

Technical Data Sheet

Zinc powder

Date Issued: 2019-08-14

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 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	Zinc powder, partially passivated [O]
Empirical Formula	Zn
CAS No.	7440-66-6
Molecular weight	65.39 amu
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	7.14 g/cm ³
Melting point	419.5°C

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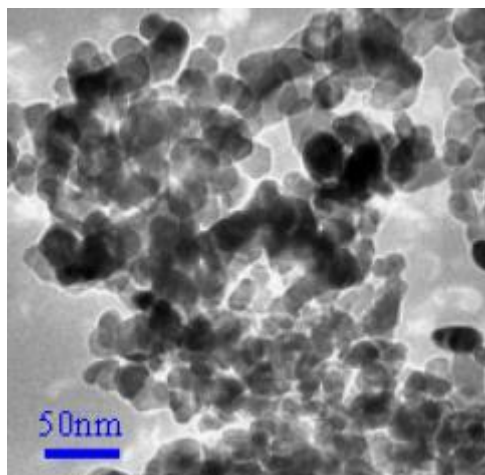
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3 SPECIFICATIONS

Components	Content (%)
Al	< 0.01
Si	< 0.01
S	< 0.01
Cl	< 0.015
Ca	< 0.01
Fe	< 0.015
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.

DISCLAIMER

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