

## Technical Datasheet

### Copper (II) Oxide Nanoparticles

- Full product name: Copper(II) Oxide Nanoparticles
- Product ID: CuO-SP
- Chemical Formula: CuO
- CAS Number: 1317-38-0
- Available grade: Lab & Industrial
- Type: Powder

#### Physical properties

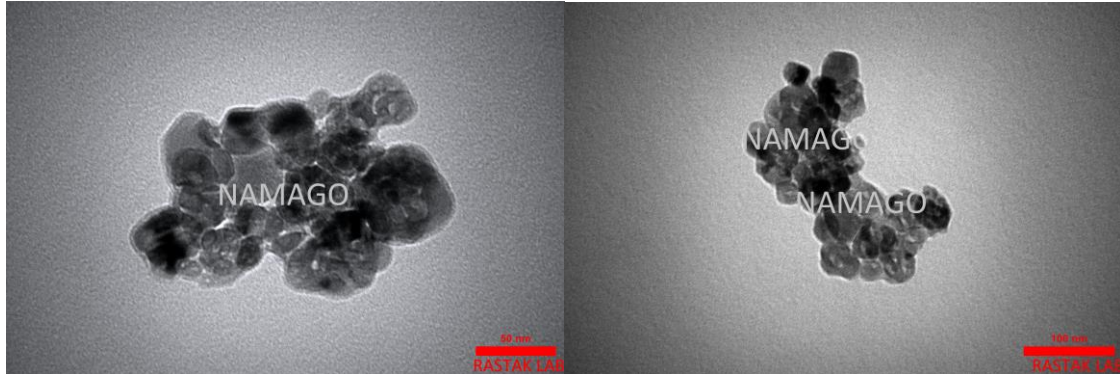
Density	6.31 g/cm <sup>3</sup>
Appearance color	black
APS (TEM)	30-50 nm
Purity (XRF)	99%
Loss on ignition	2-3%
Crystal structure	monoclinic

#### Applications

Antibacterial and antiviral Paint
Catalysis
High temperature super conductor
Gas sensor
Solar Power
Pharmaceutical



## TEM Analysis



## XRD Analysis

