

Technical Data Sheet

Tin Powder

Date Issued: 2019-08-14

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 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	Tin powder
Empirical formula	Sn
CAS No.	7440-31-5
Molecular weight	118.71 amu
Purity	99.99%
Average particle size	< 100 nm
Specific surface area	~25 m ² /g
Colour	black
Morphology	spherical
Melting point	231.9°C
Production method	Made by electrical explosion method

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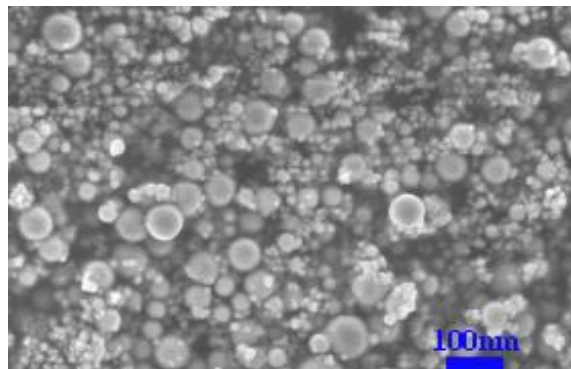
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3 SPECIFICATIONS

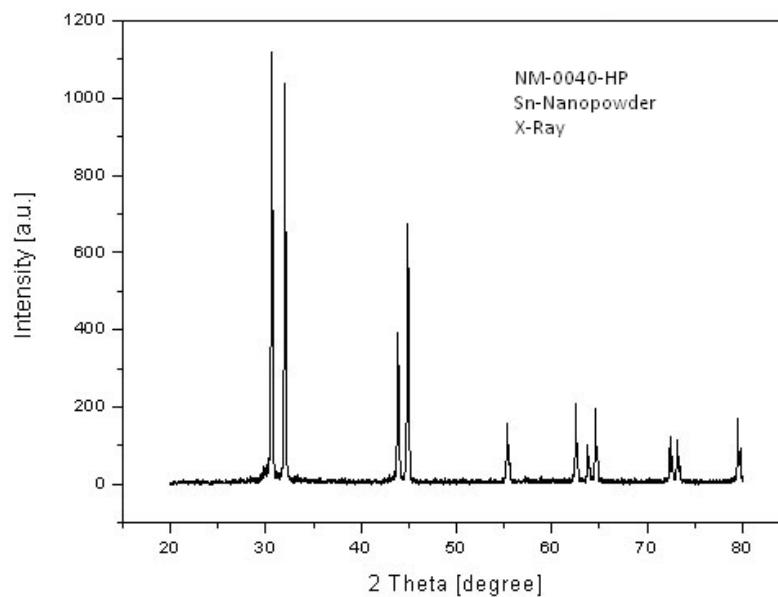
Tin Nanopowder 99.99%; Impurities -ppm

Cu	Bi	Zn	Fe	As	Pb
3	3	2	5	1	50

4 SCANNING ELECTRON MICROSCOPY



5 X-RAY DIFFRACTION PATTERN



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6 OTHER INFORMATION

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