



CERTIFIED WEIGHT REPORT

**Part Number:** 30107  
**Lot Number:** 040723  
**Description:** EPA Method 552.2 - Haloacetic Acids  
 10 components  
**Expiration Date:** 040725  
**Recommended Storage:** Freezer (0 °C)  
**Nominal Concentration (µg/mL):** 100  
**NIST Test ID#:** 6UTB

**Solvent:** MTBE  
**Lot#:** 263133

Volume(s) shown below were combined and diluted to (mL): 100.0 0.031 Balance Uncertainty Flask Uncertainty

		040723
Formulated By:	Benson Chan	DATE
		040723
Reviewed By:	Pedro L. Rentas	DATE

Expanded **SDS Information**  
(Solvent Safety Info. On Attached pg.)

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
1. Chloroacetic acid	70887	021623	0.10	10.00	0.042	1001.4	100.1	1.1	79-11-8	N/A	ori-rat 580mg/kg
2. Dichloroacetic acid	70888	030923	0.10	10.00	0.042	1001.4	100.1	1.1	79-43-6	N/A	ori-rat 2820mg/kg
3. Trichloroacetic acid	70889	072922	0.10	10.00	0.042	1005.0	100.5	1.1	76-03-9	N/A	ori-rat 3320mg/kg
4. Bromoacetic acid	70890	100322	0.10	10.00	0.042	1001.0	100.1	1.1	79-08-3	N/A	ori-mus 100mg/kg
5. Dibromoacetic acid	70892	100322	0.10	10.00	0.042	1001.7	100.1	1.1	631-64-1	N/A	N/A
6. Tribromoacetic acid	71398	031023	0.10	10.00	0.042	1004.8	100.4	1.2	75-96-7	N/A	N/A
7. Bromochloroacetic acid	70891	100322	0.10	10.00	0.042	1002.2	100.2	1.1	5589-96-8	N/A	N/A
8. Chlorodibromoacetic acid	71410	040723	0.10	10.00	0.042	1004.1	100.4	1.2	5278-95-5	N/A	N/A
9. Bromodichloroacetic acid	71415	040723	0.10	10.00	0.042	1002.2	100.2	1.2	71133-14-7	N/A	N/A
10. Dalapon	31154	030123	0.10	10.00	0.042	1003.1	100.3	1.5	75-99-0	N/A	ori-rat 970mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).