



Certificate of Analysis

Holmium
AA Standard

Catalog Number: IAA-267
Lot Number: K00921
Job Number: J00010325
Lot Issue Date: 09/08/2009
Expiration Date: 10/31/2016

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below

Analyte	True Value				Analytical Method	NIST SRM
holmium	1000	±	5	µg/mL	ICP / ICP-MS	3123a

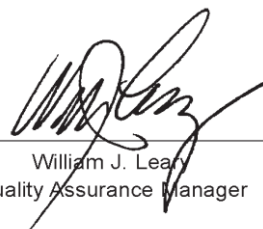
Matrix: 1% nitric acid in low TOC water (< 50 ppb)

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
Accredited
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