

## Certificate of Analysis

Date of Testing: 2023-09-02 13:49:03

Date of Next Testing: 2027-09-01 13:49:03

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: 99.99% metals basis

Lot #: H2323341

SKU #: **F100211**

**Analysis:** **207309**

Storage Temperature: Argon charged

| Parameter                                       | Limit Values                               | Result                                     |
|-------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Water by Karl Fischer                           | 35-45 (%)                                  | 38.71 %                                    |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                              | 99.99 %                                    |
| Total Metallic Impuritie                        | 0-200 (ppm)                                | 69.00 ppm                                  |
| Iron(Fe)                                        | 13.4-14.2 (%)                              | 13.83 %                                    |
| ICP: Confirms Iron Component                    | Confirmed                                  | Confirmed                                  |
| X-Ray Diffraction                               | Conforms to Structure                      | Conforms to Structure                      |
| Appearance (F100211)                            | Grey to Purple Powder or Crystal or Chunks | Grey to Purple Powder or Crystal or Chunks |



John Su  
QA & QC Manager