Certificate of Analysis

TCLP Mercury Standard

Mercury Standard at 20 µg/mL

Catalog Number: ICM-642

Lot Number: 0006534434

Lot Issue Date: 04/21/2020

Expiration Date: 05/31/2023

This Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO 17034 / 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	20.1 ± 0.1 µg/mL	ICP / ICP-OES	3133

Matrix: 2% nitric acid in low TOC water (< 50 ppb)

light sensitive

Agilent uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of these 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.

Monica Bourgeois
QMS Representative

ISO 17034 Cert No.
AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026
registered ISO 9001 Quality Management System

ISO 17025 Cert No.
AT-1937