

Certificate of Analysis

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

Catalog Number: IMS-121
Lot Number: CS-2385
Lot Issue Date: 05/09/2018
Expiration Date: 06/30/2021

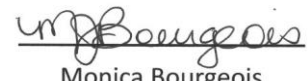
This Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO Guide 34 / ISO 17025 accredited laboratory, and compared to calibration standards independently prepared using NIST 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: 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 ULTRAgrade standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001.


John Russo
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ISO 9001 Registered Quality System – TUV USA