



Certificate of Analysis

EPA Method 200.7 Spiking Standard #1

Catalog Number: ICM-211

Lot Number: CS-0721

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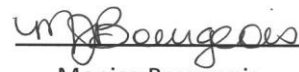
This Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO Guide 34 / ISO 17025 accredited laboratory, and compared to calibration standards independently prepared using NIST 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
boron	501.7	±	2.5 µg/mL	ICP / ICP-MS		3107
molybdenum	500.7	±	2.5 µg/mL	ICP / ICP-MS		3134
silicon	2002	±	10 µg/mL	ICP / ICP-MS		3150

Matrix: 5% nitric acid, and trace hydrofluoric 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.


John Russo
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ISO 9001 Registered Quality System – TUV USA