

Certificate of Analysis

Date of Testing:	2024-05-16 10:31:16
Date of Next Testing:	2028-05-15 10:31:16
Product Name:	Iron chloride hexahydrate
CAS Number:	10025-77-1
Specifications & Purity:	Analytical Reagent,99%
Lot #:	E2406100
SKU #	F102739
Version	3
Analysis #:	316803
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 ₂ O	0-0.01 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Copper(Cu)	0-0.005 (%)	0.00 %
(NO ₃)Nitrate	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Purity	99-100 (%)	99.89 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Zinc(Zn)	0-0.003 (%)	0.00 %
(As)Arsenic	0-0.002 (%)	0.00 %
(PO ₄)Phosphate	0-0.1 (%)	0.00 %
Ferrous(Fe ²⁺)	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



ALADDIN SCIENTIFIC CORPORATION

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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