

Methods 552, 552.1, 552.2, 552.3 (Haloacetic Acids and Dalapon) *cont'd*

**Haloacetic Acid Mix #2** (9 components)

bromochloroacetic acid	400µg/mL	monobromoacetic acid	400
bromodichloroacetic acid	400	monochloroacetic acid	600
chlorodibromoacetic acid	1,000	tribromoacetic acid	2,000
dibromoacetic acid	200	trichloroacetic acid	200
dichloroacetic acid	600		

In methyl *tert*-butyl ether, 1mL/ampul  
cat. # 31646 (ea.)

**Haloacetic Acid Methyl Ester Mix #2** (9 components)

methyl bromochloroacetate	400µg/mL	methyl monobromoacetate	400
methyl bromodichloroacetate	400	methyl monochloroacetate	600
methyl chlorodibromoacetate	1,000	methyl tribromoacetate	2,000
methyl dibromoacetate	200	methyl trichloroacetate	200
methyl dichloroacetate	600		

In methyl *tert*-butyl ether, 1mL/ampul  
cat. # 31647 (ea.)

**Dalapon (2,2-dichloropropionic acid)**

dalapon			
1,000µg/mL in acetonitrile, 1mL/ampul			cat. # 32432 (ea.)
1,000µg/mL in methanol, 1mL/ampul			cat. # 32253 (ea.)
2,000µg/mL in methanol, 1mL/ampul			cat. # 32056 (ea.)

**Dalapon Methyl Ester**

dalapon methyl ester			
1,000µg/mL in methanol, 1mL/ampul			cat. # 32254 (ea.)
2,000µg/mL in hexane, 1mL/ampul			cat. # 32057 (ea.)

**Internal Standards and Surrogates**

Volume is 1mL/ampul. Concentration is µg/mL.

Compound	Solvent	Conc.	cat.# (ea.)	price
<b>Internal Standard:</b>				
1,2,3-trichloropropane	MTBE	1,000	31648	
<b>Surrogates for Method 552, 552.1:</b>				
2,3-dichloropropionic acid	MTBE	1,000	31650	
3,5-dichlorobenzoic acid	MTBE	1,000	31652	
3,5-dichlorobenzoic acid methyl ester	MTBE	1,000	31649	
2,3-dichloropropionic acid methyl ester	MTBE	1,000	31651	
<b>Surrogates for Method 552.2:</b>				
2-bromopropionic acid	MTBE	1,000	31653	
2,3-dibromopropionic acid	MTBE	1,000	31655	
methyl-2,3-dibromopropionate	MTBE	1,000	31656	
<b>Surrogates for Method 552.3:</b>				
2-bromobutanoic acid	MTBE	2,000	31881	
2-bromobutyrate	MTBE	2,000	31882	

MTBE = methyl *tert*-butyl ether

Method 555 (Chlorinated Acids)

**Chlorinated Acids by HPLC, Mix A** (8 components)

acifluorfen (Blazer)	dicamba
bentazon	dichlorprop
chloramben	picloram
2,4-D	2,4,5-TP (Silvex)
1,000µg/mL each in acetonitrile, 1mL/ampul	
cat. # 32431 (ea.)	

**Chlorinated Acids by HPLC, Mix B** (8 components)

2,4-DB	MCPP (mecoprop)
3,5-dichlorobenzoic acid	4-nitrophenol
dinoseb	pentachlorophenol
MCPA	2,4,5-T
1,000µg/mL each in acetonitrile, 1mL/ampul	
cat. # 32430 (ea.)	

**Chlorinated Acid Herbicide Mix** (2 components)

2,4-dichlorophenoxyacetic acid (2,4-D)	
2,4,5-TP (Silvex)	
1,000µg/mL each in acetonitrile, 1mL/ampul	
cat. # 32429 (ea.)	

**Drinking Water Odor Standard**

Unpleasant odor in drinking water is associated with the growth and decay of microorganisms. The threshold value for these compounds is low (10 ppt) and purge and trap analyses usually are used to quantify them.

(+/-)-geosmin	2-methylisoborneol
100µg/mL in P&T methanol, 1mL/ampul	
cat. # 30608 (ea.)	

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