

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-12 09:03:14
 Date of Next Testing: 2029-09-11 09:03:14
 Product Name: **Ammonium acetate solution**
 CAS Number: 631-61-8
 Specifications & Purity: Suitable for molecular biology, 5 M in H2O
 Lot #: H2528125
 SKU #: **A294964**
 Version: **2**
 Analysis #: **575913**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Concentration(Titration by NaOH)	4.90 - 5.10 (mol/L)	5.00 mol/L
Sulfated Ash	≤ 0.01 (%)	0.00000 %
Aluminium(Al)	≤ 1 (ppm)	0.00000 ppm
Barium(Ba)	≤ 1 (ppm)	0.00 ppm
Bismuth(Bi)	0-1 (ppm)	0.00 ppm
Calcium(Ca)	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-1 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
Chromium (ICP)	0-1 (ppm)	0.00 ppm
Copper(ICP)	0-1 (ppm)	0.00 ppm
Iron(Fe)	0-1 (ppm)	0.00 ppm
Potassium(K)	0-20 (ppm)	0.00 ppm
Lithium(Li)	0-1 (ppm)	0.00 ppm
Magnesium(Mg)	0-1 (ppm)	0.00 ppm
Manganese(Mn)	0-1 (ppm)	0.00 ppm
Molybdenum(Mo)	0-1 (ppm)	0.00 ppm
Sodium(Na)	0-20 (ppm)	0.00 ppm
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Lead(Pb)	0-1 (ppm)	0.00 ppm
Strontium(Sr)	0-1 (ppm)	0.00 ppm
Zinc(Zn)	0-1 (ppm)	0.00 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.00 ppm
Total sulfur as SO4 (ICP)	0-10 (ppm)	0.00 ppm
Chloride	0-5 (ppm)	0.00 ppm
(NO3)Nitrate	0-10 (ppm)	0.00 ppm

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Parameter	Limit Values	Result
PH(1 M in water)	6.2 - 7.5	6.90
UV Absorbance 260nm(1M)	0-0.015	0.01000
UV Absorbance 280nm(1M)	0-0.01	0.01000
Appearance(A294964)	Colorless Liquid	Colorless Liquid
Solvent(H2O)	Conform	Conform

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

John Su
QA & QC Manager