Certificate of Analysis

EPA Method 200.7

Calibration Solution Standard #2

Catalog Number: ICM-203

Lot Number: 0006541338

Lot Issue Date: 05/28/2020

Expiration Date: 05/31/2022

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
barium	100.1	±	0.5	µg/mL	ICP / ICP-OES	3104a
beryllium	100.2	±	0.5	µg/mL	ICP / ICP-OES	3105a
cobalt	200.3	±	1.0	µg/mL	ICP / ICP-OES	3113
copper	100.1	±	0.5	µg/mL	ICP / ICP-OES	3114
iron	1001	±	5	µg/mL	ICP / ICP-OES	3126a
manganese	100.1	±	0.5	µg/mL	ICP / ICP-OES	3132
* vanadium	100.1	±	0.5	µg/mL	ICP / ICP-OES	3165

Matrix: 2% nitric acid with trace hydrofluoric acid in low TOC water (< 50 ppb)

* light sensitive

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

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert No. AT-1937