

Certificate of Analysis

Date of Testing: 2025-04-02 14:35:51

Date of Next Testing: 2027-03-23 14:35:51

Product Name: **Ammonium sulfate**

CAS Number: 7783-20-2

Specifications & Purity: for molecular biology, ≥99%

Lot #: C2524178

SKU #: **A112103**

Version **1**

Analysis #: **471193**

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Purity(Neutralization titration)	99-101 (%)	100.65 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Copper(Cu)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
UV Absorbance 280nm (1 M solution)	0-0.025	0.02
Chloride (Cl ⁻)	0-5 (ppm)	0.00 ppm
UV Absorbance 260nm(1 M solution)	0-0.03	0.03
Heavy metal (as Pb)	0-2 (ppm)	0.00 ppm
Appearance (A112103)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in H ₂ O , CLEAR ,2G/3ML WATER	pass	Pass
DNase, RNase and Protease	None Detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager