

## Certificate of Analysis

IC Anions Mixture #1

Catalog Number: ICC-200

Lot Number: R00858

Job Number: J00016813

Lot Issue Date: 08/15/2013

Expiration Date: 9/30/2017

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
chloride	30.00	± 0.15	µg/mL	IC	3182
fluoride	20.00	± 0.10	µg/mL	IC	3183
nitrate	100.0	± 0.5	µg/mL	IC	3185
phosphate	150.0	± 0.8	µg/mL	IC	3186
sulfate	150.0	± 0.8	µg/mL	IC	3181

Matrix: low TOC water (&lt; 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/NCSL Z-540-1 and ISO 9001.



ISO 17025:2005  
Accredited  
A2LA  
Cert. No. 0851.01

ISO 9001:2000  
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TUV USA, Inc.  
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