



# Certificate of Analysis

ICP-MS Calibration Standard #5  
Mercury at 10 µg/mL

Catalog Number: IMS-105  
Lot Number: P01307  
Job Number: J00015663  
Lot Issue Date: 12/18/2012  
Expiration Date: 01/31/2016

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  $\pm 2.5\%$ , 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
* mercury	10.00	$\pm$	0.05 µg/mL	ICP / ICP-MS	3133

Matrix: 5% 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 9001 Registered Quality System – TUV USA

  
William J. Leary  
Quality Assurance Manager