

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-16 15:48:52

Date of Next Testing: 2026-01-15 15:48:52

Product Name: **Iron(III) chloride**

CAS Number: 7705-08-0

Specifications & Purity: Analytical Reagent

Lot #: A2405450

SKU #: **I112065****Analysis: 315004**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| (As)Arsenic | 0-10 (ppm) | 6.20 ppm |
| Manganese(Mn) | 0-3000 (ppm) | 1500.00 ppm |
| (Pb)Lead | 0-200 (ppm) | 150.00 ppm |
| Zinc(Zn) | 0-1000 (ppm) | 560.00 ppm |
| Insoluble matter | 0-1 (%) | 0.00 % |
| Fe(Titration by Na ₂ S ₂ O ₃) | 33.1-35.6 (%) | 33.99 % |
| Copper(Cu) | 0-0.1 (%) | 0.00 % |
| Appearance (I112065) | Red to Green to Grey to Black Powder or Crystal | Red to Green to Grey to Black Powder or Crystal |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager