


ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-18 16:50:38
Date of Next Testing: 2026-08-17 16:50:38
Product Name: **Iron sulfate heptahydrate**
CAS Number: 7782-63-0
Specifications & Purity: Analytical Reagent, ≥99.0%
Lot #: H2212167
SKU #: **F116338**
Analysis: **095384**

| 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 (%) | 44.51 % |
| 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 (%) | 99.51 % |
| 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