

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-24 09:41:20
 Date of Next Testing: 2027-10-23 09:41:20
 Product Name: **Ammonium acetate**
 CAS Number: 631-61-8
 Specifications & Purity: for mass spectroscopy, eluent additive for LC-MS, ≥99.0%
 Lot #: J2314405
 SKU #: **A112060**
Analysis: **289322**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Copper(Cu)	0-1 (ppm)	0.02 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)	0.01 ppm
Chromium(Cr)	0-1 (ppm)	0.00 ppm
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Sodium(Na)	0-5 (ppm)	0.00 ppm
(NO3)Nitrate	0-10 (ppm)	8.00 ppm
UV Absorbance 280nm	0-0.01	0.01
Purity	99-100 (%)	99.17%
Chloride (Cl-)	0-5 (ppm)	1.02 ppm
Sulfate(SO42-)	0-10 (ppm)	10.00 ppm
Potassium(K)	0-5 (ppm)	2.30 ppm
Strontium(Sr)	0-1 (ppm)	0.00 ppm
UV Absorbance 260nm	0-0.015	0.00
Water by Karl Fischer	0-1 (%)	0.04%
Manganese(Mn)	0-1 (ppm)	0.00 ppm
(Pb)Lead	0-1 (ppm)	0.00 ppm
PH	6.2-7.5	6.82
Calcium(Ca)	0-5 (ppm)	3.50 ppm
Zinc(Zn)	0-1 (ppm)	0.50 ppm
(As)Arsenic	0-0.1 (ppm)	0.00 ppm

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Parameter	Limit Values	Result
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 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



John Su
QA & QC Manager