

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-18 12:57:30  
Date of Next Testing: 2026-11-17 12:57:30  
Product Name: **Cupric oxide**  
CAS Number: 1317-38-0  
Specifications & Purity: 99.5% metals basis,50-100nm  
Lot #: K2216474  
SKU #: **C299304**  
**Analysis:** **147907**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	4335.00 ppm
Complexometric EDTA (Cu)	77-82.6 (%)	77.52 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.57 %
Average particle size	50-100 (nm)	50.01 nm
Appearance (C299304)	black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager