

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-21 11:06:05  
Date of Next Testing: 2028-09-20 11:06:05  
Product Name: **Cupric oxide**  
CAS Number: 1317-38-0  
Specifications & Purity: 99%  
Lot #: I2412078  
SKU #: **C112562**  
Version: **1**  
Analysis #: **297928**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Density	6.2-6.5 (g/ml)	6.42 g/ml
Chloride (Cl <sup>-</sup> )	0-0.003 (%)	0.00 %
Substances not precipitated by hydrogen sulfide	0-0.2 (%)	0.18 %
Carbon compound(CO <sub>3</sub> )	0-0.025 (%)	0.01 %
Iron(Fe)	0-0.01 (ppm)	0.00 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.00 %
Nitrogen by Elemental Analysis	0-0.002 (%)	0.00 %
Insoluble matter in HCl	0-0.002 (%)	0.00 %
Cuprous oxide(Cu <sub>2</sub> O)	0-0.05 (%)	0.03 %
Assay	99-100 (%)	99.96 %
Appearance (C112562)	Brown to black powder	Brown to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager