Thermo Fisher Scientific
Ward Hill, MA-Sites

30 Bond Street	220 Neck Road	38 Shelley Road
Ward Hill	Ward Hill	Ward Hill
MA 01835	MA 01835	MA 01835

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	041264
Lot Number	R16L013
Description	Silver sputtering target, 50.8mm (2.0in) dia x 3.18mm (0.125in) thick, 99.99% (metals basis)
CAS Number	7440-22-4
Quality Test/Release Date	16/May/2025
Suggested retest date	16/May/2055
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Assay from Suppliers CofA	%	99.99% (metals basis)	99.9994
Appearance (Color)		Silver	Silver
Form		Sputtering target, 50.8mm (2.0in) diameter x 3.18mm (0.125in) thick.	Conforms

Additional Information Al 0 , As 0.1 , Au 0.4 , B 0 , Ca 0.1 , Cd 0.1 , Co 0 , Cr 0 , Cu 2.9 , Fe 0.4 , Hg 0 , In 0 , Ir 0 , K 0 , Li 0 , Mg 0 , Mn 0 , Na 0.1 , Ni 0.2 , Os 0 , Pb 0.1 , Pd 0.1 , Pt 0.1 , Rh 0 , Ru 0 , Sb 0 , Se 0 , Si 0.1 , Sn 0.1 , Te 0.2 , Th 0 , Tl 0 , U 0 , Zn 0.2 , Zr 0 , Values given in ppm unless otherwise specified.

John Astarita
Director, Quality

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

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.