

Certificate of Analysis

Mix Anioni (7 analiti)

Catalog Number: ITA-20

Lot Number: CP-1767

Lot Issue Date: 04/18/2016

Expiration Date: 05/31/2018

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 | 3183 |
| chloride | 100.0 | ± | 0.5 | µg/mL | IC | 3182 |
| nitrate (as N) | 50.1 | ± | 0.3 | µg/mL | IC | 3185 |
| phosphate (as P) (inorganic) | 50.2 | ± | 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.