

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-12 16:38:46  
Date of Next Testing: 2027-04-12 16:38:46  
Product Name: **Iron(III) chloride hexahydrate**  
CAS Number: 10025-77-1  
Specifications & Purity: puriss. p.a., reag. Ph. Eur., ≥99%  
Lot #: D2411108  
SKU #: **I431122**  
Analysis: **346529**

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Assay               | 99-100 (%)            | 99.98 %               |
| Acidity(HCl)        | 0-0.2 (%)             | 0.10 %                |
| Free Chlorine       | 0-0.001 (%)           | 0.00010 %             |
| Arsenic(As)         | 0-0.0005 (%)          | 0.00000 %             |
| Copper(Cu)          | 0-0.002 (%)           | 0.00 %                |
| Lead(Pb)            | 0-0.002 (%)           | 0.00 %                |
| Zinc(Zn)            | 0-0.002 (%)           | 0.00 %                |
| Total Nitrogen      | 0-0.001 (%)           | 0.00 %                |
| Phosphate(PO4)      | 0-0.01 (%)            | 0.00200 %             |
| Sulfate(SO42-)      | 0-0.005 (%)           | 0.00 %                |
| Ferrous Ion (Fe 2+) | 0-0.005 (%)           | 0.00200 %             |
| X-Ray Diffraction   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager