

Certificate of Analysis

Date of Testing: 2022-12-19 21:54:38
Date of Next Testing: 2026-12-18 21:54:38
Product Name: **Cupferron**
CAS Number: 135-20-6
Specifications & Purity: Analytical Reagent,98.0%
Lot #: L22151170
SKU #: **C109670**
Analysis: 170475
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	44.8-48.1 (%)	46.33%
Melting point	148-155 (°C)	149.65000 °C
Lambda max(H ₂ O)	279-284 (nm)	280.12 nm
Absorbance(E1%1cm) (H ₂ O, 279.0 to 284.0 nm)	≥515	550.60
Nitrogen by Elemental Analysis	26.1-28 (%)	27.45%
Appearance (C109670)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness	passe test	passe test
Solubility in H ₂ O , Colorless to Dark Yellow Clear to Slightly Hazy,5%	pass	Pass



John Su
QA & QC Manager