

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
Certificate Number. 951001163

Catalogue Number	035365
Lot Number	U28L046
Description	Niobium slug, 6.35mm (0.25in) dia x 12.7mm (0.50in) length, Puratronic®, 99.99% (metals basis excluding Ta), Ta 300ppm
CAS Number	7440-03-1
Quality Test/Release Date	29/Aug/2025
Suggested retest date	29/Aug/2055
Country of Origin	China

Result Name	Units	Specifications	Test Value
Assay	%	≥99.99% (metals basis excluding Ta), Ta 300ppm	99.991, Ta: 39ppm
Appearance (Color)		Silvery	Silvery
Form		Slug, 6.35mm (0.25in) diameter.	Slug, 6.35mm (0.25in) diameter.
LENGTH		12.7mm (0.50in) length.	12.7mm (0.50in) length.

Additional Information Ag <0.05 , Al 3.8 , As <0.01 , Au <0.05 , B 1.2 , Ba <0.005 , Be <0.001 , Bi <0.005 , Br <0.01 , C <5 , Ca <0.05 , Cd <0.05 , Ce <0.001 , Cl <0.01 , Co 0.003 , Cr 0.01 , Cs <0.05 , Cu 0.16 , Dy <0.005 , Er <0.005 , Eu <0.005 , F <0.05 , Fe 0.1 , Ga <0.01 , Gd <0.005 , Ge <0.01 , H <1 , Hf 0.64 , 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 15 , N 59 , Na 0.02 , Nd <0.005 , Ni 0.02 , O 25 , Os <0.01 , P 2.4 , Pb <0.01 , Pd <0.01 , Pr <0.005 , Pt <0.01 , Rb <0.001 , Re <0.01 , Rh <0.001 , Ru 0.24 , S <5 , Sb <0.01 , Sc <0.001 , Se <0.01 , Si 7.8 , Sm <0.005 , Sn <0.01 , Sr <0.001 , Ta 39 , Tb <0.005 , Te <0.005 , Th <0.001 , Ti 0.01 , Tl <0.01 , Tm <0.005 , U 0.003 , V 0.21 , W 2.2 , Y <0.001 , Yb <0.005 , Zn <0.01 , Zr 57 , Values given in ppm unless otherwise stated.



Luis Perez
Interim Director Quality, LCD

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Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.