

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-27 16:54:28
 Date of Next Testing: 2026-04-26 16:54:28
 Product Name: **Iron sulfate heptahydrate**
 CAS Number: 7782-63-0
 Specifications & Purity: Analytical Reagent, ≥99.0%
 Lot #: D2225105
 SKU #: **F116338**
 Analysis: **088329**

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 (%)	0.03 %
Loss on drying	43-47 (%)	44.50 %
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	0-20 (%)	9.80 %
Assay	99-101 (%)	99.36 %
Manganese(Mn)	0-0.05 (%)	0.03 %
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