

Technical Data Sheet

Zinc(II) oxide

Revision Date: 11/7/2025

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

Product name	Zinc(II) oxide powder
Product code	NO-0011-HP
CAS	1314-13-2
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	Zinc(II) oxide
CAS No.	1344-28-1
Empirical Formula	ZnO
Molecular weight	81.39 g/mol
Purity	99.5%
Morphology	spherical
Average Particle Size	20 nm (TEM)
Specific Surface Area	40 m ² /g (BET)
Relative Density	5.61 g/cm ³
Bulk Density	0.1-0.2 g/cm ³
Melting point	1975°C

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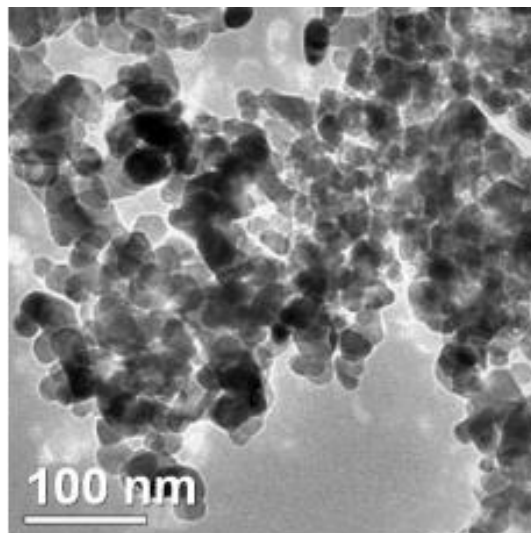
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3 CONTENT OF IMPURITIES

Impurity	Content
Cu	≤ 3 ppm
Cd	≤ 8 ppm
Mn	≤ 5 ppm
Pb	≤ 9 ppm
As	≤ 5 ppm

4 TEM IMAGE



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5 OTHER INFORMATION

DISCLAIMER

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