

Certificate of Analysis

Date of Testing: 2023-09-13 09:43:47
Date of Next Testing: 2027-09-12 09:43:47
Product Name: **Cupferron**
CAS Number: 135-20-6
Specifications & Purity: Analytical Reagent,98.0%
Lot #: I2308757
SKU #: **C109670**
Analysis: **263422**
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)	150.80000 °C
Lambda max(H ₂ O)	279-284 (nm)	280.00 nm
Absorbance(E1%1cm) (H ₂ O, 279.0 to 284.0 nm)	≥515	519.00
Nitrogen by Elemental Analysis	26.1-28 (%)	27.03%
Appearance (C109670)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Sensitiveness	passe test	passe test
Solubility in H ₂ O , Colorless to Dark Yellow Clear to Slightly Hazy,5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager