

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-01 17:27:04

Date of Next Testing: 2027-05-31 17:27:04

Product Name: **Neocuproine**

CAS Number: 484-11-7

Specifications & Purity:  $\geq 98\%$

Lot #: E23291201

SKU #: **N170560**

Version: **0**

Analysis #: **042577**

Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                                                               | Limit Values                                   | Result                                         |
|-------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Purity(HPLC)                                                            | 98-100 (%)                                     | 98.18800 %                                     |
| Water by Karl Fischer                                                   | 0-5 (%)                                        | 1.51500 %                                      |
| Melting point                                                           | 159-164 (°C)                                   | 159.60000 °C                                   |
| Appearance (N170560)                                                    | white to beige to yello-red powder or crystals | white to beige to yello-red powder or crystals |
| Proton NMR spectrum                                                     | Conforms to Structure                          | Conforms to Structure                          |
| Solubility in MeOH , Colorless to Light Yellow to orange,Clear 50 mg/mL | pass                                           | Pass                                           |



John Su  
QA & QC Manager