ash	0-1.5 (%)	0.69000 %
Total yeasts and molds count(TYMC)	0-100 (cfu/g)	0.32500 cfu/g
Water by Karl Fischer	0-10 (%)	8.67000 %
Viscosity(1% in 1% acetic acid)	100-200 (mPa·S)	154.00000 mPa·S
bulk density	≥ 0.3 (g/ml)	0.35000 g/ml
Heavy metals	0-10 (ppm)	5.00000 ppm
Appearance (C105799)	off-white to yellow to tan powder or chunks	off-white to yellow to tan powder or chunks
Escherichia Coli	none detected	none detected
Salmonella	none detected	none detected



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager