

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-29 14:18:46

Date of Next Testing: 2029-10-28 14:18:46

Product Name: **Chitosan**

CAS Number: 9012-76-4

Specifications & Purity: high viscosity, > 400 mPa.s, from shrimp shells

Lot #: J2527445

SKU #: **C105803**

Version: **2**

Analysis #: **593154**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate) 0-2 (%)		0.30000 %
Deacetylation value(after drying) 80-100 (%)		90.80000 %
Insoluble matter(in 1% acetic acid) 0-1 (%)		0.32500 %
Loss on drying 0-15 (%)		3.40000 %
Viscosity(1% in 1% acetic acid) 400-800 (mPa·S)		509.00000 mPa·S
Appearance (C105803)	White to Off-White to Yellow Solid, Powder, or Crystals	White to Off-White to Yellow Solid, Powder, or Crystals



John Su
QA & QC Manager