

Certificate of Analysis

TCLP Mercury Standard
Mercury Standard at 20 µg/mL

Catalog Number: ICM-642
Lot Number: CP-5895
Lot Issue Date: 12/05/2016
Expiration Date: 01/31/2020

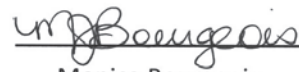
This Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO Guide 34 / ISO 17025 accredited laboratory, and compared to calibration standards independently prepared using NIST 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*	20.0 ± 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 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.


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