

Certificate of Analysis

Date of Testing: 2024-09-12 18:50:04

Date of Next Testing: 2026-09-12 18:50:04

Product Name: **Iron chloride**

CAS Number: 7705-08-0

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: I2404526

SKU #: **I112064**

Version: **0**

Analysis #: **375604**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.00 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.94 %
Trace Metal Analysis	0-2000 (ppm)	632.00 ppm
Fe(Titration by Na ₂ S ₂ O ₃)	33.9-34.9 (%)	33.90 %
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