

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|---|
| Date of Testing: | 2022-05-23 10:45:42 |
| Date of Next Testing: | 2026-05-22 10:45:42 |
| Product Name: | Iron chloride hexahydrate |
| CAS Number: | 10025-77-1 |
| Specifications & Purity: | Analytical Reagent,99% |
| Lot #: | C2226177 |
| SKU # | F102739 |
| Analysis: | 082743 |
| Storage Temperature: | Store at 2-8°C,Argon charged,Desiccated |

| Parameter | Limit Values | Result |
|---|---|---|
| free acid (as HCl) | 0-0.1 (%) | 0.05 % |
| Insoluble matter in H ₂ O | 0-0.01 (%) | 0.01 % |
| Iron(Fe) | 0-0.002 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.002 (%) | 0.00 % |
| Sodium(Na) | 0-0.02 (%) | 0.01 % |
| Copper(Cu) | 0-0.005 (%) | 0.00 % |
| Phosphorus (P) | 0-0.01 (%) | 0.01 % |
| (NO ₃)Nitrate | 0-0.01 (%) | 0.01 % |
| Calcium(Ca) | 0-0.005 (%) | 0.00 % |
| Purity | 99-100 (%) | 99.96 % |
| Sulfate(SO ₄ ²⁻) | 0-0.01 (%) | 0.01 % |
| Zinc(Zn) | 0-0.003 (%) | 0.00 % |
| Potassium(K) | 0-0.002 (%) | 0.00 % |
| (As)Arsenic | 0-0.002 (%) | 0.00 % |
| Manganese(Mn) | 0-0.02 (%) | 0.00 % |
| Appearance (F102739) | Yellow to Yellow-Orange,brown powder,crystal,chunk or Reddish-brown liquid | Yellow to Yellow-Orange,brown powder,crystal,chunk or Reddish-brown liquid |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager