



CERTIFICATE OF ANALYSIS

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1. Identification

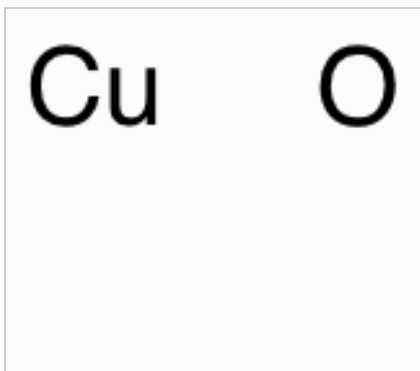
Catalogue Number: C685350

CAS Number: 1317-38-0

Synonym: BYK-LP x 20704; Banacobru OL; Black copper oxide; C.I. 77403; C.I. Pigment Black 15; Coopers Permatrace Copper; Copacaps; Copinox Lamb; Copper Brown; Copper monooxide; Copper monoxide; Copper monoxide (CuO); Copper(2+) oxide; Copper oxide (Cu₄O₄); Copper(2+) oxide; Copper(II) oxide; Copper(II) oxide (CuO); Copporal; Cupric oxide; ET; N 120; N 120 (oxide); N 520; NSC 83537; NanoActive CuO; NanoArc U 1102DBE; Nanotek CuO; Nanotek CuO-C; YC

Product: Copper(II) Oxide

Structure:



Molecular Formula:

CuO

Molecular weight:

79.55

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Methanol (Slightly)

Lot Number: 2022-HAB-036

Purity: N/A

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Black Solid	Black Solid
Copper Content	Report Result	69.9% by ICP Analysis

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	12/15/2022	12/13/2026