



Certificate of Analysis

ISO Guide 34

Mixed Standard Solution II

EPA Method 6010A

Catalog Number: ICM-602

Lot Number: CM-3432A

Lot Issue Date: 08/24/2018

Expiration Date: 06/30/2020

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 Guide 34 / 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-MS	3104a
cobalt	100.1	±	0.5	µg/mL	ICP / ICP-MS	3113
copper	100.1	±	0.5	µg/mL	ICP / ICP-MS	3114
iron	10013	±	50	µg/mL	ICP / ICP-MS	3126a
* vanadium	100.2	±	0.5	µg/mL	ICP / ICP-MS	3165

Matrix: 2% nitric acid and 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 ULTRAGrade 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.


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