## **Certificate of Analysis**

## **Neocuproine**

Cat. No.: HY-W004563
CAS No.: 484-11-7
Batch No.: 264897

Chemical Name: 1,10-Phenanthroline, 2,9-dimethyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{14}H_{12}N_2$  Molecular Weight: 208.26

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

N = N

## **ANALYTICAL DATA**

Appearance: Off-white to light yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.82%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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