

Certificate of Analysis

EPA Method 200.7**Plasma Solution****Catalog Number: ICM-237****Lot Number: CS-2505****Lot Issue Date: 05/08/2018****Expiration Date: 06/30/2021**

This Reference Material (RM) 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	10.0	±	0.1	µg/mL	ICP / ICP-MS	3103a
lead	10.0	±	0.1	µg/mL	ICP / ICP-MS	3128
selenium	10.0	±	0.1	µg/mL	ICP / ICP-MS	3149
thallium	10.0	±	0.1	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/NCSL Z-540-1 and ISO 9001.


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