

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-20 13:45:10  
Date of Next Testing: 2027-04-19 13:45:10  
Product Name: **Copper**  
CAS Number: 7440-50-8(power)  
Specifications & Purity: powder,99.9% metals basis,≥325 mesh  
Lot #: D2308841  
SKU #: **C131632**  
Analysis: **215857**

| Parameter                              | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Particle size                          | ≥325 (mesh)           | 437.10 mesh           |
| Total Metallic Impuritie               | 0-1000 (ppm)          | 999.00 ppm            |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)          | 99.90%                |
| Purity(Complexometric titration)       | 98-102 (%)            | 98.79%                |
| Appearance (C131632)                   | 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