

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-12 10:46:43
 Date of Next Testing: 2026-11-11 10:46:43
 Product Name: **Iron sulfate heptahydrate**
 CAS Number: 7782-63-0
 Specifications & Purity: Analytical Reagent, ≥99.0%
 Lot #: K2209538
 SKU #: **F116338**
Analysis: 154396

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 (%)	0.02 %
Loss on drying	43-47 (%)	45.01 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Ferric(Fe ³⁺)	0-0.02 (%)	0.01 %
(As)Arsenic	0-0.002 (%)	0.00 %
Assay	99-101 (%)	99.25 %
Manganese(Mn)	0-0.05 (%)	0.04 %
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