

Certificate of Analysis

ULTRAgrade™ Ion Chromatography Solution: 1000 µg/mL Iodide in low TOC water (< 50 ppb)
Catalog Number: ICC-020
Lot Number: T00229
Job Number: J00017797
Lot Issue Date: 02/28/2014
Expiration Date: 03/31/2018

Starting Material: potassium iodide
Starting Material Purity: 99.8%
Starting Material Lot No.: BH00915
Matrix: low TOC water (< 50 ppb)

Certified Value: 1002 ± 2 µg/mL

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.

Confirmation by Ion Conductivity (IC) vs. Second Source (CRM)

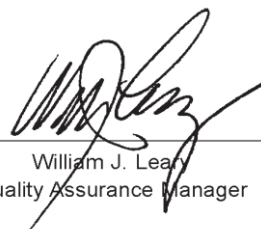
Confirmation by Inductively Coupled Plasma Spectroscopy (ICP / ICP-MS) vs. NIST SRM 3141a

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.



ISO 17025:2005
Accredited
A2LA
Cert. No. 0851.01

ISO 9001:2000
Registered
TUV USA, Inc.
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