

Certificate of Analysis

Mix Anioni (7 analiti)

Catalog Number: ITA-20

Lot Number: CP-2695

Lot Issue Date: 06/06/2016

Expiration Date: 07/31/2018

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	50.1	±	0.3	µg/mL	IC	3152a
chloride	100.1	±	0.5	µg/mL	IC	3182
nitrate (as N)	50.1	±	0.3	µg/mL	IC	3185
phosphate (as P) (inorganic)	50.1	±	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/NCCL Z-540-1 and ISO 9001.