

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-07 15:06:04
 Date of Next Testing: 2029-04-06 15:06:04
 Product Name: **Chitosan**
 CAS Number: 9012-76-4
 Specifications & Purity: ≥95% (deacetylated) ,viscosity 100-200 mPa.s from shrimp shells
 Lot #: F2117109
 SKU #: **C105799**
 Version: **0**
 Analysis #: **491136**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
(As)Arsenic	0-0.5 (ppm)	0.50000 ppm
Deacetylation value	95-100 (%)	95.10000 %
Total number of bacteria	0-1000 (cfu/g)	999.00000 cfu/g
Viscosity(1% in 1% acetic acid)	100-200 (mPa·S)	113.00000 mPa·S
Ash	0-1.5 (%)	0.93500 %
bulk density	>=0.3(g/ml)	0.30000 g/ml
Total yeasts and molds count(TYMC)	0-100 (cfu/g)	99.00000 cfu/g
Water by Karl Fischer	0-10 (%)	7.51000 %
Heavy metals	0-10 (ppm)	2.10000 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

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager