

## Certificate of Analysis

Date of Testing: 2022-08-17 15:11:17  
 Date of Next Testing: 2026-08-16 15:11:17  
 Product Name: **Iron chloride hexahydrate**  
 CAS Number: 10025-77-1  
 Specifications & Purity: ACS  
 Lot #: H2212002  
 SKU #: **F102742**  
**Analysis: 115890**  
 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 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Copper(Cu)	0-0.003 (%)	0.00 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Ferrous(Fe2+)	0-0.002 (%)	0.00 %
Purity(Titration by Na2S2O3)	97-102 (%)	100.73 %
(NO3)Nitrate	0-0.01 (%)	0.01 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Sulfate(SO42-)	≤0.01 (%)	0.01 %
Potassium(K)	0-0.005 (%)	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