

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 17:04:45

Date of Next Testing: 2029-09-16 17:04:45

Product Name: **Ammonium acetate**

CAS Number: 631-61-8

Specifications & Purity: UltraPureChrom™, for LC-MS, ≥99%

Lot #: I2511219

SKU #: **A112060**

Version: **1**

Analysis #: **580648**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Copper(Cu)	0-1 (ppm)	0.00000 ppm
Lithium(Li)	0-1 (ppm)	0.00000 ppm
Iron(Fe)	0-1 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-1 (ppm)	0.00000 ppm
Bismuth(Bi)	0-1 (ppm)	0.00000 ppm
Cobalt(Co)	0-1 (ppm)	0.00000 ppm
Magnesium(Mg)	0-1 (ppm)	0.00000 ppm
cation traces Al	0-1 (ppm)	0.00000 ppm
Chromium(Cr)	0-1 (ppm)	0.00000 ppm
Nickel(Ni)	0-1 (ppm)	0.00000 ppm
Sodium(Na)	0-5 (ppm)	0.00000 ppm
(NO3)Nitrate	0-10 (ppm)	0.00000 ppm
UV Absorbance 280nm	0-0.01	0.00660
Purity	99-100 (%)	100.00000 %
Chloride (Cl-)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-10 (ppm)	0.00000 ppm
Potassium(K)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-1 (ppm)	0.00000 ppm
UV Absorbance 260nm	0-0.015	0.00450
Water by Karl Fischer	0-1 (%)	0.35650 %
Manganese(Mn)	0-1 (ppm)	0.00000 ppm
(Pb)Lead	0-1 (ppm)	0.00000 ppm
pH	6.2-7.5	7.02700
Calcium(Ca)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-1 (ppm)	0.00000 ppm

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Parameter	Limit Values	Result
(As)Arsenic	0-0.1 (ppm)	0.00000 ppm
Ignition Residue (as sulfate)	0-0.01 (%)	0.00000 %
Cadmium(Cd)	0-1 (ppm)	0.00000 ppm
Barium(Ba)	0-1 (ppm)	0.00000 ppm
Appearance (A112060)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insoluble matter	pass	Pass
Solubility in H ₂ O , soluble , 1M , 20°C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ,1 M in H ₂ O	Pass	Pass

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager