

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-21 12:01:52

Date of Next Testing: 2028-11-20 12:01:52

Product Name: **Copper**

CAS Number: 7440-50-8

Specifications & Purity: nanopowder, 25 nm particle size (TEM), Wet powder

Lot #: K2519358

SKU #: **C434854**

Version: **3**

Analysis #: **604966**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Particle size	20-30 (nm)	20.00000 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.98890 %
Total Metallic Impurities	0-5000 (ppm)	111.00000 ppm
Appearance(C434854)	Brown to Very Dark Brown and Black Powder	Brown to Very Dark Brown and Black Wet Powder
ICP: Confirms Copper Component	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager