

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-01 17:27:09
Date of Next Testing: 2026-11-30 17:27:09
Product Name: **Chitosan**
CAS Number: 9012-76-4
Specifications & Purity: high viscosity, >400 mPa.s, from shrimp shells
Lot #: K2229807
SKU #: **C105803**
Analysis: **090960**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|-----------------------------------|---|---|
| Loss on drying | 0-15 (%) | 0.12 % |
| Viscosity(1% in 1% acetic acid) | 400-800 (mPa·S) | 615.00 mPa·S |
| Ignition Residue (as sulfate) | 0-2 (%) | 0.00 % |
| Insoluble matter | 0-1 (%) | 0.00 % |
| Deacetylation value(after drying) | 80-100 (%) | 91.99 % |
| 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