# Certificate of Analysis

**EPA Method 200.7 Mixed Calibration Std #4**

**Catalog Number: ICM-234**
**Lot Number: 0006529532**
**Lot Issue Date: 04/01/2020**
**Expiration Date: 04/30/2023**

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. The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

| Analyte | True Value | | | | Analytical Method | NIST SRM |
|---|---|---|---|---|---|---|
| aluminum | 100.1 | ± | 0.5 | µg/mL | ICP / ICP-OES | 3101a |
| chromium | 50.0 | ± | 0.3 | µg/mL | ICP / ICP-OES | 3112a |
| silicon | 100.0 | ± | 0.5 | µg/mL | ICP / ICP-OES | 3150 |
| tin | 40.0 | ± | 0.2 | µg/mL | ICP / ICP-OES | 3161a |
| zinc | 50.0 | ± | 0.3 | µg/mL | ICP / ICP-OES | 3168a |

Matrix: 2% nitric acid, with trace hydrofluoric 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 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

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

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