

# Certificate of Analysis

**IC Anions Mixture #2**

**Catalog Number: ICC-210**

**Lot Number: CL-3402**

**Lot Issue Date: 09/02/2014**

**Expiration Date: 09/30/2017**

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	400.4	±	2.0	µg/mL	IC	3184
chloride	200.3	±	1.0	µg/mL	IC	3182
fluoride	100.2	±	0.5	µg/mL	IC	3183
nitrate	400.4	±	2.0	µg/mL	IC	3185
phosphate	601.1	±	3.0	µg/mL	IC	3186
sulfate	400.4	±	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 ULTRAgrade standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NC SL Z-540-1 and ISO 9001.



ISO 17025:2005  
Accredited  
A2LA  
Cert. No. 0851.01

ISO 9001:2000  
Registered  
TUV USA, Inc.  
Cert. No. 06-1004



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