

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-05-30 15:13:32
Date of Next Testing:	2028-05-29 15:13:32
Product Name:	<b>Iron chloride hexahydrate</b>
CAS Number:	10025-77-1
Specifications & Purity:	AR, ≥99%
Lot #:	E2423491
SKU #	<b>F102739</b>
Version	<b>3</b>
Analysis #:	<b>358277</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 %
Sodium(Na)	0-0.02 (%)	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 (%)	99.97 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.00 %
Zinc(Zn)	0-0.003 (%)	0.00 %
Potassium(K)	0-0.002 (%)	0.00 %
(As)Arsenic	0-0.002 (%)	0.00 %
Manganese(Mn)	0-0.02 (%)	0.00 %
(PO <sub>4</sub> )Phosphate	0-0.1 (%)	0.00 %
Ferrous(Fe <sup>2+</sup> )	0-0.002 (%)	0.00 %
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".

John Su  
QA & QC Manager