

Certificate of Analysis

Date of Testing: 2022-04-27 14:20:44

Date of Next Testing: 2026-04-26 14:20:44

Product Name: **Cupferron**

CAS Number: 135-20-6

Specifications & Purity: Analytical Reagent,98.0%

Lot #: F1819036

SKU #: **C109670**

Analysis: **088242**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	44.8-48.1 (%)	46.23%
Melting point	148-155 (°C)	148.00000 °C
Lambda max(H2O)	279-284 (nm)	280.00 nm
Absorbance(E1%1cm) (H2O, 279.0 to 284.0 nm)	≥515	515.00
Nitrogen by Elemental Analysis	26.1-28 (%)	27.13%
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 H2O , Colorless to Dark Yellow Clear to Slightly Hazy,5%	pass	Pass



John Su
QA & QC Manager