

Certificate of Analysis

Calibration Standard #3
EPA Method 200.7

Catalog Number: ICM-204
Lot Number: T00073
Job Number: J00017610
Lot Issue Date: 01/17/2014
Expiration Date: 02/28/2018

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, 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	100.0	±	0.5	µg/mL	ICP / ICP-MS	3107
molybdenum	1000	±	5	µg/mL	ICP / ICP-MS	3134
silicon	1000	±	5	µg/mL	ICP / ICP-MS	3150

Matrix: 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 ULTRA grade 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
Registered
TUV USA, Inc.
Cert. No. 06-1004


William J. Leary
Quality Assurance Manager