

Certificate of Analysis

Date of Testing: 2022-07-19 14:30:02
Date of Next Testing: 2026-07-18 14:30:02
Product Name: **Cupferron**
CAS Number: 135-20-6
Specifications & Purity: Analytical Reagent,98.0%
Lot #: G2216452
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 ₂ O) | 279-284 (nm) | 281.00 nm |
| Absorbance(E1%1cm) (H ₂ 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 ₂ O , Colorless to Dark Yellow Clear to Slightly Hazy,5% | pass | Pass |



John Su
QA & QC Manager