

Certificate of analysis

Product No.: 42224
 Product: Vanadium wire, 1.5mm (0.06in) dia, 99.8% (metals basis)
 Lot No.: 61301008

Va 99.8 %

Ag	< 0.3	Al	< 110	As	< 0.1	B	0.095
Be	< 0.03	Bi	< 0.03	C	60	Ca	< 0.1
Cd	< 0.3	Cl	0.042	Co	0.15	Cr	0.66
Cu	0.14	F	< 0.3	Fe	14	H	4
Hf	< 100	In	< 0.1	K	0.26	Li	< 0.03
Mg	0.016	Mn	0.025	Mo	40	N	120
Na	0.035	Nb	3.2	Ni	< 15	O	270
P	5.9	S	0.17	Sb	< 0.3	Se	< 0.3
Si	330	Sn	< 0.3	Ta	< 1	Te	< 0.1
Th	< 0.01	Ti	3.2	U	< 0.1	W	1.9
Zn	< 0.1	Zr	≤ 10				

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

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