

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	47064
Lot Number	003344-0821-080621
Product	Copper nanopowder (60~80 nm)
CAS Number	7440-50-8
Molecular Formula	Cu
Molecular Weight	63.55

Appearance	Black nanopowder
Density	8.9 g/cm ³ (True)
Elemental Analysis (Found)	Oxygen (O) : 2.2%
Anion	Sulfur (S) : 10 ppm
Cation	Aluminum (Al) : 100 ppm Calcium (Ca) : 150 ppm Chromium (Cr) : 2 ppm Silver (Ag) : 70 ppm Nickel (Ni) : 190 ppm Zinc (Zn) : 170 ppm Tin (Sn) : 120 ppm Titanium (Ti) : 120 ppm
Mesh Size	APS 60 ~ 80 nm
Purity	99.9% (Trace metals basis)
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager