

## Certificate of Analysis

Date of Testing: 2023-09-04 11:50:45  
Date of Next Testing: 2027-09-03 11:50:45  
Product Name: **Iron chloride hexahydrate**  
CAS Number: 10025-77-1  
Specifications & Purity: 98%  
Lot #: H2328464  
SKU #: **F419646**  
**Analysis:** **271474**  
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 (%)	102.44 %
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



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