

Certificate of Analysis

Date of Testing: 2024-11-09 16:05:44
Date of Next Testing: 2026-10-30 16:05:44
Product Name: **Ammonium sulfate**
CAS Number: 7783-20-2
Specifications & Purity: for molecular biology, $\geq 99\%$
Lot #: J2430220
SKU #: **A112103**
Version: **1**
Analysis #: **422258**

Parameter	Limit Values	Result
UV Absorbance 280nm (1 M solution)	0-0.025	0.00
Iron(Fe)	0-5 (ppm)	0.00 ppm
Purity(Neutralization titration)	99-101 (%)	100.70 %
UV Absorbance 260nm(1 M solution)	0-0.03	0.01
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
Heavy metal (as Pb)	0-2 (ppm)	0.00 ppm
Chloride (Cl ⁻)	0-5 (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



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

John Su
QA & QC Manager