Technical Data Sheet

Palladium powder

Revision Date: 8/18/2025

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

Product name	Palladium powder
Product code	NM-0041-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)176 - 84850874

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Palladium
Empirical Formula	Pd
CAS No.	7440-05-3
Molecular weight	106.42 g/mol
Purity	99.9% (metal basis)
Average Particle Size	20-30 nm
Specific Surface Area	40 m^2/g
Morphology	spherical
True Density	11.99 g/cm^3
Melting point	1555°C

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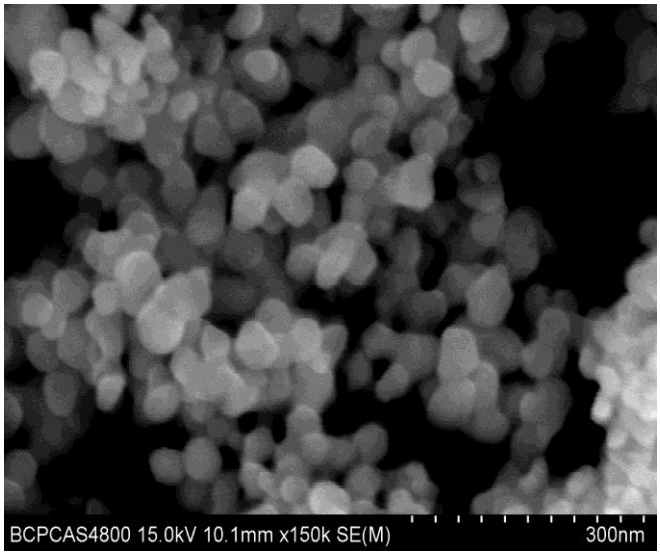
3 SPECIFICATIONS

typical impurities (%):

Pt	<0.0031	Cr	<0.0005
Rh	<0.0005	Cu	<0.0005
Ir	<0.001	Fe	<0.0005
Ru	<0.001	Mg	<0.0005
Au	<0.0005	Mn	<0.0005
Ag	<0.00050	Ni	<0.0005
Al	<0.0005	Pb	<0.0005
Bi	<0.0005	Si	<0.001
Ca	<0.001	Sn	<0.0005
Co	<0.0005	Zn	<0.001

4 SCANNING ELECTRON MICROSCOPY



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5 OTHER INFORMATION

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