Certificate of Analysis

EPA Method 200.7 Mixed Calibration Standard V

Catalog Number: ICM-235
Lot Number: 0006529534
Lot Issue Date: 03/31/2020
Expiration Date: 04/30/2023

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. The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

Analyte	True Value				Analytical Method	NIST SRM
beryllium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3105a
iron	100.2	±	0.5	µg/mL	ICP / ICP- OES	3126a
lead	100.1	±	0.5	µg/mL	ICP / ICP- OES	3128
magnesium	100.0	±	0.5	µg/mL	ICP / ICP- OES	3131a
nickel	20.0	±	0.1	µg/mL	ICP / ICP- OES	3136
thallium	50.1	±	0.3	µg/mL	ICP / ICP- OES	3158

Matrix: 2% nitric 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 these 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

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