

Product Specification

Ferric Nitrate, Nonahydrate, ACS Reagent Grade

Lot Number: SAMPLE

Product Number: RDCF0250

Date Packaged: N/A

Expiration Date: N/A

Chemical formula: $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
Formula weight: 404.00**Contains** $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ CAS No. 7782-61-8 MW 404.00

| Test | Specification | Result |
|---------------------------|---------------|--------|
| Assay | 98.0-101.0 % | N/A |
| Calcium (Ca) | max 0.01 % | N/A |
| Chloride (Cl) | max 5 ppm | N/A |
| Insoluble Matter | max 0.005 % | N/A |
| Magnesium (Mg) | max 0.005 % | N/A |
| Potassium (K) | max 0.005 % | N/A |
| Sodium (Na) | max 0.05 % | N/A |
| Sulfate (SO_4) | max 0.01 % | N/A |

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|----------------|---------------------|---------------------------------|
| RDCF0250-500B1 | 500 g poly | 84 months |

Recommended Storage: 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."