



# Certificate of Analysis

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

**Catalog Number: IMS-121**  
**Lot Number: CM-1912**  
**Lot Issue Date: 04/17/2015**  
**Expiration Date: 05/31/2018**

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
* mercury	10.0 ± 0.1 µg/mL	ICP / ICP-MS	3133

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

\* *light sensitive*

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 9001 Registered Quality System – TUV USA

  
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