

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-30 14:05:40  
Date of Next Testing: 2027-05-29 14:05:40  
Product Name: **Iron sulfate heptahydrate**  
CAS Number: 7782-63-0  
Specifications & Purity: Analytical Reagent, ≥99.0%  
Lot #: E2324410  
SKU #: **F116338**  
Analysis: **229687**

Parameter	Limit Values	Result
Phosphate(PO <sub>4</sub> )	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 (%)	45.50 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.002 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Ferric(Fe <sup>3+</sup> )	0-0.02 (%)	0.01 %
(As)Arsenic	0-0.002 (%)	0.00 %
Assay	99-101 (%)	99.56 %
Manganese(Mn)	0-0.05 (%)	0.02 %
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