

Certificate of Analysis

EPA Method 200.7 Spiking Standard #2**Catalog Number: ICM-212****Lot Number: CM-1349****Lot Issue Date: 03/26/2015****Expiration Date: 04/30/2018**

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
calcium	1001	±	5	µg/mL	ICP / ICP-MS	3109a
magnesium	2003	±	10	µg/mL	ICP / ICP-MS	3131a
potassium	10010	±	50	µg/mL	ICP / ICP-MS	3141a
sodium	3003	±	15	µg/mL	ICP / ICP-MS	3152a

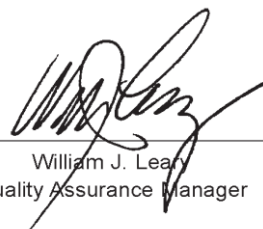
Matrix: 5% nitric acid in low TOC water (< 50 ppb)

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.



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