

Certificate of Analysis

Mixed Standard Solution III
EPA Method 6010A

Catalog Number: ICM-603
Lot Number: R00335
Lot Issue Date: 04/09/2013
Expiration Date: 05/31/2017

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
molybdenum	100.0	±	0.5 µg/mL	ICP / ICP-MS	3134
arsenic	500.0	±	2.5 µg/mL	ICP / ICP-MS	3103a

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

ULTRA uses purified acids, 18 megohm-cm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of ULTRA grade 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.