

## Technical Datasheet

### Copper(I) Oxide Nanoparticles

- Full product name: Copper(I) Oxide Nanoparticles
- Product ID: Cu<sub>2</sub>O-AC
- Chemical Formula: Cu<sub>2</sub>O
- CAS Number: 1317-39-1
- Available grade: Lab & Industrial
- Type: Powder & Colloid

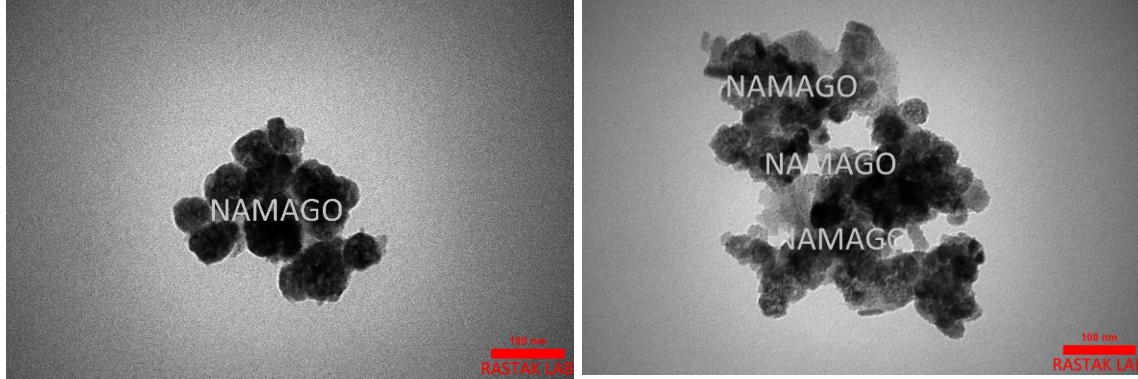
#### Physical properties

Density	6 g/cm <sup>3</sup>
Appearance color	orange
APS (TEM)	30-50 nm
Purity (XRF)	98%
Loss on ignition	2-3%
Crystal structure	cubic

#### Applications

Antibacterial Paint and Polymers
Catalysis
pigment
Antifouling agent
Oxygen scavenger
Pharmaceutical

## TEM Analysis



## XRD Analysis

