

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-23 10:28:58

Date of Next Testing: 2029-03-22 10:28:58

Product Name: **CAPS**

CAS Number: 1135-40-6

Specifications & Purity: UltraBio™, Ultra pure, ≥99%

Lot #: C2621002

SKU #: **C431511**

Version: **1**

Analysis #: **679976**

Storage Temperature: Room temperature

| Parameter                                        | Limit Values          | Result                |
|--------------------------------------------------|-----------------------|-----------------------|
| pH(0.5 M Solution (20°C))                        | 3.0-7.0               | 6.01470               |
| Residue on ignition(Ash)                         | 0-0.1 (%)             | 0.00020 %             |
| Insoluble matter                                 | 0-0.1 (%)             | 0.00140 %             |
| Chloride (Cl-)                                   | 0-0.05 (%)            | 0.00250 %             |
| Sulfate(SO42-)                                   | 0-0.05 (%)            | 0.00500 %             |
| Aluminum(Al)                                     | 0-0.0005 (%)          | 0.00000 %             |
| Phosphorus (P)                                   | 0-0.005 (%)           | 0.00000 %             |
| Lead(Pb)                                         | 0-0.001 (%)           | 0.00000 %             |
| Iron(Fe)                                         | 0-0.0005 (%)          | 0.00000 %             |
| Copper(Cu)                                       | 0-0.0005 (%)          | 0.00000 %             |
| Zinc(Zn)                                         | 0-0.0005 (%)          | 0.00000 %             |
| Calcium(Ca)                                      | 0-0.0005 (%)          | 0.00000 %             |
| Magnesium(Mg)                                    | 0-0.0005 (%)          | 0.00000 %             |
| Sodium(Na)                                       | 0-0.005 (%)           | 0.00000 %             |
| Potassium(K)                                     | 0-0.005 (%)           | 0.00000 %             |
| UV - ABS. AT 260 NM(0.5M in H2O)                 | 0-0.2                 | 0.09980               |
| UV - ABS. AT 280 NM(0.5M in H2O)                 | 0-0.2                 | 0.01000               |
| Ammonia (NH3)                                    | 0-0.05 (%)            | 0.00410 %             |
| Water by Karl Fischer                            | 0-1 (%)               | 0.64100 %             |
| Purity (Titration by NaOH)                       | 98.5-102.5 (%)        | 99.50000 %            |
| Appearance(C431511)                              | White Powder          | White powder          |
| Solubility in H2O,Colorless and clear(0.5M,20°C) | Pass                  | Pass                  |
| Infrared spectrum                                | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager