

Certificate of analysis

Product No.: 13999

Product: Titanium rod, 12.7mm (0.5in) dia, 99.99% (metals basis)

Lot No.: R16A036

		Ti		99.998 %	
Ag	< 0.05	Al	0.335	As	0.027
B	< 0.01	Ba	< 0.005	Be	< 0.005
Br	< 0.05	C	15.5	Ca	< 0.2
Ce	< 0.005	Cl	0.085	Co	0.025
Cs	< 0.01	Cu	0.112	F	< 0.05
Ga	< 0.05	Ge	< 0.05	H	< 1
Hg	< 0.1	I	< 0.01	In	< 0.05
K	< 0.01	La	< 0.005	Li	< 0.005
Mn	0.027	Mo	< 0.05	N	12.5
Nb	< 0.2	Nd	< 0.005	Ni	0.395
Os	< 0.01	P	0.031	Pb	< 0.01
Pt	< 0.05	Rb*	< 5	Re	< 0.01
Ru	< 0.01	S	5	Sb	< 0.05
Se	< 0.05	Si	0.26	Sn	< 0.05
Ta**	< 5	Te	< 0.05	Th	< 0.0005
U	< 0.0005	V	0.13	W	< 0.01
Zn	< 0.05	Zr	0.625		

Values given in ppm unless otherwise noted

Carbon, hydrogen, nitrogen, oxygen and sulfur determined by LECO

All other elements determined by GDMS

ND None detected

* = Ion interference

** = Instrument contamination

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