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Product Specifications



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

Appearance	Black nanopowder
Density	Bulk density ~0.2 g/cm ³ , True density 8.9 g/cm ³
Elemental Analysis (Theory)	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 , SSA 4 - 8 m ² /g
Purity	≥ 99.9% (Trace metals basis)
Storage	Store at RT

For Laboratory Use Only