Certificate of Analysis

EM 200.7 LPC
Standard B

Catalog Number: ICM-240B
Lot Number: 0006533859
Lot Issue Date: 04/21/2020
Expiration Date: 05/31/2021

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
antimony	200.0	±	1.0	µg/mL	ICP / ICP-OES	3102a
molybdenum	200.3	±	1.0	µg/mL	ICP / ICP-OES	3134
silicon	1001	±	5	µg/mL	ICP / ICP-OES	3150
tin	200.1	±	1.0	µg/mL	ICP / ICP-OES	3161a
titanium	200.1	±	1.0	µg/mL	ICP / ICP-OES	3162a

Matrix: 5% nitric acid, trace hydrofluoric acid, trace tartaric 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 this standard. 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 17025 Cert No.
AT-1937

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