

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-09 18:59:21

Date of Next Testing: 2029-01-08 18:59:21

Product Name: **Chitosan**

CAS Number: 9012-76-4

Specifications & Purity: low viscosity , < 200 mPa.s

Lot #: A2509008

SKU #: **C105801**

Version: **0**

Analysis #: **449897**

Storage Temperature: Room temperature

| Parameter                       | Limit Values                                          | Result                                                |
|---------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| DAC degree                      | 90-100 (%)                                            | 95.20000 %                                            |
| Loss on drying                  | 0-10 (%)                                              | 2.50000 %                                             |
| Insoluble matter                | 0-1 (%)                                               | 1.00000 %                                             |
| Viscosity(1% in 1% acetic acid) | 0-200 (mPa·S)                                         | 109.00000 mPa·S                                       |
| Ignition Residue (as sulfate)   | 0-2 (%)                                               | 0.40000 %                                             |
| Appearance (C105801)            | White or yellowish powder crystalline powder or flake | White or yellowish powder crystalline powder or flake |



John Su  
QA & QC Manager