



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis (COA)

Product Information

Product Name Copper(II) Oxide
Product Number: CUO-20260224
Batch Number CUO-SH2026022401
Brand SIGALD
CAS Number 1317-38-0
MDL Number MFCD00010979
Formula CuO
Formula Weight 79.55 g/mol

Quality Release Date 24 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Black	Black	-	Visual Inspection
Appearance (Form)	Powder	Fine powder	-	Visual Inspection
Purity (CuO)	≥ 99.0%	99.3%	%	Titration Method
Copper (Cu) Content	79.5-80.5%	80.1%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 0.001%	0.0003%	%	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.0005%	0.0001%	%	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	≤ 0.005%	0.002%	%	Spectrophotometry
Water Insoluble Matter	≤ 0.1%	0.05%	%	Gravimetric Method
Acid Insoluble Matter	≤ 0.05%	0.02%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with industrial standards for copper(II) oxide and meets all specified requirements. It is qualified for use.

Issue Date: 24 FEB 2026