

Certificate of Analysis

Custom Standard**Catalog Number: ICUS-3377****Lot Number: CM-6111****Lot Issue Date: 12/03/2015****Expiration Date: 12/31/2017**

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 | 10.0 ± 0.1 mg/L | IC | 3182 |

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/NCSL Z-540-1 and ISO 9001.