

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-16 10:37:05
 Date of Next Testing: 2029-06-15 10:37:05
 Product Name: **Calcium acetate hydrate**
 CAS Number: 114460-21-8
 Specifications & Purity: UltraBio™, Ultra pure, ≥99%(calc. on dried material,KT)
 Lot #: F2608349
 SKU #: **C476202**
 Version: **1**
 Analysis #: **690723**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration with EDTA)(after loss on drying)	98.5-101.5 (%)	99.60000 %
Water by Karl Fischer	0-7 (%)	5.00000 %
Barium(Ba)	0-20 (ppm)	2.50000 ppm
Bismuth(Bi)	0-5 (ppm)	3.10000 ppm
Cadmium(Cd)	0-5 (ppm)	4.21000 ppm
Cobalt(Co)	0-5 (ppm)	1.50000 ppm
Chromium(Cr)	0-5 (ppm)	1.88000 ppm
Copper(Cu)	0-5 (ppm)	1.50000 ppm
Iron(Fe)	0-5 (ppm)	2.58000 ppm
Potassium(K)	0-100 (ppm)	6.52000 ppm
Lithium(Li)	0-5 (ppm)	2.52000 ppm
Magnesium(Mg)	0-1000 (ppm)	1.55200 ppm
Manganese(Mn)	0-5 (ppm)	4.21000 ppm
Molybdenum(Mo)	0-5 (ppm)	1.66000 ppm
Sodium(Na)	0-150 (ppm)	2.66600 ppm
Nickel(Ni)	0-5 (ppm)	2.05000 ppm
Lead(Pb)	0-5 (ppm)	3.60400 ppm
Strontium(Sr)	0-200 (ppm)	1.99000 ppm
Zinc(Zn)	0-5 (ppm)	1.55200 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.02000 ppm
Total sulfur as SO4 (ICP)	0-200 (ppm)	10.95000 ppm
Chloride (Cl-)	0-50 (ppm)	16.25000 ppm
PH(1M in H2O)	7.0-8.5	7.60000
Uv-Abs. At 260 nm	0-0.09	0.02300
Uv-Abs. At 280 nm	0-0.07	0.01800

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Parameter

Appearance(C476202)

X-Ray Diffraction

Solubility(1M in H₂O), Clear colorless Liquid

Residue (filter test)

Limit Values

Colorless or White Solid

Conforms to Structure

Pass

no residue

Result

colorless or white solid

Conforms to Structure

Pass

no residue

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

John Su
QA & QC Manager