



# Certificate of Analysis ISO 17034

**IC Anions Mixture #2**

**Catalog Number: ICC-210**

**Lot Number: 0006471722**

**Lot Issue Date: 06/12/2019**

**Expiration Date: 07/31/2022**

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	
bromide	400.7	±	2.0	µg/mL	IC	3184
chloride	200.1	±	1.0	µg/mL	IC	3182
fluoride	100.1	±	0.5	µg/mL	IC	3183
nitrate	400.6	±	2.0	µg/mL	IC	3185
phosphate	600.4	±	3.0	µg/mL	IC	3186
sulfate	400.5	±	2.0	µg/mL	IC	3181

**Matrix:** 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/NCCL 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



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AT-1937