

Certificate of Analysis

Date of Testing: 2023-02-08 14:41:47

Date of Next Testing: 2027-02-07 14:41:47

Product Name: **Cupferron**

CAS Number: 135-20-6

Specifications & Purity: Analytical Reagent,98.0%

Lot #: B2303009

SKU #: **C109670**

Analysis: **173032**

Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|---------------------------------|---------------------------------|
| Carbon by Elemental Analysis | 44.8-48.1 (%) | 46.62% |
| Melting point | 148-155 (°C) | 152.60000 °C |
| Lambda max(H2O) | 279-284 (nm) | 282.42 nm |
| Absorbance(E1%1cm) (H2O, 279.0 to 284.0 nm) | ≥515 | 518.50 |
| Nitrogen by Elemental Analysis | 26.1-28 (%) | 27.24% |
| Appearance (C109670) | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| Sensitiveness | passe test | passe test |
| Solubility in H2O , Colorless to Dark Yellow Clear to Slightly Hazy,5% | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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