

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-25 19:03:57

Date of Next Testing: 2029-04-24 19:03:57

Product Name: **Copper**

CAS Number: 7440-50-8

Specifications & Purity: $\geq 99.9\%$ metals basis, powder, D50(0.2 ~ 1 μ m)

Lot #: D2524018

SKU #: **C103836**

Version: **0**

Analysis #: **393660**

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

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1000 (ppm)	231.00000 ppm
Particle size	0.2-1 (μ m)	0.49540 μ m
Purity(Chelometric Titration)	98-102 (%)	100.58000 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97690 %
Appearance (C103836)	Copper-colored powder	Copper-colored powder
ICP: Confirms Copper Component	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager