

Certificate of Analysis

Custom Standard

Catalog Number: ICUS-3271

Lot Number: CS-2855

Lot Issue Date: 05/23/2018

Expiration Date: 06/30/2020

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.

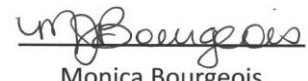
Analyte	True Value	Analytical Method	NIST SRM
fluoride	1001 ± 5 µg/mL	IC	3183
chloride	1001 ± 5 µg/mL	IC	3182
nitrate (as N)	1001 ± 5 µg/mL	IC	3185
bromide	1002 ± 5 µg/mL	IC	3184
sulfate	1001 ± 5 µg/mL	IC	3181

Matrix: low TOC water (< 50 ppb)

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



John Russo
President



Monica Bourgeois
Director of QA/RA



ISO 9001 Registered Quality System