

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-05 10:08:00  
Date of Next Testing: 2029-08-04 10:08:00  
Product Name: **Chitosan**  
CAS Number: 9012-76-4  
Specifications & Purity: high viscosity, > 400 mPa.s, from shrimp shells  
Lot #: G2530047  
SKU #: **C105803**  
Version: **2**  
Analysis #: **469681**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	7.03 %
Ignition Residue (as sulfate)	0-2 (%)	1.24 %
Deacetylation value(after drying)	80-100 (%)	81.06 %
Insoluble matter(in 1% acetic acid)	0-1 (%)	0.00000 %
Viscosity(1% in 1% acetic acid)	400-800 (mPa·S)	578.00 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