

## Certificate of Analysis

Date of Testing: 2023-04-21 11:03:25  
Date of Next Testing: 2027-04-20 11:03:25  
Product Name: **Copper**  
CAS Number: 7440-50-8(power)  
Specifications & Purity: 99.5% metals basis,10-15 $\mu$ m  
Lot #: D2311632  
SKU #: **C501362**  
**Analysis:** **215529**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.95 %
Total Metallic Impuritie	0-5000 (ppm)	544.00 ppm
Particle size	10-15 ( $\mu$ m)	10.90 $\mu$ m
Appearance(C501362)	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