Certificate of Analysis
ISO 17034

EPA Method 6020A
Internal Standard Solution

Catalog Number: ICM-637
Lot Number: 0006505360
Lot Issue Date: 11/25/2019
Expiration Date: 12/31/2023

This Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO 17034 / ISO 17025 accredited laboratory, and compared to calibration standards independently prepared using NIST SRM(s). The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

Analyte	True Value				Analytical Method	NIST SRM
bismuth	10.0	±	0.1	µg/mL	ICP / ICP-OES	3106
germanium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3120a
holmium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3123a
indium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3124a
lithium (VI)	10.0	±	0.1	µg/mL	ICP / ICP-OES	second source
rhodium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3144
scandium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3148a
terbium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3157a
yttrium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3167a

Matrix: 5% nitric acid, trace hydrochloric acid, trace hydrofluoric acid in low TOC water (< 50 ppb)

Agilent uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of its standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026
registered ISO 9001 Quality Management System

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937