ThermoFisher
SCIENTIFIC

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	010109
Lot Number	R09L012
Description	Bismuth needles, 1-5cm (0.4-2in) long, 99.998% (metals basis)
CAS Number	7440-69-9
Quality Test/Release Date	15/May/2025
Suggested retest date	15/May/2030
Country of Origin	Lao People's Democratic Rep.

Result Name	Units	Specifications	Test Value
Total Metal Impurities	%	0.002% max.	0.0012

Additional Information Ag 12 , Cu <2 , Fe <3 , Ni <3 , Pb <5 , Values given in ppm unless otherwise stated.

John Astarita

John Astarita
Director, Quality

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.