



Certificate of Analysis

EPA Method 200.7 Calibration Standard #3

Catalog Number: ICM-204

Lot Number: K00937Z

Job Number: J00010316

Lot Issue Date: 11/06/2012

Expiration Date: 12/31/2016

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 $\pm 5.0\%$, 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	NIST
					Method	SRM
boron	100.0	$\pm$	0.5	$\mu\text{g/mL}$	ICP / ICP-MS	3107
molybdenum	1000	$\pm$	5	$\mu\text{g/mL}$	ICP / ICP-MS	3134
silicon	1000	$\pm$	5	$\mu\text{g/mL}$	ICP / ICP-MS	3150

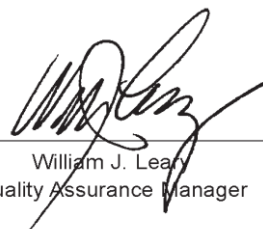
Matrix: trace hydrofluoric acid in low TOC water (< 50 ppb)

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.



ISO 17025:2005
Accredited
A2LA
Cert. No. 0851.01

ISO 9001:2000
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TUV USA, Inc.
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