

Certificate of Analysis

Custom Standard

Product Number: CUS-12424

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Lot Number: CP-0010

Lot Issue Date: 05-Jan-2016

Expiration Date: 31-May-2016

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's 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
caffeine	000058-08-2	RM06719	100.5 ± 0.5 mg/L
sodium benzoate (as benzoate)	000532-32-1	RM07734	200.6 ± 1.0 mg/L
potassium sorbate (as sorbate)	000590-00-1	RM04774	100.0 ± 0.5 mg/L
aspartame	022839-47-0	RM04477	501.3 ± 2.5 mg/L

Matrix: water/ethanol (92:8)

Storage: Store Refrigerated (2° to 8°C), Do Not Freeze.

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