

Certificate of Analysis

Date of Testing: 2025-01-10 10:45:55

Date of Next Testing: 2029-01-09 10:45:55

Product Name: **Iron chloride hexahydrate**

CAS Number: 10025-77-1

Specifications & Purity: ACS

Lot #: A2506284

SKU #: **F102742**

Version: **1**

Analysis #: **104492**

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 %
Potassium(K)	0-0.005 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.01 %
Copper(Cu)	0-0.003 (%)	0.00 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Ferrous(Fe ²⁺)	0-0.002 (%)	0.00 %
Purity(Titration by Na ₂ S ₂ O ₃)	97-102 (%)	99.23 %
(NO ₃)Nitrate	0-0.01 (%)	0.01 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	≤0.01 (%)	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



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager