# Certificate of Analysis

**EM 200.7 LPC**
**Standard B**

**Catalog Number: ICM-240B**
**Lot Number: 0006536756**
**Lot Issue Date: 04/30/2020**
**Expiration Date: 09/30/2021**

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 | 1000 | ± | 5 | µg/mL | ICP / ICP-OES | 3150 |
| tin | 200.1 | ± | 1.0 | µg/mL | ICP / ICP-OES | 3161a |
| titanium | 200.0 | ± | 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

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026
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