

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-27 11:22:24

Date of Next Testing: 2028-04-16 11:22:24

Product Name: **Chitosan Quaternary Ammonium Salt**

CAS Number:

Specifications & Purity: Substitution degree  $\geq 80\%$ , water-soluble

Lot #: D2624220

SKU #: **D1516230**

Version: **1**

**Analysis #:** **694909**

Storage Temperature: Room temperature

| Parameter                              | Limit Values                     | Result                           |
|----------------------------------------|----------------------------------|----------------------------------|
| Drying loss                            | $\leq 10$ (%)                    | 2.51946 %                        |
| Residue on Ignition                    | 0-1 (%)                          | 0.72520 %                        |
| Water Insoluble Matter                 | 0-1 (%)                          | 0.00000 %                        |
| Viscosity (1% aqueous solution, 20 °C) | 10-200 (mpa.s)                   | 100.60000 mPa·S                  |
| Degree of substitution                 | 80-100 (%)                       | 97.70000 %                       |
| Appearance(D1516230)                   | Off-white to light yellow powder | Off-White to Light Yellow Powder |



John Su  
QA & QC Manager