



Certificate of Analysis

EPA Method 6010A Mixed Standard Solution IV

Catalog Number: ICM-604

Lot Number: G00358Z

Job Number: J00005755

Lot Issue Date: 06/24/2011

Expiration Date: 07/31/2015

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 Method	NIST SRM
aluminum	200.0	$\pm$	1.0	$\mu\text{g/mL}$	ICP / ICP-MS	3101a
calcium	1000	$\pm$	5	$\mu\text{g/mL}$	ICP / ICP-MS	3109a
chromium	20.00	$\pm$	0.10	$\mu\text{g/mL}$	ICP / ICP-MS	3112a
lithium	100.0	$\pm$	0.5	$\mu\text{g/mL}$	ICP / ICP-MS	3129a
nickel	20.00	$\pm$	0.10	$\mu\text{g/mL}$	ICP / ICP-MS	3136
potassium	400.0	$\pm$	2.0	$\mu\text{g/mL}$	ICP / ICP-MS	3141a
sodium	200.0	$\pm$	1.0	$\mu\text{g/mL}$	ICP / ICP-MS	3152a
strontium	10.00	$\pm$	0.05	$\mu\text{g/mL}$	ICP / ICP-MS	3153a

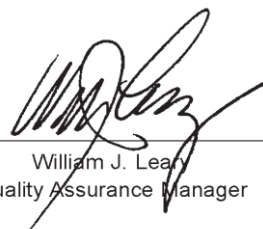
Matrix: 2% nitric acid in low TOC water (< 50 ppb)

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
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Cert. No. 0851.01

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