

## Certificate of Analysis

Date of Testing: 2023-01-10 18:38:46  
Date of Next Testing: 2027-01-09 18:38:46  
Product Name: **Neocuproine hydrochloride monohydrate**  
CAS Number: 303136-82-5  
Specifications & Purity: 99%  
Lot #: A2306814  
SKU #: **N111085**  
**Analysis: 125483**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.81700%
Water by Karl Fischer	6.7-8 (%)	6.69%
Purity(NonaqueousTitration) (calcd.on dried substance)	99-101 (%)	100.86%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency
Appearance(N111085)	White to dark green to faint beige to light yellow powder to crystal	White to dark green to faint beige to light yellow powder to crystal



John Su  
QA & QC Manager