

Certificate of Analysis

Date of Testing: 2023-02-07 12:26:57

Date of Next Testing: 2027-02-06 12:26:57

Product Name: **Cupric oxide**

CAS Number: 1317-38-0

Specifications & Purity: 99%

Lot #: A2331445

SKU #: **C112562**

Analysis: **080534**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Density	6.2-6.5 (g/ml)	6.40 g/ml
Chloride (Cl-)	0-0.003 (%)	0.00 %
Substances not precipitated by hydrogen sulfide	0-0.2 (%)	0.10 %
Carbon compound(CO3)	0-0.025 (%)	0.01 %
Iron(Fe)	0-0.01 (ppm)	0.01 ppm
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Nitrogen by Elemental Analysis	0-0.002 (%)	0.00 %
Insoluble matter in HCl	0-0.002 (%)	0.00 %
Cuprous oxide(Cu2O)	0-0.05 (%)	0.03 %
Assay	99-100 (%)	99.86 %
Appearance (C112562)	Brown to black powder	Brown to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager