

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2026-03-19 09:56:16
Date of Next Testing:	2029-03-18 09:56:16
Product Name:	<b>CAPS</b>
CAS Number:	1135-40-6
Specifications & Purity:	UltraBio™, Ultra pure, ≥99%
Lot #:	C2616258
SKU #	<b>C431511</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>677274</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
pH(0.5 M Solution (20°C))	3.0-7.0	5.63800
Residue on ignition(Ash)	0-0.1 (%)	0.00000 %
Insoluble matter	0-0.1 (%)	0.00000 %
Chloride (Cl-)	0-0.05 (%)	0.00000 %
Sulfate(SO42-)	0-0.05 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Phosphorus (P)	0-0.005 (%)	0.00210 %
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 (%)	0.00020 %
UV - ABS. AT 260 NM(0.5M in H2O)	0-0.2	0.01480
UV - ABS. AT 280 NM(0.5M in H2O)	0-0.2	0.09600
Ammonia (NH3)	0-0.05 (%)	0.00230 %
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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager