

## Certificate of Analysis

Date of Testing: 2022-11-09 16:38:54

Date of Next Testing: 2026-11-08 16:38:54

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: 99.99% metals basis

Lot #: K2204484

SKU #: **F100211**

**Analysis:** **146586**

Storage Temperature: Argon charged

| Parameter                                       | Limit Values                               | Result                                     |
|-------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Water by Karl Fischer                           | 35-45 (%)                                  | 38.10 %                                    |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                              | 100.00 %                                   |
| Total Metallic Impuritie                        | 0-200 (ppm)                                | 22.00 ppm                                  |
| Iron(Fe)                                        | 13.4-14.2 (%)                              | 13.41 %                                    |
| Appearance (F100211)                            | Grey to Purple Powder or Crystal or Chunks | Grey to Purple Powder or Crystal or Chunks |
| ICP: Confirms Iron Component                    | Confirmed                                  | Confirmed                                  |
| X-Ray Diffraction                               | Conforms to Structure                      | Conforms to Structure                      |



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