

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-10 15:32:39

Date of Next Testing: 2029-06-09 15:32:39

Product Name: **Ammonium iron(III) sulfate hexahydrate**

CAS Number: 7783-85-9

Specifications & Purity: AR, ≥99.5%

Lot #: F2504334

SKU #: **A112646**

Version: **0**

Analysis #: **527062**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                 | Limit Values          | Result                |
|-----------------------------------------------------------|-----------------------|-----------------------|
| Manganese(Mn)                                             | 0-0.05 (%)            | 0.00300 %             |
| Phosphate(PO <sub>4</sub> )                               | 0-0.005 (%)           | 0.00000 %             |
| Lead(Pb)                                                  | 0-0.002 (%)           | 0.00000 %             |
| Copper(Cu)                                                | 0-0.002 (%)           | 0.00000 %             |
| Ferric(Fe <sup>3+</sup> )                                 | 0-0.01 (%)            | 0.00500 %             |
| Insoluble matter in H <sub>2</sub> O                      | 0-0.005 (%)           | 0.00000 %             |
| Substances not precipitated by ammonia(With sulfate plan) | 0-0.1 (%)             | 0.00450 %             |
| Assay                                                     | 99.5-100 (%)          | 99.99120 %            |
| Zinc(Zn)                                                  | 0-0.005 (%)           | 0.00000 %             |
| X-Ray Diffraction                                         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager