

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-11 11:39:24

Date of Next Testing: 2029-10-10 11:39:24

Product Name: **Iron chloride hexahydrate**

CAS Number: 10025-77-1

Specifications & Purity: $\geq 98\%$

Lot #: I2518068

SKU # **F419646**

Version **2**

Analysis #: **312570**

Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Assay(Titration by Na ₂ S ₂ O ₃)	98-102.5 (%)	99.61000 %
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 ₂ O:HCL (49:1))	Clear to Hazy	Clear to Hazy
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager