



Certificate of Analysis ISO Guide 34

Custom Standard

Catalog Number: ICUS-3271

Lot Number: CS-5037

Release Date: 10/17/2018

Expiration Date: 11/30/2020

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	
fluoride	1001	±	5	µg/mL	IC	3183
chloride	1001	±	5	µg/mL	IC	3182
nitrate (as N)	1001	±	5	µg/mL	IC	3185
bromide	1002	±	5	µg/mL	IC	3184
sulfate	1001	±	5	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.

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