

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-28 15:03:18
 Date of Next Testing: 2029-07-27 15:03:18
 Product Name: **Iron nitrate nonahydrate**
 CAS Number: 7782-61-8
 Specifications & Purity: AR
 Lot #: G2523609
 SKU #: **F100208**
 Version: **0**
 Analysis #: **547783**
 Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Chloride (Cl-) | 0-5 (ppm) | 0.26000 ppm |
| Free acid(HNO3) | 0-0.3 (%) | 0.15000 % |
| Copper(Cu) | 0-50 (ppm) | 17.00000 ppm |
| Zinc(Zn) | 0-10 (ppm) | 3.00000 ppm |
| Lead(Pb) | 0-10 (ppm) | 5.00000 ppm |
| Purity Titration by EDTA | 98-102 (%) | 99.99840 % |
| Calcium(Ca) | 0-50 (ppm) | 28.00000 ppm |
| Manganese(Mn) | 0-0.02 (%) | 0.01000 % |
| Sodium(Na) | 0-50 (ppm) | 21.00000 ppm |
| Sulfate(SO42-) | 0-50 (ppm) | 18.00000 ppm |
| (As)Arsenic | 0-0.5 (ppm) | 0.02000 ppm |
| Potassium(K) | 0-50 (ppm) | 20.00000 ppm |
| Appearance (F100208) | purple powder or crystals | purple powder or crystals |
| Solubility in H2O , clear yellow to orange solution at100 mg/ml water | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager