

Certificate of Analysis

Date of Testing: 2025-09-08 14:58:21
Date of Next Testing: 2029-09-07 14:58:21
Product Name: **Neocuproine Hemihydrate**
CAS Number: 34302-69-7
Specifications & Purity: $\geq 98\%$
Lot #: K2124012
SKU #: **N107788**
Version: **0**
Analysis #: **568693**

Parameter	Limit Values	Result
Melting point	161-164 (°C)	162.39800 °C
Purity(HPLC)	98-100 (%)	98.18600 %
Water by Karl Fischer	0-5 (%)	2.71 %
Purity(Nonaqueous Titration)	98-100 (%)	98.50 %
Appearance (N107788)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Light Yellow, Clear 50 mg/mL	pass	Pass



John Su
QA & QC Manager