

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-02 14:47:53

Date of Next Testing: 2029-09-01 14:47:53

Product Name: **Chitosan**

CAS Number: 9012-76-4

Specifications & Purity:  $\geq 75\%$ (deacetylated)

Lot #: H2525222

SKU #: **C299272**

Version: **0**

Analysis #: **545753**

Storage Temperature: Room temperature

| Parameter                         | Limit Values                 | Result                       |
|-----------------------------------|------------------------------|------------------------------|
| Ignition Residue (as sulfate)     | 0-2 (%)                      | 1.98115 %                    |
| Insoluble matter                  | 0-1 (%)                      | 0.00000 %                    |
| Deacetylation value(after drying) | 75-100 (%)                   | 82.23000 %                   |
| Viscosity(1% in 1% acetic acid)   | 100-300 (mPa·S)              | 150.30000 mPa·S              |
| Appearance (C299272)              | White or light yellow powder | White or light yellow powder |



John Su  
QA & QC Manager