

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-24 20:00:44  
 Date of Next Testing: 2026-03-23 20:00:44  
 Product Name: **Ammonium acetate**  
 CAS Number: 631-61-8  
 Specifications & Purity: UltraPureChrom™, for LC-MS, ≥99%  
 Lot #: C2219213  
 SKU #: **A112060**  
 Version: **1**  
 Analysis #: **085206**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Copper(Cu)	0-1 (ppm)	0.00 ppm
Lithium(Li)	0-1 (ppm)	0.00 ppm
Iron(Fe)	0-1 (ppm)	0.00 ppm
Molybdenum(Mo)	0-1 (ppm)	0.00 ppm
Bismuth(Bi)	0-1 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
Magnesium(Mg)	0-1 (ppm)	0.00 ppm
cation traces Al	0-1 (ppm)	0.00 ppm
Chromium(Cr)	0-1 (ppm)	0.00 ppm
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Sodium(Na)	0-5 (ppm)	3.24 ppm
(NO3)Nitrate	0-10 (ppm)	6.50 ppm
UV Absorbance 280nm	0-0.01	0.01
Purity	99-100 (%)	99.56 %
Chloride (Cl-)	0-5 (ppm)	0.48 ppm
Sulfate(SO42-)	0-10 (ppm)	7.83 ppm
Potassium(K)	0-5 (ppm)	0.00 ppm
Strontium(Sr)	0-1 (ppm)	0.00 ppm
UV Absorbance 260nm	0-0.015	0.01
Water by Karl Fischer	0-1 (%)	0.00 %
Manganese(Mn)	0-1 (ppm)	0.00 ppm
(Pb)Lead	0-1 (ppm)	0.00 ppm
PH	6.2-7.5	7.20
Calcium(Ca)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-1 (ppm)	0.00 ppm

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Parameter	Limit Values	Result
(As)Arsenic	0-0.1 (ppm)	0.00 ppm
Barium(Ba)	0-1 (ppb)	0.00 ppb
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Cadmium(Cd)	0-1 (ppm)	0.00 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 <sub>2</sub> O , soluble , 1M , 20°C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ,1 M in H <sub>2</sub> O	Pass	Pass



John Su  
QA & QC Manager