Technical Data Sheet

Copper(II)oxide powder

Date Issued: 2019-08-13

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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
	Salzstrasse 184
	D-74076 Heilbronn
	Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)176 - 84850874

2 COMPOSITION / INFORMATION ON INGREDIENTS

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

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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

100nm
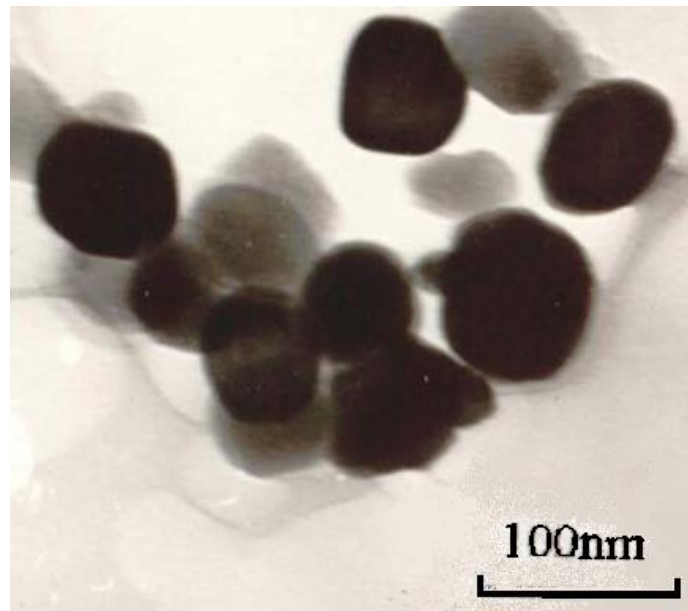
5 OTHER INFORMATION

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