

## Certificate of Analysis

Date of Testing: 2024-12-20 13:07:39

Date of Next Testing: 2028-12-19 13:07:39

Product Name: **Iron sulfate heptahydrate**

CAS Number: 7782-63-0

Specifications & Purity: AR, ≥99%

Lot #: L2419385

SKU #: **F116338**

Version: **1**

Analysis #: **429457**

| 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 (%)                       | 0.00 %                           |
| 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 (%)                       | 99.85 %                          |
| Manganese(Mn)                          | 0-0.05 (%)                       | 0.01 %                           |
| Appearance (F116338)                   | blue to green powder or crystals | blue to green powder or crystals |
| X-Ray Diffraction(After drying)        | Conforms to structure            | Conforms to Structure            |



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