

Certificate of analysis

Product No.: 10352

Product: Tantalum foil, 0.127mm (0.005in) thick, annealed,
99.95% (metals basis)

Lot No.: R29E049

Ta 99.995 %

Ag	< 0.1	Al	0.07	As	< 0.05	Au	< 5
B	< 0.05	Ba	< 0.05	Be	< 0.01	Bi	< 0.05
Br	< 0.1	C	30	Ca	< 0.1	Cd	< 0.5
Ce	< 0.05	Cl	< 0.1	Co	< 0.01	Cr	< 0.01
Cs	< 1	Cu	< 0.1	Dy	< 0.05	Er	< 0.05
Eu	< 0.05	F	< 0.5	Fe	0.04	Ga	< 0.1
Gd	< 0.05	Ge	< 0.5	H	5	Hf	< 0.1
Hg	< 0.5	Ho	< 0.05	I	< 0.1	Ir	< 0.1
K	< 0.1	La	< 0.05	Li	< 0.01	Lu	< 0.05
Mg	< 0.05	Mn	< 0.05	Mo	0.19	N	5
Na	0.35	Nb	19	Nd	< 0.05	Ni	< 0.05
O	90	Os	< 0.05	P	< 0.05	Pb	< 0.1
Pd	< 0.1	Pr	< 0.05	Pt	< 0.5	Rb	< 0.05
Re	< 0.1	Rh	< 0.05	Ru	< 0.1	S	0.2
Sb	< 0.5	Sc	< 0.01	Se	< 0.5	Si	0.18
Sm	< 0.05	Sn	< 0.5	Sr	< 0.05	Tb	< 0.05
Te	< 0.1	Th	< 0.01	Ti	< 0.01	Tl	< 0.05
Tm	< 0.05	U	< 0.01	V	< 0.01	W	28
Y	< 0.01	Yb	< 0.05	Zn	< 0.1	Zr	< 0.1

Values given in ppm unless otherwise noted
Carbon, hydrogen, nitrogen, and oxygen determined by LECO
All other elements determined by GDMS

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