

Certificate of analysis

Product No.: 10257

Product: Niobium foil, 1.0mm (0.04in) thick, annealed, 99.8% (metals basis)

Lot No.: W05D027

Nb 99.998 %

Ag	0.92	Al	4.5	As	< 0.01	Au	< 0.05
B	0.81	Ba	< 0.005	Be	< 0.001	Bi	< 0.005
Br	< 0.01	C	80	Ca	< 0.05	Cd	< 0.05
Ce	< 0.005	Cl	0.02	Co	0.001	Cr	0.02
Cs	< 0.05	Cu	0.06	Dy	< 0.005	Er	< 0.005
Eu	< 0.005	F	< 0.05	Fe	0.17	Ga	< 0.01
Gd	< 0.005	Ge	< 0.01	H	3	Hf	0.16
Hg	< 0.05	Ho	< 0.005	I	< 0.005	In	< 0.01
Ir	< 0.01	K	< 0.01	La	< 0.005	Li	< 0.001
Lu	< 0.005	Mg	< 0.01	Mn	< 0.005	Mo	0.88
N	31	Na	< 0.01	Nd	< 0.005	N	0.09
O	71	Os	< 0.01	P	0.68	Pb	< 0.01
Pd	< 0.01	Pr	< 0.005	Pt	< 0.01	Rb	< 0.001
Re	< 0.01	Rh	< 0.001	Ru	0.02	S	0.01
Sb	< 0.01	Sc	< 0.001	Se	< 0.01	Si	5.5
Sm	< 0.005	Sn	< 0.01	Sr	< 0.001	Ta	120
Tb	< 0.005	Te	< 0.005	Th	< 0.001	Ti	0.03
Tl	< 0.01	Tm	< 0.005	U	0.002	V	0.84
W	0.82	Y	< 0.001	Yb	< 0.005	Zn	< 0.01
Zr	0.61						

Values given in ppm unless otherwise noted

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