

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-14 15:14:34
Date of Next Testing: 2027-11-13 15:14:34
Product Name: **Iron sulfate heptahydrate**
CAS Number: 7782-63-0
Specifications & Purity: Analytical Reagent, ≥99.0%
Lot #: K2310393
SKU #: **F116338**
Analysis: **295697**

Parameter	Limit Values	Result
Phosphate(PO ₄)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.002 (%)	0.00 %
Substances not precipitated by ammonia	0-0.05 (%)	0.00 %
Loss on drying	43-47 (%)	46.00 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Ferric(Fe ³⁺)	0-0.02 (%)	0.00 %
(As)Arsenic	0-0.002 (%)	0.00 %
Assay	99-101 (%)	99.84 %
Manganese(Mn)	0-0.05 (%)	0.00 %
Appearance (F116338)	blue to green powder or crystals	blue to green powder or crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager