

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-18 11:12:24  
Date of Next Testing: 2027-02-17 11:12:24  
Product Name: **Iron chloride hexahydrate**  
CAS Number: 10025-77-1  
Specifications & Purity: 98%  
Lot #: B2313516  
SKU #: **F419646**  
**Analysis:** **183523**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Assay(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	98-102.5 (%)	102.49 %
Appearance(F419646)	Faint Yellow to Very Dark Yellow ,Yellow-Brown and Yellow-Orange chunk	Faint Yellow to Very Dark Yellow ,Yellow-Brown and Yellow-Orange chunk
ICP: Confirms Iron Component	Confirmed	Confirmed
Solubility(c=10g/50ml; H <sub>2</sub> O:HCL (49:1))	Clear to Hazy	Clear to Hazy
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager