

ULTRAGrade™ Ion Chromatography Solution: 1000 µg/mL Magnesium in water

Catalog Number: ICC-105

Lot Number: CL-3048

Lot Issue Date: 08/07/2014

Expiration Date: 09/30/2018

Starting Material: magnesium nitrate hexahydrate

Starting Material Purity: 99.999%

Starting Material Lot No.: RM07690

Matrix: trace (0.2%) nitric acid in low TOC water (< 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 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.

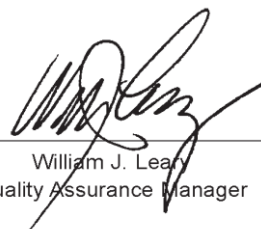
Confirmation by Inductively Coupled Plasma Spectroscopy (ICP / ICP-MS) vs. NIST SRM 3131a

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/NCCL Z-540-1 and ISO 9001.



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