

## Certificate of Analysis

Date of Testing: 2024-07-05 09:22:24

Date of Next Testing: 2028-07-04 09:22:24

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: 99.99% metals basis

Lot #: F2427383

SKU #: **F100211**

Version: **1**

Analysis #: **369529**

Storage Temperature: Argon charged

| Parameter                                       | Limit Values                               | Result                                     |
|-------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Water by Karl Fischer                           | 35-45 (%)                                  | 38.75 %                                    |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                              | 100.00 %                                   |
| Total Metallic Impuritie                        | 0-200 (ppm)                                | 41.00 ppm                                  |
| Iron(Fe)                                        | 13.4-14.2 (%)                              | 13.67 %                                    |
| ICP: Confirms Iron Component                    | Confirmed                                  | Confirmed                                  |
| Appearance (F100211)                            | Grey to Purple Powder or Crystal or Chunks | Grey to Purple Powder or Crystal or Chunks |
| X-Ray Diffraction                               | Conforms to Structure                      | Conforms to Structure                      |



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