

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2024-05-11 15:30:42                     |
| Date of Next Testing:    | 2028-05-10 15:30:42                     |
| Product Name:            | <b>Iron chloride hexahydrate</b>        |
| CAS Number:              | 10025-77-1                              |
| Specifications & Purity: | Analytical Reagent,99%                  |
| Lot #:                   | E2406099                                |
| SKU #                    | <b>F102739</b>                          |
| Version                  | <b>3</b>                                |
| <b>Analysis #:</b>       | <b>316803</b>                           |
| Storage Temperature:     | Store at 2-8°C,Argon charged,Desiccated |

| Parameter                               | Limit Values   | Result   |
|---|--|--|
| free acid (as HCl)                      | 0-0.1 (%)  | 0.02 %   |
| Insoluble matter in H <sub>2</sub> O    | 0-0.01 (%)   | 0.00 %   |
| Magnesium(Mg)                           | 0-0.002 (%)  | 0.00 %   |
| Copper(Cu)                              | 0-0.005 (%)  | 0.00 %   |
| (NO <sub>3</sub> )Nitrate               | 0-0.01 (%)   | 0.00 %   |
| Calcium(Ca)                             | 0-0.005 (%)  | 0.00 %   |
| Purity                                  | 99-100 (%)   | 99.89 %  |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.01 (%)   | 0.00 %   |
| Zinc(Zn)                                | 0-0.003 (%)  | 0.00 %   |
| (As)Arsenic                             | 0-0.002 (%)  | 0.00 %   |
| (PO <sub>4</sub> )Phosphate             | 0-0.1 (%)  | 0.00 %   |
| Ferrous(Fe <sup>2+</sup> )              | 0-0.002 (%)  | 0.00 %   |
| Potassium(K)                            | 0-0.002 (%)  | 0.00 %   |
| Sodium(Na)                              | 0-0.02 (%)   | 0.02 %   |
| Manganese(Mn)                           | 0-0.02 (%)   | 0.01 %   |
| 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