



Certificate of Analysis

EPA Method 200.7

Mixed Calibration Standard 2

Catalog Number: ICM-232

Lot Number: R01142A

Lot Issue Date: 03/27/2017

Expiration Date: 04/30/2020

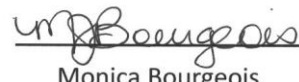
This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO Guide 34 / ISO 17025 accredited laboratory, and compared to calibration standards independently prepared 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
lithium	50.00	±	0.25	µg/mL	ICP / ICP-MS	3129a
molybdenum	100.0	±	0.5	µg/mL	ICP / ICP-MS	3134
potassium	200.0	±	1.0	µg/mL	ICP / ICP-MS	3141a
sodium	100.0	±	0.5	µg/mL	ICP / ICP-MS	3152a
strontium	10.00	±	0.05	µg/mL	ICP / ICP-MS	3153a

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

ULTRA uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of ULTRA grade 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.


John Russo
President


Monica Bourgeois
Director of QA/RA



ISO 9001 Registered Quality System – TUV USA