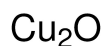


Product Specification

Product Name : Copper(I) oxide $\geq 99.99\%$ trace metals basis, anhydrous
Product Number: 566284
CAS Number: 1317-39-1
MDL Number : MFCD00010974
Molecular Formula: Cu_2O
Formula Weight: 143.09 g/mol



Test	Specification
Appearance (Color)	Light Brown-Red to Very Dark Brown-Red and Light Red-Purple to Very Dark Red-Purple and Light Brown-Purple to Very Dark Brown-Purple Powder
Appearance (Form)	
Complexometric EDTA % Copper	87.5 - 90.2 %
ICP Major Analysis Confirms Copper Component	Confirmed
Purity $\geq 99.99\%$ Based On Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	$\leq 100.0\text{ppm}$
Silver (Ag)	
Aluminum (Al)	
Arsenic (As)	
Boron (B)	
Barium (Ba)	
Beryllium (Be)	
Bismuth (Bi)	
Calcium (Ca)	
Cadmium (Cd)	

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Version Number: PRP.02.ZQ5.1185670

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Product Name: Copper(I) oxide

Product Number: 566284-BULK

Test	Specification
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Cobalt (Co)

Chromium (Cr)

Copper (Cu)

Iron (Fe)

Iridium (Ir)

Potassium (K)

Lithium (Li)

Magnesium (Mg)

Manganese (Mn)

Molybdenum (Mo)

Sodium (Na)

Nickel (Ni)

Lead (Pb)

Palladium (Pd)

Platinum (Pt)

Antimony (Sb)

Tin (Sn)

Strontium (Sr)

Titanium (Ti)

Vanadium (V)

Tungsten (W)

Zinc (Zn)

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Version Number: PRP.02.ZQ5.1185670

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For further information please contact mlsbranding@sial.com



Product Name: Copper(I) oxide

Product Number: 566284-BULK

Test	Specification
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Zirconium (Zr)	
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