



Certificate of Analysis

Haloacetic Acid Mixture

Product Number: PHM-565-1

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Lot Number: CS-1971

Lot Issue Date: 17-Apr-2018

Expiration Date: 31-May-2020

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. 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
trichloroacetic acid	000076-03-9	RM04580	1000 ± 5 µg/mL
dibromoacetic acid	000631-64-1	RM04579	1005 ± 5 µg/mL
chloroacetic acid	000079-11-8	RM12366	1001 ± 5 µg/mL
dichloroacetic acid	000079-43-6	RM04583	1000 ± 5 µg/mL
bromoacetic acid	000079-08-3	RM04589	1002 ± 5 µg/mL

Matrix: methyl tert-butyl ether (MTBE)

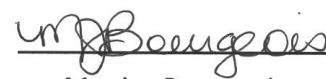
Storage: Store at Room Temperature (15° to 30°C).

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.



ISO 9001
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