

# Technical Data Sheet

## Tantalum powder

Date Issued: 2019-08-14

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

<b>Product name</b>	Tantalum powder
<b>Product code</b>	NM-0036-HP
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131 - 898390
<b>Fax</b>	+49 (0)7131 - 89839109
<b>Emergency telephone</b>	+49 (0)176 - 84850874

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredient name</b>	Tantalum
<b>Empirical Formula</b>	Ta
<b>CAS No.</b>	7440-25-7
<b>Molecular weight</b>	180.95 amu
<b>Purity</b>	99% (metal basis)
<b>Average Particle Size</b>	60-80 nm
<b>Color</b>	grey to black
<b>True Density</b>	16.7 g/cm <sup>3</sup>
<b>Melting point</b>	3017°C

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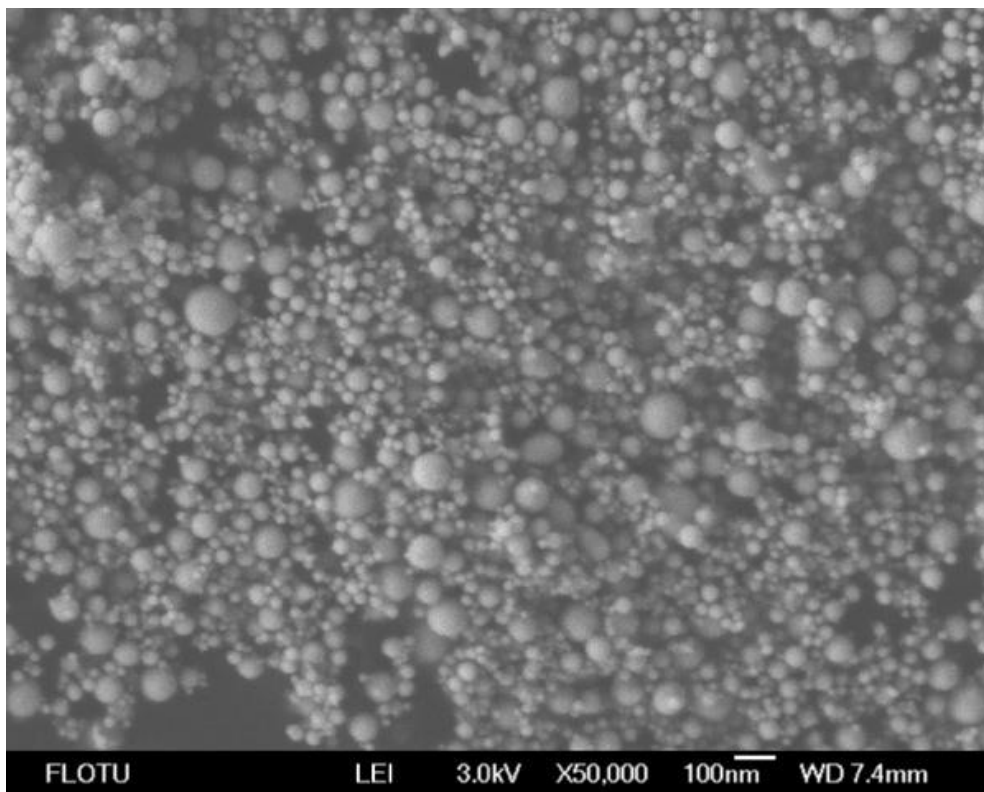
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### 3 TYPICAL IMPURITIES

Al	< 0.0005%
Si	< 0.0005%
Fe	< 0.0005%
Nb	< 0.001%
Ni	< 0.0005%
Cr	< 0.0005%
Ti	< 0.0005%
W	< 0.0005%
Mo	< 0.0005%

### 4 SEM IMAGE



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### 5 OTHER INFORMATION

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