

## Certificate of Analysis

Date of Testing: 2024-01-16 15:15:20  
Date of Next Testing: 2026-01-15 15:15:20  
Product Name: **Iron chloride**  
CAS Number: 7705-08-0  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: A2405446  
SKU #: **I112064**  
**Analysis:** **308912**  
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 (%)	99.92 %
Trace Metal Analysis	0-2000 (ppm)	795.00 ppm
Fe(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	33.9-34.9 (%)	33.99 %
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