

Certificate of Analysis

EPA Method 200.7 Spiking Standard #5

Catalog Number: ICM-215

Lot Number: CM-1380

Lot Issue Date: 03/26/2015

Expiration Date: 04/30/2018

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
arsenic	800.9	±	4.0	µg/mL	ICP / ICP-MS	3103a
cadmium	100.1	±	0.5	µg/mL	ICP / ICP-MS	3108
lead	1002	±	5	µg/mL	ICP / ICP-MS	3128
selenium	1002	±	5	µg/mL	ICP / ICP-MS	3149
thallium	1000	±	5	µg/mL	ICP / ICP-MS	3158

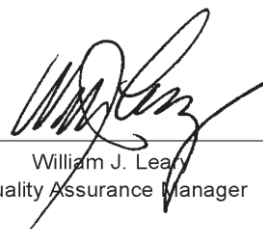
Matrix: 5% nitric acid in low TOC water (< 50 ppb)

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.



ISO 17025:2005
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William J. Leary
Quality Assurance Manager