Technical Data Sheet

Zinc Nanopowder, 130 nm

Revision Date: 02/19/2009
Date Issued: 03/02/2007

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

Product name	Zinc nanopowder, 130 nm
Product code	NM-0004-HP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Ferdinand-Porsche-Straße 5/1 D-79211 Denzlingen Germany
Fax	+49 (0)7666 - 9129345
Emergency telephone	+49 (0)179-5322578

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Zinc powder
Empirical formula	Zn
CAS No.	7440-66-6
Molecular weight	65.39 amu
Purity	99.5%
Average particle size	130 nm
Specific surface area	6.4 m^2/g
Colour	Gray
Morphology	Spherical
Bulk Density	0.70-0.85 g/cm^3
True Density	7.14 g/cm^3
Melting point	419.5°C
Production method	N/A

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3 SPECIFICATIONS

Components	Contents (%)
Al	0.071
Si	0.019
S	0.008
Cl	0.020
Ca	0.016
Fe	0.022
Ni	0.007
Cu	0.038
Ag	0.086

4 TRANSMISSION ELECTRON MICROSCOPY

Not available

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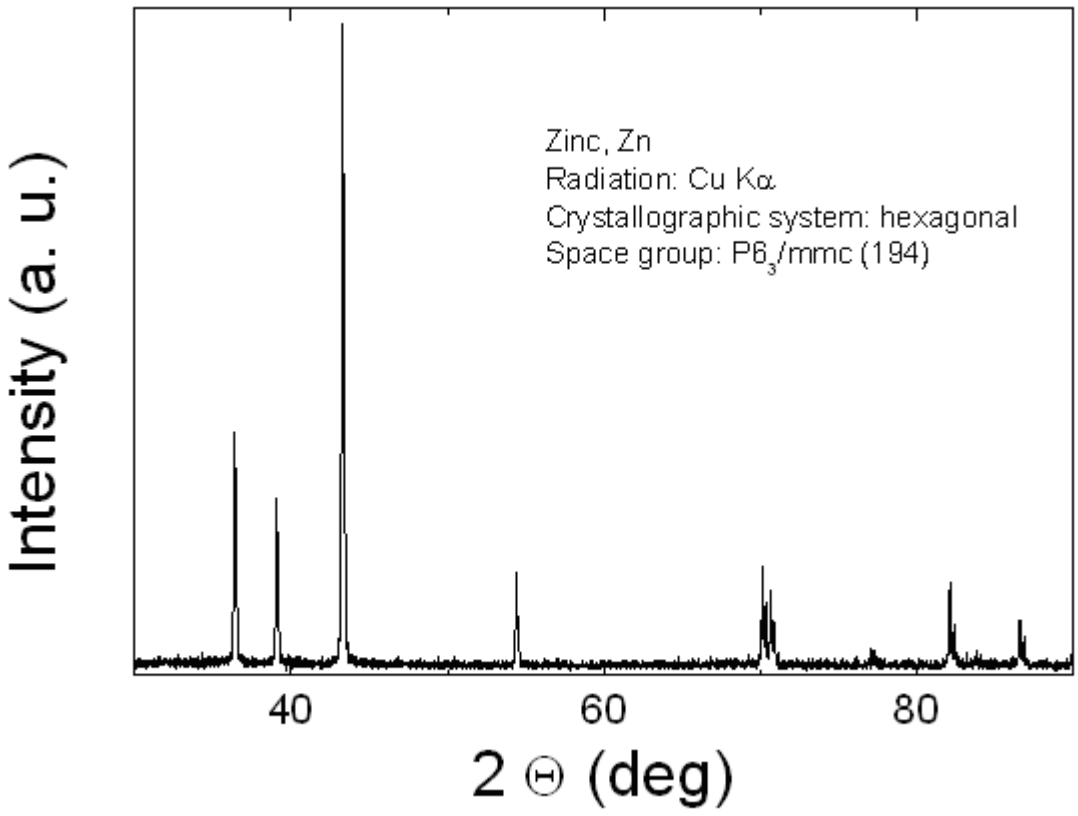
5 X-RAY DIFFRACTION PATTERN



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6 ORDER INFORMATION

NM-0004-HP can be obtained in the following standard quantities:

Quantity	Price
10 g	Please enquire
50 g	Please enquire
100 g	Please enquire
500 g	Please enquire

Please send your order via email to order@nanomaterials.iolitec.de
or fax to +49-(7666)-9129345.

7 OTHER INFORMATION

Warning! Zinc is a combustible solid. See MSDS for specific details.

DISCLAIMER

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