

Technical Data Sheet

Zinc powder

Date Issued: 2026-04-01

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

Product name	Zinc powder
Product code	NM-0045-UP
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 powder
Empirical Formula	Zn
CAS No.	7440-66-6
Molecular weight	65.39 g/mol
Purity	99.7%
Average Particle Size	40 - 60 nm (TEM)
Specific Surface Area	12 m ² /g
Color	black-gray
Bulk Density	0.20-0.40 g/cm ³
True Density	7.13 g/cm ³
Melting point	420°C
Boiling point	907°C

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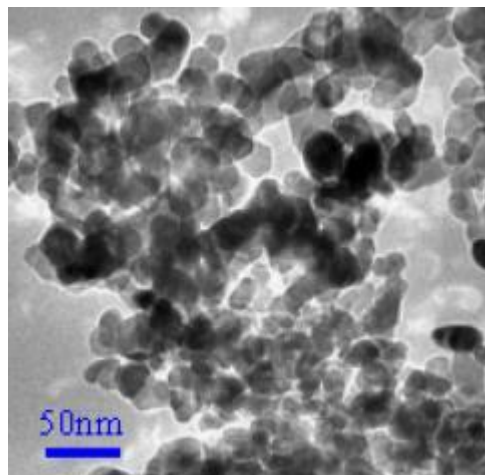
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3 SPECIFICATIONS

Components	Content (%)
Al	< 0.01
Si	< 0.01
S	< 0.01
Cl	< 0.012
Ca	< 0.01
Fe	< 0.012
Ni	< 0.01
Cu	< 0.015
Ag	< 0.01

4 TRANSMISSION ELECTRON MICROSCOPY



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6 OTHER INFORMATION

Warning!

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

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