



Certificate of Analysis

EPA Method 6010A Mixed Standard Solution II

Catalog Number: ICM-602

Lot Number: P00101

Job Number: J00014225

Lot Issue Date: 02/01/2012

Expiration Date: 03/31/2016

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 SRM
					Method	
barium	100.0	$\pm$	0.5	$\mu\text{g/mL}$	ICP / ICP-MS	3104a
cobalt	100.0	$\pm$	0.5	$\mu\text{g/mL}$	ICP / ICP-MS	3113
copper	100.0	$\pm$	0.5	$\mu\text{g/mL}$	ICP / ICP-MS	3114
iron	10012	$\pm$	50	$\mu\text{g/mL}$	ICP / ICP-MS	3126a
* vanadium	100.0	$\pm$	0.5	$\mu\text{g/mL}$	ICP / ICP-MS	3165

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

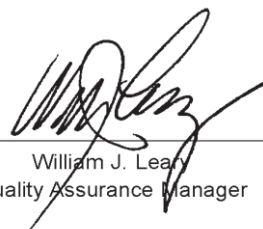
* light sensitive

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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Cert. No. 06-1004


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