

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-04 13:42:18  
Date of Next Testing: 2027-01-03 13:42:18  
Product Name: **Chitosan**  
CAS Number: 9012-76-4  
Specifications & Purity: high viscosity, >400 mPa.s, from shrimp shells  
Lot #: L22151186  
SKU #: **C105803**  
Version: **2**  
Analysis #: **107006**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	0.00%
Viscosity(1% in 1% acetic acid)	400-800 (mPa·S)	517.00 mPa·S
Ignition Residue (as sulfate)	0-2 (%)	0.25%
Insoluble matter	0-1 (%)	0.00%
Deacetylation value(after drying)	80-100 (%)	88.89%
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