

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-09 09:18:30
Date of Next Testing: 2027-06-08 09:18:30
Product Name: **Chitosan**
CAS Number: 9012-76-4
Specifications & Purity: high viscosity, >400 mPa.s, from shrimp shells
Lot #: F2303187
SKU #: **C105803**
Analysis: **227259**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|-------------------------------------|---|---|
| Loss on drying | 0-15 (%) | 0.63 % |
| Viscosity(1% in 1% acetic acid) | 400-800 (mPa-S) | 501.00 mPa-S |
| Ignition Residue (as sulfate) | 0-2 (%) | 1.72 % |
| Deacetylation value(after drying) | 80-100 (%) | 83.33 % |
| Insoluble matter(in 1% acetic acid) | 0-1 (%) | 0.00000 % |
| 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