

Certificate of Analysis ISO Guide 34

Tuning Solution Low Concentration

Product Number: CICM-699

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Lot Number: CS-4120

Lot Issue Date: 10-Aug-2018

Expiration Date: 30-Sep-2020

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent Technologies ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
lithium carbonate (ICP grade) (as lithium)	000554-13-2	RM07634	1.00 ± 0.01 µg/L
yttrium oxide (ICP grade) (as yttrium)	001314-36-9	RM13832	1.00 ± 0.01 µg/L
cerium (III) nitrate (ICP grade) (as cerium)	010294-41-4	RM09055	1.00 ± 0.01 µg/L
thallium (I) nitrate (ICP grade) (as thallium)	010102-45-1	RM07900	1.00 ± 0.01 µg/L
cobalt nitrate hexahydrate (ICP grade) (as cobalt)	010026-22-9	RM10787	1.00 ± 0.01 µg/L
magnesium nitrate hexahydrate (ICP grade) (as magnesium)	013446-18-9	RM10800	1.00 ± 0.01 µg/L

Matrix: water with dilute nitric acid

Storage: Store at Room Temperature (15° to 30°C).

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NC SL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.


Monica Bourgeois
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