

Certificate of Analysis

**Uranium
AA Standard**

**Catalog Number: IAA-092
Lot Number: K00154
Job Number: J00009508
Lot Issue Date: 02/18/2009
Expiration Date: 03/31/2016**

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
uranium	10000	\pm	50 $\mu\text{g/mL}$	ICP / ICP-MS	3164

Matrix: 1% nitric acid in low TOC water (< 50 ppb)

ULTRA uses purified acids, 18 megohm double deionized water, calibrated Class A glassware and cleaned bottles in the manufacture of ULTRAgrade standards. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001.



ISO 17025:2005
Accredited
A2LA
Cert. No. 0851.01

ISO 9001:2000
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