

Certificate of Analysis

EPA Method 200.7 Mixed Calibration Standard V**Catalog Number: ICM-235****Lot Number: M00870A****Lot Issue Date: 08/06/2015****Expiration Date: 09/30/2017**

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. The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

Analyte	True Value				Analytical	NIST
					Method	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 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/NCCL Z-540-1 and ISO 9001.