Certificate of Analysis

EPA Method 200.7 Mixed Calibration Standard V

Catalog Number: ICM-235
Lot Number: M00870
Job Number: J00013519
Lot Issue Date: 08/16/2011
Expiration Date: 09/30/2015

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentrations were verified by our ISO 17025 accredited laboratory to be within ± 5.0%, when 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
beryllium	10.00	±	0.05	µg/mL	ICP / ICP-MS	3105a
iron	100.0	±	0.5	µg/mL	ICP / ICP-MS	3126a
lead	100.0	±	0.5	µg/mL	ICP / ICP-MS	3128
magnesium	100.0	±	0.5	µg/mL	ICP / ICP-MS	3131a
nickel	20.00	±	0.10	µg/mL	ICP / ICP-MS	3136
thallium	50.00	±	0.25	µg/mL	ICP / ICP-MS	3158

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

ULTRA uses purified acids, 18 megohm double deionized water, calibrated Class A glassware & 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

ACCREDITED

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ISO 9001:2000
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William J. Leary
Quality Assurance Manager