

Certificate of analysis

Product No.: 36296

Product: Copper foil, 0.25mm (0.01in) thick, annealed, 99.95%
(metals basis), oxygen free

Lot No.: H12Z019

Cu 99.997 %

Ag	14	Al	0.005	As	0.74	Au	0.03
B	< 0.001	Ba	< 0.001	Be	< 0.001	Bi	0.18
Br	< 0.05	Ca	< 0.005	Cd	< 0.01	Ce	< 0.001
Cl	< 0.005	Co	0.006	Cr	0.05	Cs	< 0.005
Dy	< 0.001	Er	< 0.001	Eu	< 0.001	F	< 0.01
Fe	1.1	Ga	< 0.01	Gd	< 0.001	Ge	< 0.005
Hf	< 0.001	Hg	< 0.01	Ho	< 0.001	I	< 0.005
In	< 0.005	Ir	< 0.001	K	< 0.01	La	< 0.001
Li	< 0.001	Lu	< 0.001	Mg	0.008	Mn	0.08
Mo	< 0.005	Na	< 0.01	Nb	< 0.005	Nd	< 0.001
Ni	1.6	Os	< 0.001	P	0.09	Pb	0.38
Pd	< 0.005	Pr	< 0.001	Pt	< 0.01	Rb	< 0.001
Fe	0.007	Rh	< 1	Ru	< 0.005	S	3.5
Sb	0.64	Sc	< 0.001	Se	0.2	Si	0.15
Sm	< 0.001	Sn	0.16	Sr	< 0.001	Ta*	< 5
Tb	< 0.001	Te	0.08	Th	< 0.0001	Ti	< 0.001
Th	< 0.001	Tm	< 0.001	U	< 0.0001	V	< 0.001
W	0.005	Y	< 0.001	Yb	< 0.001	Zn	< 0.01
Zr	< 0.001						

Values given in ppm unless otherwise noted

*Instrument contamination

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