

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-24 13:28:36  
Date of Next Testing: 2027-04-23 13:28:36  
Product Name: **Iron chloride hexahydrate**  
CAS Number: 10025-77-1  
Specifications & Purity: 98%  
Lot #: D23181038  
SKU #: **F419646**  
**Analysis:** **208572**  
Storage Temperature: Argon charged,Desiccated

| Parameter  | Limit Values  | Result   |
|--|---|--|
| Assay(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 98-102.5 (%)  | 99.44 %  |
| Appearance(F419646)  | Faint Yellow to Very Dark Yellow and Yellow-Brown Lumps | Faint Yellow to Very Dark Yellow ,Yellow-Brown and Yellow-Orange chunk |
| ICP: Confirms Iron Component                                       | Confirmed   | Confirmed  |
| Solubility(c=10g/50ml; H <sub>2</sub> O:HCL (49:1))                | Clear to Hazy   | Clear to Hazy  |
| X-Ray Diffraction  | Conforms to Structure                                   | Conforms to Structure  |



John Su  
QA & QC Manager