

Technical Data Sheet

Copper(II) Oxide Powder

Product ID: 290801PD001 / 290801PD002

Formular: CuO

Molecular weight: 79.55 g/mol

CAS No.: 1317-38-0

EINECS No.: 215-269-1

Color: Black

Description: Our copper(II) oxide typically has a purity of $\geq 99\%$, featuring high stability and excellent catalytic properties, making it a versatile and highly efficient inorganic compound.

Application: Battery materials, catalysts, ceramics and glass, magnetic materials, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
290801PD001	CuO (99%)	D50 < 5 μ m
290801PD002	CuO (99%)	-500 Mesh
290801PDDZ	CuO	Customized

2. Chemical compositions

Element Typical Value Purity	Chemical Composition (wt%)					
	Fe	Cd	Pb	Hg	SO ₄ ²⁻	Cl ⁻
99%	≤ 0.5	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Bottled/Bag.

Double vacuum packed.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

When using, wear protective equipment (e.g., mask, goggles, and gloves) and operate in a well-ventilated area to avoid inhalation or contact with dust.

Stored in a sealed container in a cool, dry place, away from incompatible substances such as acids and reducing agents, and regularly inspect the storage container for integrity.

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