

Certificate of Analysis

Mix Anioni (7 analiti)

Catalog Number: ITA-20

Lot Number: CM-6342

Lot Issue Date: 12/21/2015

Expiration Date: 01/31/2018

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	
fluoride	50.2	±	0.3	µg/mL	IC	3183
chloride	100.5	±	0.5	µg/mL	IC	3182
nitrate (as N)	50.1	±	0.3	µg/mL	IC	3185
phosphate (as P) (inorganic)	50.0	±	0.3	µg/mL	IC	3186
sulfate	100.1	±	0.5	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.