

Certificate of Analysis

Date of Testing:	2022-01-24 17:20:43
Date of Next Testing:	2026-01-23 17:20:43
Product Name:	Iron sulfate heptahydrate
CAS Number:	7782-63-0
Specifications & Purity:	ACS, ≥99.0%
Lot #:	A2220433
SKU #	F116340
Analysis:	059261
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.02 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Chloride Content	0-0.001 (%)	0.00 %
Copper(Cu)	0-0.005 (%)	0.00 %
Manganese(Mn)	0-0.05 (%)	0.03 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.002 (%)	0.00 %
Purity(Titration by KMNO4)	99-100 (%)	99.47 %
Iron(Fe)	0-0.1 (%)	0.10 %
Appearance (F116340)	Pale Blue or Blue-Green or Green Powder or Crystal	Pale Blue or Blue-Green or Green Powder or Crystal
ICP:Confirms Fe and S Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager