

Technical Data Sheet

Tin Powder

Revision Date:8/18/2025

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

Product name	Tin Powder
Product code	NM-0040-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	Tin powder
Empirical formula	Sn
CAS No.	7440-31-5
Molecular weight	118.71 g/mol
Purity	>99.7%
Average particle size	< 100 nm
Specific surface area	~7 m ² /g
Colour	black
Morphology	spherical
Melting point	231.9°C
Production method	Made by electrical explosion method

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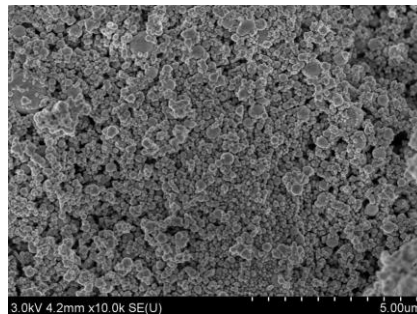
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3 SPECIFICATIONS

Tin Nanopowder >99.7%; Impurities -ppm					
Ni	Bi	Zn	Fe	As	Pb
<50	<100	<10	<50	<50	<100

4 SCANNING ELECTRON MICROSCOPY



5 OTHER INFORMATION

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