

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-16 10:05:14

Date of Next Testing: 2029-07-15 10:05:14

Product Name: **Cupric oxide**

CAS Number: 1317-38-0

Specifications & Purity: $\geq 99\%$

Lot #: G2503039

SKU #: **C112562**

Version: **1**

Analysis #: **297928**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Density	6.2-6.5 (g/ml)	6.42000 g/ml
Chloride (Cl-)	0-0.003 (%)	0.00120 %
Substances not precipitated by hydrogen sulfide	0-0.2 (%)	0.18200 %
Carbon compound(CO ₃)	0-0.025 (%)	0.00600 %
Iron(Fe)	0-0.01 (ppm)	0.00420 ppm
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00152 %
Nitrogen by Elemental Analysis	0-0.002 (%)	0.00010 %
Insoluble matter in HCl	0-0.002 (%)	0.00162 %
Cuprous oxide(Cu ₂ O)	0-0.05 (%)	0.03400 %
Assay	99-100 (%)	99.96380 %
Appearance (C112562)	Brown to black powder	Brown to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager