

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-15 16:44:12
Date of Next Testing: 2029-12-14 16:44:12
Product Name: **Copper**
CAS Number: 7440-50-8
Specifications & Purity: $\geq 99.5\%$ metals basis, 100-500nm
Lot #: L2509292
SKU #: **C491874**
Version: **2**
Analysis #: **604214**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace analysis of ICP	≤ 5000 (ppm)	306.00 ppm
Purity(metals basis)	99.5-100 (%)	99.96940 %
Particle size	100-500 (nm)	148.36 nm
Purity(Complexometric titration)	97.5-102.5 (%)	97.54 %
Appearance(C491874)	Copper-colored to black powder	Copper-colored to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP: Confirms Copper Component	Conforms	Conforms



John Su
QA & QC Manager