

Certificate of Analysis

EPA Method 6020A
Interference Check Standard B

Catalog Number: ICM-636
Lot Number: CS-1076
Lot Issue Date: 03/08/2018
Expiration Date: 04/30/2022

This Reference Material (RM) 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.

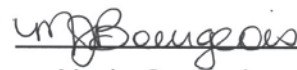
Analyte	True Value				Analytical	NIST
					Method	SRM
silver*	5.00	±	0.03	µg/mL	ICP / ICP-MS	3151
arsenic	10.0	±	0.1	µg/mL	ICP / ICP-MS	3103
cadmium	10.0	±	0.1	µg/mL	ICP / ICP-MS	3108
cobalt	20.0	±	0.1	µg/mL	ICP / ICP-MS	3113
chromium	20.0	±	0.1	µg/mL	ICP / ICP-MS	3112
copper	20.0	±	0.1	µg/mL	ICP / ICP-MS	3114
manganese	20.0	±	0.1	µg/mL	ICP / ICP-MS	3132
nickel	20.0	±	0.1	µg/mL	ICP / ICP-MS	3136
selenium	10.0	±	0.1	µg/mL	ICP / ICP-MS	3149
vanadium*	20.0	±	0.1	µg/mL	ICP / ICP-MS	3165
zinc	10.0	±	0.1	µg/mL	ICP / ICP-MS	3168

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

**light sensitive*

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.


 John Russo
 President


 Monica Bourgeois
 Director of QA/RA



ISO 9001 Registered Quality System – TUV USA