

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-23 10:55:21

Date of Next Testing: 2027-07-13 10:55:21

Product Name: **Ammonium sulfate**

CAS Number: 7783-20-2

Specifications & Purity: Suitable for molecular biology, ≥99%

Lot #: G2514086

SKU #: **A112103**

Version: **1**

Analysis #: **534162**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 280nm (1 M solution)	0-0.025	0.01800
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Chloride (Cl-)	0-5 (ppm)	0.00000 ppm
UV Absorbance 260nm(1 M solution)	0-0.03	0.02200
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-2 (ppm)	0.00000 ppm
Purity(Neutralization titration)	99-101 (%)	100.79000 %
Appearance (A112103)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in H2O , CLEAR ,2G/3ML WATER	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
DNase, RNase and Protease	None Detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager