

Certificate of Analysis

Date of Testing: 2024-05-22 16:43:00
Date of Next Testing: 2028-05-21 16:43:00
Product Name: **Iron sulfate heptahydrate**
CAS Number: 7782-63-0
Specifications & Purity: Analytical Reagent, ≥99.0%
Lot #: E2417192
SKU #: **F116338**
Version: **0**
Analysis #: **360994**

Parameter	Limit Values	Result
Phosphate(PO4)	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 (%)	43.20 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Ferric(Fe3+)	0-0.02 (%)	0.00 %
(As)Arsenic	0-0.002 (%)	0.00 %
Assay	99-101 (%)	99.20 %
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