

# *Chem-Impex International, Inc.*

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## *Product Specifications*



<b>Catalogue Number</b>	47065
<b>Product</b>	<b>Copper nanopowder (100-130 nm)</b>
<b>CAS Number</b>	7440-50-8
<b>Molecular Formula</b>	Cu
<b>Molecular Weight</b>	63.55

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<b>Appearance</b>	Nanopowder
<b>Density</b>	True density 8.9 g/cm <sup>3</sup>
<b>Mesh Size</b>	APS 100-130 nm, SSA 5 m <sup>2</sup> /g
<b>Related Substances</b>	Trace metals analysis : Al : ≤ 40 ppm, S : ≤ 9 ppm, Ca : ≤ 15 ppm, Cr : ≤ 28 ppm Fe : ≤ 60 ppm, Ni : ≤ 19 ppm, Zn : ≤ 60 ppm Sn : ≤ 40 ppm, Pb : ≤ 20 ppm, O : ≤ 2%
<b>Purity</b>	≥ 99.9% (Trace metals basis)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**