

Certificate of Analysis

EPA Method 6020A
Interference Check Standard A

Catalog Number: ICM-635
Lot Number: CS-1125
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Expiration Date: 04/30/2020

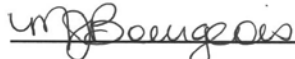
This Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO Guide 34 / ISO 17025 accredited laboratory and compared to calibration standards independently prepared using NIST 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
aluminum	999.9	±	5	µg/mL	ICP/ ICP-MS 3101
carbon	2002	±	10	µg/mL	gravimetric ANSI/NCSLZ-540-1
calcium	3004	±	15	µg/mL	ICP/ ICP-MS 3109
chloride	21226	±	106	µg/mL	IC 3182
iron	2501	±	13	µg/mL	ICP/ ICP-MS 3126
potassium	1001	±	5	µg/mL	ICP/ ICP-MS 3141
magnesium	1000	±	5	µg/mL	ICP/ ICP-MS 3131
molybdenum	20.0	±	0.1	µg/mL	ICP/ ICP-MS 3134
sodium	2501	±	13	µg/mL	ICP/ ICP-MS 3152
phosphorus	1001	±	5	µg/mL	ICP/ ICP-MS 3139
sulfur	999.7	±	5	µg/mL	ICP/ ICP-MS 3154
titanium	20.0	±	0.1	µg/mL	ICP/ ICP-MS 3162

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

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
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ISO 9001 Registered Quality System – TUV USA