ULTRAgrade™ Ion Chromatography Solution: 1000 µg/mL Nitrite
Catalog Number: ICC-007
Lot Number: T00301
Job Number: J00017877
Lot Issue Date: 03/20/2014
Expiration Date: 04/30/2015
Starting Material: sodium nitrite
Starting Material Purity: 98.7%
Starting Material Lot #: BH01907
Matrix: Water, low TOC (<50 ppb)

Certified Value: 1001 ± 2 µg/mL

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentrations were prepared and verified by our ISO 17025 accredited laboratory to be within ± 2.5 %, when 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.

Confirmation by Ion Conductivity (IC) vs. second source (CRM)

Confirmation by Ion Conductivity (IC) vs. NIST SRM 3152a
ULTRA uses purified acids, 18 megohm double deionized water, calibrated Class A glassware & 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.