

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-20 09:04:22  
 Date of Next Testing: 2030-01-19 09:04:22  
 Product Name: **Ammonium iron(II) sulfate hexahydrate**  
 CAS Number: 7783-85-9  
 Specifications & Purity: ACS  
 Lot #: A2614080  
 SKU #: **A112649**  
 Version: **1**  
 Analysis #: **476192**  
 Storage Temperature: Argon charged

| Parameter                  | Limit Values                                       | Result                                             |
|----------------------------|----------------------------------------------------|----------------------------------------------------|
| Zinc(Zn)                   | 0-0.003 (%)                                        | 0.00 %                                             |
| Insoluble matter in H2O    | 0-0.01 (%)                                         | 0.00 %                                             |
| Copper(Cu)                 | 0-0.003 (%)                                        | 0.00 %                                             |
| Calcium(Ca)                | 0-0.005 (%)                                        | 0.00 %                                             |
| Sodium(Na)                 | 0-0.02 (%)                                         | 0.00 %                                             |
| Phosphate(PO4)             | 0-0.003 (%)                                        | 0.00 %                                             |
| Magnesium(Mg)              | 0-0.002 (%)                                        | 0.00 %                                             |
| Potassium(K)               | 0-0.002 (%)                                        | 0.00 %                                             |
| Purity(Titration by KMNO4) | 98.5-101.5 (%)                                     | 101.08 %                                           |
| Manganese(Mn)              | 0-0.01 (%)                                         | 0.01 %                                             |
| Ferric(Fe3+)               | 0-0.01 (%)                                         | 0.01 %                                             |
| Appearance (A112649)       | light green to blue crystals or crystalline powder | light green to blue crystals or crystalline powder |
| X-Ray Diffraction          | Conforms to Structure                              | Conforms to Structure                              |



QualityAssurance@aladdinsci.com

---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager