

Technical Data Sheet

Copper(II)oxide powder

Revision date: 2025-06-06

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY / UNDERTAKING

Product name	Copper(II)oxide powder
Product code	NO-0031-HP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)151-41255671

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Copper(II)oxide
CAS No.	1317-38-0
Empirical Formula	CuO
Molecular weight	79.55 g/mol
Purity	99+%
Average Particle Size	40 nm
Color	Black
Morphology	nearly spherical
True Density	6.31 g/cm ³

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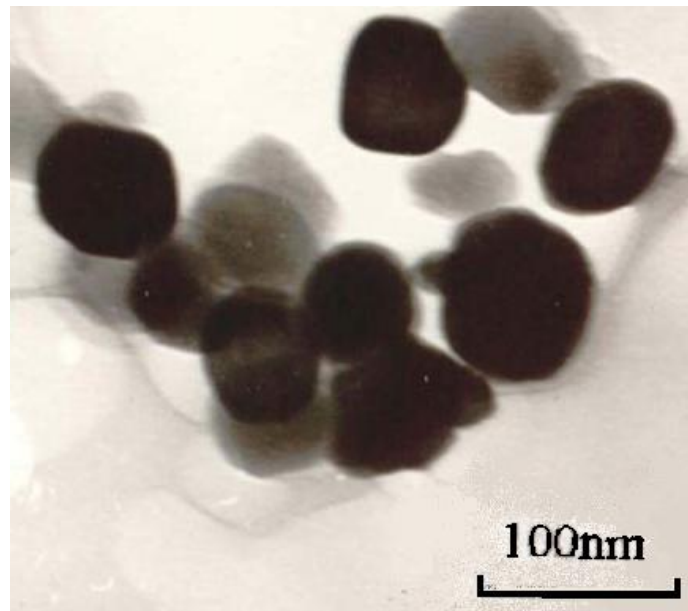
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3 TYPICAL IMPURITIES: ICP-OES

Element	content
Al	< 0.01 %
Ba	< 0.01 %
Cd	< 0.01 %
Co	< 0.01 %
Cr	< 0.01 %
Fe	< 0.01 %
Mn	< 0.01 %
Pb	< 0.01 %
Zn	< 0.02 %
Ca	< 0.05 %

4 TRANSMISSION ELECTRON MICROSCOPY



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5 OTHER INFORMATION

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