

Certificate of Analysis

Custom Standard

Catalog Number: ICUS-3271

Lot Number: CR-1771

Lot Issue Date: 04/18/2017

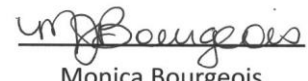
Expiration Date: 5/31/2019

This Reference Material (RM) was manufactured and verified in accordance with ULTRA'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	1002	±	5	µg/mL	IC	3183
chloride	1002	±	5	µg/mL	IC	3182
nitrate (as N)	1001	±	5	µg/mL	IC	3185
bromide	1002	±	5	µg/mL	IC	3184
sulfate	1005	±	5	µg/mL	IC	3181

Matrix: low TOC water (< 50 ppb)

ULTRA uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of ULTRA grade 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.


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