

Certificate of analysis

Product No.: 12237
 Product: Palladium granules, 99.8% (metals basis)
 Lot No.: N11F021

Pt	203	Ag	1	Mg	2	Mo	ND	Ca	2	P	ND
Pd	99.96 %	Cd	ND	Pb	1	Cu	36	Zr	2	Re	ND
Rh	66	As	ND	Sn	5	Zn	ND	Sm	NM	S	ND
Ir	ND	Te	ND	Cr	ND	Ti	3	W	ND	Ta	NM
Ru	ND	B	ND	Si	78	Co	ND	Ga	ND		
Os	ND	Sb	ND	Fe	ND	Ni	20	In	NM		
Au	4	Mn	ND	Bi	ND	Al	ND	Ba	ND		

Detection limits for the elements listed above:

Pt	2	Ag	1	Mg	1	Mo	1	Ca	1	P	100
Pd	Matrix	Cd	2	Pb	1	Cu	1	Zr	2	Re	100
Rh	1	As	3	Sn	1	Zn	5	Sm	NM	S	100
Ir	5	Te	10	Cr	1	Ti	1	W	1	Ta	NM
Ru	1	B	1	Si	1	Co	1	Ga	150		
Os	3	Sb	3	Fe	1	Ni	1	In	NM		
Au	1	Mn	1	Bi	3	Al	1	Ba	100		

Values given in ppm unless otherwise noted

Method of analysis: Emission spectroscopy (ICP or DC ARC)

ND: Not detected

NM: Not measured

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