Certificate of Analysis

EPA Method 6020A
Tuning Standard

Catalog Number: ICM-638
Lot Number: 0006461581
Lot Issue Date: 04/19/2019
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 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
cobalt	10.0	±	0.1	µg/mL	ICP / ICP-OES	3113
indium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3124a
lithium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3129a
thallium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3158

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

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

ANAB ACCREDITED ISO GUIDE 34 REFERENCE MATERIAL PRODUCER
ISO Guide 34 Cert No. AR-1936

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

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO17025 Cert No. AT-1937