

## Certificate of Analysis

Date of Testing: 2023-06-03 17:22:52  
Date of Next Testing: 2025-06-02 17:22:52  
Product Name: **Iron chloride**  
CAS Number: 7705-08-0  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: E2329841  
SKU #: **I112064**  
**Analysis:** **215658**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.99%
Trace Metal Analysis	0-2000 (ppm)	1303.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.91%
Fe(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	33.9-34.9 (%)	33.92%
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