



Certificate of Analysis

Custom Standard

Catalog Number: ICUS-1764

Lot Number: CP-4951

Lot Issue Date: 09/28/2016

Expiration Date: 10/31/2017

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. The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

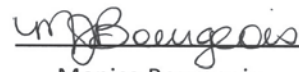
Analyte	True Value				Analytical Method	NIST SRM
copper	2.00	±	0.01	mg/L	ICP/ICP-MS	3114
iron	2.00	±	0.01	mg/L	ICP/ICP-MS	3126a
lead	2.00	±	0.01	mg/L	ICP/ICP-MS	3128
zinc	2.00	±	0.01	mg/L	ICP/ICP-MS	3168a
nickel	2.00	±	0.01	mg/L	ICP/ICP-MS	3136
sodium	2.00	±	0.01	mg/L	ICP/ICP-MS	3152a
* silver	2.00	±	0.01	mg/L	ICP/ICP-MS	3151

Matrix: 5% nitric acid in low TOC water (< 50 ppb)

** light sensitive*

ULTRA uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and 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