

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-31 09:45:45
 Date of Next Testing: 2029-12-30 09:45:45
 Product Name: **CAPS**
 CAS Number: 1135-40-6
 Specifications & Purity: Ultra pure, ≥99%(HPLC)
 Lot #: L2530467
 SKU #: **C105210**
 Version: **0**
 Analysis #: **628694**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-10 (ppm)	0.16 ppm
Manganese(Mn)	0-5 (ppm)	0.02 ppm
Chloride (Cl-)	0-50 (ppm)	1.82 ppm
Aluminum(Al)	0-5 (ppm)	0.21 ppm
Strontium(Sr)	0-5 (ppm)	0.05 ppm
Cadmium(Cd)	0-5 (ppm)	0.27 ppm
Lithium(Li)	0-5 (ppm)	0.00 ppm
UV Absorbance 260nm	0-0.04	0.00
Copper(Cu)	0-5 (%)	0.02 %
(Pb)Lead	0-5 (ppm)	0.02 ppm
Nickel(Ni)	0-5 (ppm)	0.25 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Purity(HPLC)	98-100 (%)	99.97800 %
UV Absorbance 280nm	0-0.04	0.00
Cobalt(Co)	0-5 (ppm)	0.25 ppm
(As)Arsenic	0-0.1 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.16 ppm
Magnesium(Mg)	0-5 (ppm)	0.03 ppm
Molybdenum(Mo)	0-5 (ppm)	0.08 ppm
Sulfate(SO42-)	0-150 (ppm)	1.18 ppm
loss on drying, 110 °C	0-1 (%)	0.37 %
Iron(Fe)	0-5 (ppm)	0.06 ppm
Bismuth(Bi)	0-5 (ppm)	0.33 ppm
PH(25 °C, 0.5 M in Water)	3.5-6	5.92
Ignition Residue	0-0.05 (%)	0.00 %

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values	Result
Potassium(K)	0-50 (ppm)	1.52 ppm
Sodium(Na)	0-50 (ppm)	0.84 ppm
Zinc(Zn)	0-5 (ppm)	0.10 ppm
Appearance (C105210)	white crystalline powder	white crystalline powder
pKa	6.8	6.8
Solubility in H ₂ O , soluble , 1M , 20°C, clear, colorless	pass	Pass
λ,0.05 M in H ₂ O	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager