

Product No.: 042847

 Product: Niobium slug, 6.35mm (0.25in) dia x 6.35mm (0.25in) length,  
 99.95% (metals basis excluding Ta)

Lot No.: U19K035

Nb 99.993 %

Ag	≤ 2	Al	6.2	As	< 0.01	Au	< 0.05
B	9.7	Ba	< 0.005	Be	< 0.001	Bi	< 0.005
Br	< 0.01	C	50	Ca	< 0.05	Cd	< 0.05
Ce	< 0.005	Cl	0.03	Co	0.004	Cr	0.002
Cs	< 0.05	Cu	0.23	Dy	< 0.005	Er	< 0.005
Eu	< 0.005	F	0.13	Fe	0.13	Ga	< 0.01
Gd	< 0.005	Ge	< 0.01	H	8	Hf	0.14
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	1.5
N	20	Na	0.03	Nd	< 0.005	Ni	0.04
O	49	Os	< 0.01	P	7.6	Pb	< 0.01
Pd	< 0.01	Pr	< 0.005	Pt	< 0.01	Rb	< 0.001
Re	0.01	Rh	< 0.001	Ru	0.002	S	0.18
Sb	0.03	Sc	< 0.001	Se	< 0.01	Si	42
Sm	< 0.005	Sn	< 0.001	Sr	< 0.001	Ta	60
Tb	< 0.005	Te	< 0.005	Th	< 0.001	Ti	0.26
Tl	< 0.01	Tm	< 0.005	U	0.006	V	0.8
W	5.5	Y	< 0.001	Yb	< 0.005	Zn	< 0.01
Zr	0.18						

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

Expiration date: August 19, 2054

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