



# Certificate of Analysis

## Custom Standard

**Product Number:** CUS-4262

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**Lot Number:** CR-3020

**Lot Issue Date:** 29-Jun-2017

**Expiration Date:** 31-Jul-2019

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
bromochloromethane	000074-97-5	NT00380	2010 ± 10 µg/mL
t-butanol (2-methyl-2-propanol)	000075-65-0	RM01883	20082 ± 100 µg/mL
carbon disulfide	000075-15-0	RM08158	2009 ± 10 µg/mL
1-chlorohexane	000544-10-5	RM04263	2009 ± 10 µg/mL
cyclohexane	000110-82-7	RM05278	2009 ± 10 µg/mL
diisopropyl ether	000108-20-3	RM04407	2008 ± 10 µg/mL
1,4-dioxane	000123-91-1	RM00526	40132 ± 201 µg/mL
trans-1,4-dichloro-2-butene	000110-57-6	RM07444	2010 ± 10 µg/mL
ethyl tert-butyl ether	000637-92-3	RM05137	2010 ± 10 µg/mL
iodomethane	000074-88-4	RM01378	2009 ± 10 µg/mL
1,1,2-trichlorotrifluoroethane	000076-13-1	RM04848	2001 ± 10 µg/mL
methyl acetate	000079-20-9	NT02091	10045 ± 50 µg/mL
methylcyclohexane	000108-87-2	RM04641	2010 ± 10 µg/mL
MTBE	001634-04-4	RM06568	2009 ± 10 µg/mL
2-nitropropane	000079-46-9	RM12249	10043 ± 50 µg/mL
tetrahydrofuran	000109-99-9	RM07341	2010 ± 10 µg/mL
TAME	000994-05-8	RM00554	2009 ± 10 µg/mL
n-hexane	000110-54-3	RM04565	2009 ± 10 µg/mL
benzyl chloride	000100-44-7	RM01815	2010 ± 10 µg/mL

**Matrix:** methanol (methyl alcohol)

**Storage:** Store Frozen (-25° to -10°C).

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.



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