

## Certificate of Analysis

Date of Testing: 2022-11-01 16:48:16

Date of Next Testing: 2026-10-31 16:48:16

Product Name: **Iron sulfate heptahydrate**

CAS Number: 7782-63-0


Specifications & Purity: Analytical Reagent, ≥99.0%

Lot #: J2229245

SKU #: **F116338**

**Analysis: 150655**

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 (%)	45.86 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Ferric(Fe3+)	0-0.02 (%)	0.01 %
(As)Arsenic	0-0.002 (%)	0.00 %
Assay	99-101 (%)	99.68 %
Manganese(Mn)	0-0.05 (%)	0.00 %
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