

Certificate of Analysis

EPA Method 200.7 Interference Check Std#4

Catalog Number: ICM-224

Lot Number: CP-2316

Lot Issue Date: 05/12/2016

Expiration Date: 06/30/2020

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	NIST
					Method	SRM
aluminum	3004	±	15	µg/mL	ICP / ICP-MS	3101a
calcium	15011	±	75	µg/mL	ICP / ICP-MS	3109a
iron	12504	±	63	µg/mL	ICP / ICP-MS	3126a
magnesium	7504	±	38	µg/mL	ICP / ICP-MS	3131a
sodium	2504	±	13	µg/mL	ICP / ICP-MS	3152a

Matrix: 10% 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 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.