

## Certificate of Analysis

Date of Testing: 2023-12-06 10:18:39  
Date of Next Testing: 2026-12-05 10:18:39  
Product Name: **Copper PAN**  
CAS Number: 23299-85-6  
Specifications & Purity:  
Lot #: K2330399  
SKU #: **C303141**  
**Analysis:** **298042**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Absorbance(50 %, Ethanol, 466.0 to 472.0 nm)	0.5-0.55	0.51000
Copper(Cu)	11-14 (%)	12.60 %
Appearance(C303141)	Orange to Amber to Dark red powder to crystal	Orange to Amber to Dark red powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager