



Certificate of Analysis

Lithium
AA Standard

Catalog Number: IAA-203
Lot Number: K00461
Job Number: J00009802
Lot Issue Date: 05/14/2009
Expiration Date: 06/30/2016

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentrations were verified by our ISO 17025 accredited laboratory to be within $\pm 2.5\%$, when compared to calibration standards independently prepared using NIST SRM(s). The certified value and uncertainty value for each analyte is determined gravimetrically.

Analyte	True Value	Analytical Method	NIST SRM
lithium	1002 $\pm$ 5 $\mu\text{g/mL}$	ICP / ICP-MS	3129a

Matrix: 2% nitric acid in low TOC water (< 50 ppb)

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
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A2LA
Cert. No. 0851.01

ISO 9001:2000
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