

## Certificate of Analysis

**Mercury**  
**AA Standard**

**Catalog Number: IAA-080**  
**Lot Number: P01048**  
**Job Number: J00015373**  
**Lot Issue Date: 10/12/2012**  
**Expiration Date: 11/30/2019**

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	10005 ± 50 µg/mL	ICP / ICP-MS	3133

Matrix: 2% 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 ULTRA grade 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.

**-Density of Solution (measured at 20.00°C ± 0.05°C): 1.0227 g/mL**



ISO 17025:2005  
Accredited  
A2LA  
Cert. No. 0851.01

ISO 9001:2000  
Registered  
TUV USA, Inc.  
Cert. No. 06-1004



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