

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-10 10:35:29
Date of Next Testing: 2026-11-09 10:35:29
Product Name: **Iron chloride hexahydrate**
CAS Number: 10025-77-1
Specifications & Purity: ACS
Lot #: K2202564
SKU #: **F102742**
Analysis: 141535
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 (%)	0.03 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
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 (%)	99.03 %
(NO ₃)Nitrate	0-0.01 (%)	0.01 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.01 %
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



John Su
QA & QC Manager