

Certificate of Analysis

IC Anions Mixture #2

Catalog Number: ICC-210

Lot Number: R00348

Job Number: J00016155

Lot Issue Date: 04/11/2013

Expiration Date: 05/31/2016

This Certified Reference Material (CRM) 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
bromide	400.7	±	2.0 µg/mL	IC	3184
chloride	200.1	±	1.0 µg/mL	IC	3182
fluoride	100.0	±	0.5 µg/mL	IC	3183
nitrate	400.6	±	2.0 µg/mL	IC	3185
phosphate	600.6	±	3.0 µg/mL	IC	3186
sulfate	400.5	±	2.0 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 ULTRAgade 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.



ISO 17025:2005
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Cert. No. 0851.01

ISO 9001:2000
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