

Certificate of Analysis

Date of Testing: 2023-10-19 14:02:01
Date of Next Testing: 2025-10-18 14:02:01
Product Name: **Iron chloride**
CAS Number: 7705-08-0
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: J2313107
SKU #: **I112064**
Analysis: **288160**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Fe(Titration by Na ₂ S ₂ O ₃)	33.9-34.9 (%)	34.20%
Water by Karl Fischer	0-1 (%)	0.05%
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95%
Trace Metal Analysis	0-2000 (ppm)	1000.00 ppm
Appearance (I112064)	Dark green or Brown to black powder or crystals	Dark green or Brown to black powder or crystals
ICP: Confirms Iron Component	Confirmed	Confirmed
Solubility in HCL , Brown to Black,Clear,50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager