

# Copper Oxide Nano Particle



Copper oxide (CuO) nano particles are manufactured with multi-points of quality checks.



APS: <100 nm

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# PRODUCT FEATURES

# CuO

Purity: >99%

## Advantages

- ▶ Antimicrobial activity.
- ▶ Energy conversion, Optoelectronic devices and catalyst.
- ▶ Super thermal conductivity, Photovoltaic properties, High stability,
- ▶ Have Semiconducting Property
- ▶ Useful in batteries, catalysis, solar energy conversion, high-temperature superconductors.

## Applications

Anti Microbial

Batteries

Sensors

Electronics

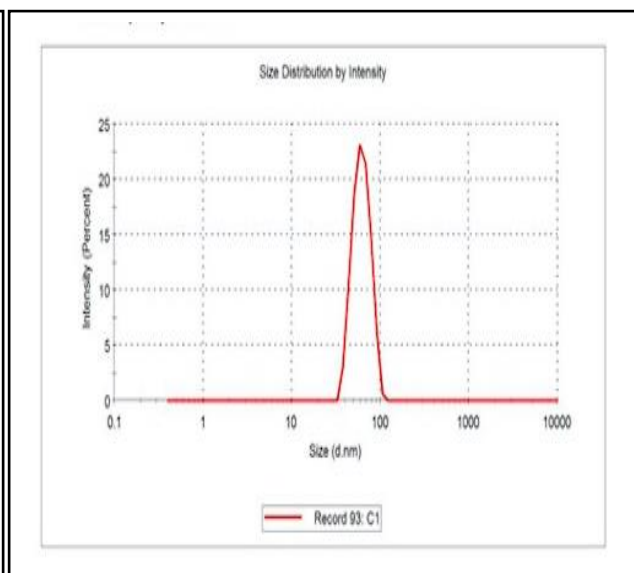
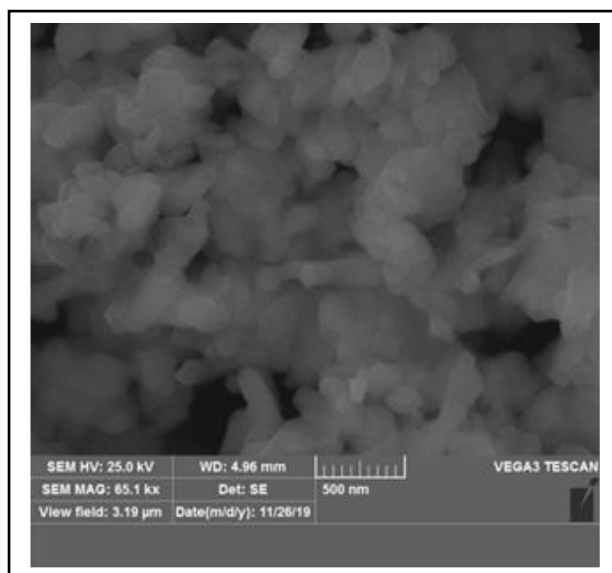
Solar

Agriculture Industries

# TECHNICAL DATA SHEET

## SPECIFICATION

AD-CuO	DESCRIPTION
PURITY	>99%
AVERAGE PARTICLE SIZE	<100 nm
PHYSICAL FORM	POWDER
BULK DENSITY	0.9 g/cm <sup>3</sup>
SSA	60-80 m <sup>2</sup> /g
CAS NO	1317-38-0
MORPHOLOGY OF NANO PARTICLE	NEAR ROD TO SPHERICAL
COLOUR	DARK BROWN



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