

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-23 15:13:16
Date of Next Testing: 2027-11-22 15:13:16
Product Name: **Iron chloride hexahydrate**
CAS Number: 10025-77-1
Specifications & Purity: ACS
Lot #: K2316048
SKU #: **F102742**
Analysis: 104492
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

| Parameter | Limit Values | Result |
|---|--|--|
| Zinc(Zn) | 0-0.003 (%) | 0.00 % |
| Phosphorus compounds(PO4) | 0-0.01 (%) | 0.01 % |
| Sodium(Na) | 0-0.05 (%) | 0.00 % |
| Potassium(K) | 0-0.005 (%) | 0.00 % |
| Insoluble matter in H2O | 0-0.01 (%) | 0.01 % |
| Copper(Cu) | 0-0.003 (%) | 0.00 % |
| Calcium(Ca) | 0-0.01 (%) | 0.00 % |
| Ferrous(Fe ²⁺) | 0-0.002 (%) | 0.00 % |
| Purity(Titration by Na ₂ S ₂ O ₃) | 97-102 (%) | 99.23 % |
| (NO ₃)Nitrate | 0-0.01 (%) | 0.01 % |
| Magnesium(Mg) | 0-0.005 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | ≤0.01 (%) | 0.00 % |
| Appearance (F102742) | Yellow to Yellow-Orange/Brown Chunk(s) | Yellow to Yellow-Orange/Brown Chunk(s) |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager