

# Specification

## Technical Data Sheet

<b>Product Name</b>	Copper (I) oxide
<b>Product No</b>	38795886
<b>CAS Number</b>	1317-39-1
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	143.09
	<b>Specification</b>
<b>Appearance</b>	Red to brown powder
<b>Acetone Soluble</b>	≤0.5%
<b>Assay</b>	≥97.0% Cu <sub>2</sub> O
<b>Bulk density</b>	1.3-1.4g/ml
<b>Chloride (Cl)</b>	≤0.5%
<b>Colour</b>	Dark red brown
<b>CuO</b>	≤0.5%

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<b>Insoluble in Nitric Acid</b>	$\leq 0.5\%$
<b>Metallic Copper</b>	$\leq 0.5\%$
<b>Other metal</b>	$\leq 0.5\%$
<b>Particle Size</b>	3-4 $\mu\text{m}$ average
<b>Reducing power</b>	$\geq 97\%$
<b>Sulfate (SO<sub>4</sub>)</b>	$\leq 0.1\%$
<b>Copper (Cu)</b>	$\geq 86\%$

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