

Certificate of Analysis

Date of Testing: 2024-11-30 17:12:33

Date of Next Testing: 2028-11-29 17:12:33

Product Name: **Iron chloride hexahydrate**

CAS Number: 10025-77-1

Specifications & Purity: $\geq 98\%$

Lot #: K2426190

SKU #: **F419646**

Version: **2**

Analysis #: **352306**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Assay(Titration by Na ₂ S ₂ O ₃)	98-102.5 (%)	99.19 %
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