



Certificate of Analysis

ICP/MS Internal Standard Solution

Catalog Number: IMS-114

Lot Number: CS-0078

Lot Issue Date: 01/11/2018

Expiration Date: 02/28/2025

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.


Analyte	True Value	Analytical Method	NIST SRM
terbium	100.0 ± 0.5 µg/mL	ICP / ICP-MS	3157

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

ULTRA uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of ULTRAggrade 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.




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ISO 9001 Registered Quality System – TUV USA