

Chem-Impex International, Inc.

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Product Specifications

Cu
C.H

Catalogue Number	47068
Product	Copper powder (~1 micron)
CAS Number	7440-50-8
Molecular Formula	Cu
Molecular Weight	63.55

Appearance	Sienna nanopowder
Density	~ 3.73 g/cm ³ (Tapped) ~ 8.9 g/cm ³ (True)
Elemental Analysis (Theory)	Carbon (C) : ≤ 3500 ppm Oxygen (O) : ≤ 8100 ppm
Cation	Aluminum (Al) : ≤ 90 ppm Nickel (Ni) : ≤ 90 ppm Iron (Fe) : ≤ 101 ppm Lead (Pb) : ≤ 20 ppm Cadmium (Cd) : ≤ 10 ppm Mercury (Hg) : ≤ 1 ppm
Mesh Size	APS ~1 micron , SSA ~0.7m ² /g
Purity	≥ 99.8% (Trace metals basis)
Storage	Store at RT

For Laboratory Use Only