

Certificate of Analysis

Date of Testing: 2023-11-15 16:10:00
Date of Next Testing: 2026-11-14 16:10:00
Product Name: **Copper**
CAS Number: 7440-50-8(power)
Specifications & Purity: nanopowder, 25 nm particle size (TEM), Wet powder
Lot #: K2306236
SKU #: **C434854**
Analysis: **280988**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle size	20-30 (nm)	22.41 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99%
Total Metallic Impuritie	0-5000 (ppm)	70.00 ppm
ICP: Confirms Copper Component	Conforms	Conforms
Appearance(C434854)	Brown to Very Dark Brown and Black Wet Powder	Brown to Very Dark Brown and Black Wet Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager