



# Certificate of Analysis

**EPA Method 200.8  
Tuning Standard**

**Catalog Number: ICM-820  
Lot Number: M00826  
Job Number: J00013465  
Lot Issue Date: 08/04/2011  
Expiration Date: 09/30/2015**

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
beryllium	100.0	$\pm$	0.5 $\mu\text{g/mL}$	ICP / ICP-MS	3105a
magnesium	100.0	$\pm$	0.5 $\mu\text{g/mL}$	ICP / ICP-MS	3131a
cobalt	100.0	$\pm$	0.5 $\mu\text{g/mL}$	ICP / ICP-MS	3113
indium	100.0	$\pm$	0.5 $\mu\text{g/mL}$	ICP / ICP-MS	3124a
lead	100.0	$\pm$	0.5 $\mu\text{g/mL}$	ICP / ICP-MS	3128

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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