

## Certificate of Analysis

Date of Testing: 2022-07-20 13:10:34  
Date of Next Testing: 2026-07-19 13:10:34  
Product Name: **Cupferron**  
CAS Number: 135-20-6  
Specifications & Purity: Analytical Reagent,98.0%  
Lot #: G2216451  
SKU #: **C109670**  
**Analysis:** **101427**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	44.8-48.1 (%)	46.65 %
Melting point	148-155 (°C)	151.30000 °C
Lambda max(H <sub>2</sub> O)	279-284 (nm)	281.00 nm
Absorbance(E1%1cm) (H <sub>2</sub> O, 279.0 to 284.0 nm)	≥515	573.00
Nitrogen by Elemental Analysis	26.1-28 (%)	27.44 %
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 <sub>2</sub> O , Colorless to Dark Yellow Clear to Slightly Hazy,5%	pass	Pass



John Su  
QA & QC Manager