

EPA Methods

EPA methods 500 for Drinking Water

The 500 Series product line contains standards used in proposed and promulgated methods for the identification and quantification of organic compounds in drinking water. The organic compounds listed in the various methods include volatile organic compounds (VOCs), pesticides, synthetic organic compounds (SOCs), and trihalomethane disinfection by-products. Analytical techniques used in the identification and quantification of the above compounds include gas chromatography with selective detectors (PID, ELCD, ECD, FID, NPD, FPD), gas chromatography/mass spectrometry and high performance liquid chromatography.

EPA method 501

Trihalomethane Analysis

Method 501 is a purge and trap method for measurement of total trihalomethanes in raw source water, or drinking water in any stage of treatment, and in finished drinking water by gas chromatograph.

Trihalomethanes Standard Solution - 4 components

Bromodichloromethane	CAS:75-27-4	Chloroform	CAS:67-66-3	Dibromochloromethane	CAS:124-48-1
Bromoform	CAS:75-25-2				
Solvent : Methanol purge & trap					
	ampoule 1 ml	100 µg/ml	Ref : F112711	Price : CF	
	ampoule 1 ml	200 µg/ml	Ref : F112721	Price : CF	
	ampoule 1 ml	2 000 µg/ml	Ref : F112741	Price : CF	
	ampoule 1 ml	5 000 µg/ml	Ref : F112731	Price : DA	

EPA method 502

Volatile Organic Compounds in Water

EPA Method 502.1 identifies volatile halogenated organic compounds, in water, by purge and trap gas chromatography.

EPA Method 502.2 is an enhanced and expanded version 502.1. It is a general purpose method for the identification and measurement of purgeable volatile organic compounds in finished drinking water, raw source water, or drinking water in any treatment stage.

Aromatic Halocarbons Mixture - 9 components

Bromobenzene	CAS:108-86-1	4-Chlorotoluene	CAS:106-43-4	1,4-Dichlorobenzene	CAS:106-46-7
Chlorobenzene	CAS:108-90-7	1,2-Dichlorobenzene	CAS:95-50-1	1,2,3-Trichlorobenzene	CAS:87-61-6
2-Chlorotoluene	CAS:95-49-8	1,3-Dichlorobenzene	CAS:541-73-1	1,2,4-Trichlorobenzene	CAS:120-82-1
Solvent : Methanol purge & trap					
	ampoule 1 ml	200 µg/ml	Ref : F113011	Price : DF	

Aromatic Hydrocarbons Mixture - 16 components

Benzene	CAS:71-43-2	4-Isopropyltoluene	CAS:99-87-6	1,3,5-Trimethylbenzene	CAS:108-67-8
n-Butylbenzene	CAS:104-51-8	Naphthalene	CAS:91-20-3	m-Xylene	CAS:108-38-3
sec-Butylbenzene	CAS:135-98-8	n-Propylbenzene	CAS:103-65-1	o-Xylene	CAS:95-47-6
tert-Butylbenzene	CAS:98-06-6	Styrene	CAS:100-42-5	p-Xylene	CAS:106-42-3
Ethylbenzene	CAS:100-41-4	Toluene	CAS:108-88-3		
Isopropylbenzene	CAS:98-82-8	1,2,4-Trimethylbenzene	CAS:95-63-6		
Solvent : Methanol purge & trap					
	ampoule 1 ml	200 µg/ml	Ref : F113001	Price : FA	

Aromatics Volatile Organics Mixture - 25 components

Benzene	CAS:71-43-2	1,3-Dichlorobenzene	CAS:541-73-1	1,2,3-Trichlorobenzene	CAS:87-61-6
Bromobenzene	CAS:108-86-1	1,4-Dichlorobenzene	CAS:106-46-7	1,2,4-Trichlorobenzene	CAS:120-82-1
n-Butylbenzene	CAS:104-51-8	Ethylbenzene	CAS:100-41-4	1,2,4-Trimethylbenzene	CAS:95-63-6
sec-Butylbenzene	CAS:135-98-8	Isopropylbenzene	CAS:98-82-8	1,3,5-Trimethylbenzene	CAS:108-67-8
tert-Butylbenzene	CAS:98-06-6	4-Isopropyltoluene	CAS:99-87-6	o-Xylene	CAS:95-47-6
Chlorobenzene	CAS:108-90-7	Naphthalene	CAS:91-20-3	m-Xylene	CAS:108-38-3
2-Chlorotoluene	CAS:95-49-8	n-Propylbenzene	CAS:103-65-1	p-Xylene	CAS:106-42-3
4-Chlorotoluene	CAS:106-43-4	Styrene	CAS:100-42-5		
1,2-Dichlorobenzene	CAS:95-50-1	Toluene	CAS:108-88-3		
Solvent : Methanol purge & trap					
	ampoule 1 ml	100 µg/ml	Ref : F113021	Price : EF	
	ampoule 1 ml	200 µg/ml	Ref : F113031	Price : EF	
	ampoule 1 ml	2 000 µg/ml	Ref : F113051	Price : HA	

Haloalkanes Mixture - 35 components

Bromochloromethane	CAS:74-97-5	Dichlorodifluoromethane	CAS:75-71-8	Hexachlorobutadiene	CAS:87-68-3
Bromodichloromethane	CAS:75-27-4	1,1-Dichloroethane	CAS:75-34-3	Methylene chloride	CAS:75-09-2
Bromoform	CAS:75-25-2	1,2-Dichloroethane	CAS:107-06-2	1,1,1,2-Tetrachloroethane	CAS:630-20-6
Bromomethane	CAS:74-83-9	1,1-Dichloroethene	CAS:75-35-4	1,1,2,2-Tetrachloroethane	CAS:79-34-5
Carbon tetrachloride	CAS:56-23-5	cis-1,2-Dichloroethene	CAS:156-59-2	Tetrachloroethene	CAS:127-18-4
Chloroethane	CAS:75-00-3	trans-1,2-Dichloroethene	CAS:156-60-5	1,1,1-Trichloroethane	CAS:71-55-6
Chloroform	CAS:67-66-3	1,2-Dichloropropane	CAS:78-87-5	1,1,2-Trichloroethane	CAS:79-00-5
Chloromethane	CAS:74-87-3	1,3-Dichloropropane	CAS:142-28-9	Trichloroethene	CAS:79-01-6
Dibromochloromethane	CAS:124-48-1	2,2-Dichloropropane	CAS:594-20-7	Trichlorofluoromethane	CAS:75-69-4
1,2-Dibromo-3-chloropropane	CAS:96-12-8	1,1-Dichloropropene	CAS:563-58-6	1,2,3-Trichloropropane	CAS:96-18-4
1,2-Dibromoethane	CAS:106-93-4	cis-1,3-Dichloropropene	CAS:10061-01-5	Vinyl chloride	CAS:75-01-4
Dibromomethane	CAS:74-95-3	trans-1,3-Dichloropropene	CAS:10061-02-6		
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112991	Price : KF

Haloethanes Mixture - 14 components

Chloroethane	CAS:75-00-3	cis-1,2-Dichloroethene	CAS:156-59-2	1,1,1-Trichloroethane	CAS:71-55-6
1,2-Dibromoethane	CAS:106-93-4	trans-1,2-Dichloroethene	CAS:156-60-5	1,1,2-Trichloroethane	CAS:79-00-5
1,1-Dichloroethane	CAS:75-34-3	1,1,1,2-Tetrachloroethane	CAS:630-20-6	Trichloroethene	CAS:79-01-6
1,2-Dichloroethane	CAS:107-06-2	1,1,2,2-Tetrachloroethane	CAS:79-34-5	Vinylchloride	CAS:75-01-4
1,1-Dichloroethene	CAS:75-35-4	Tetrachloroethene	CAS:127-18-4		
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112971	Price : FA

Halomethanes Mixture - 12 components

Bromochloromethane	CAS:74-97-5	Carbon tetrachloride	CAS:56-23-5	Dibromomethane	CAS:74-95-3
Bromodichloromethane	CAS:75-27-4	Chloroform	CAS:67-66-3	Dichlorodifluoromethane	CAS:75-71-8
Bromoform	CAS:75-25-2	Chloromethane	CAS:74-87-3	Methylene chloride	CAS:75-09-2
Bromomethane	CAS:74-83-9	Dibromochloromethane	CAS:124-48-1	Trichlorofluoromethane	CAS:75-69-4
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112961	Price : FA

Halopropanes Mixture - 9 components

1,2-Dibromo-3-chloropropane	CAS:96-12-8	2,2-Dichloropropane	CAS:594-20-7	trans-1,3-Dichloropropene	CAS:10061-02-6
1,2-Dichloropropane	CAS:78-87-5	1,1-Dichloropropene	CAS:563-58-6	Hexachlorobutadiene	CAS:87-68-3
1,3-Dichloropropane	CAS:142-28-9	cis-1,3-Dichloropropene	CAS:10061-01-5	1,2,3-Trichloropropane	CAS:96-18-4
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112981	Price : FA

VOC Standard Solution - 1 component

2-Bromo-1-chloropropane	CAS:3017-95-6	ampoule 1 ml	2 000 µg/ml	Ref : F112931	Price : DA
1-Chloro-2-fluorobenzene	CAS:348-51-6	ampoule 1 ml	2 000 µg/ml	Ref : F112951	Price : DA
1,4-Dichlorobutane	CAS:110-56-5	ampoule 1 ml	2 000 µg/ml	Ref : F112941	Price : DA
Fluorobenzene	CAS:462-06-6	ampoule 1 ml	2 000 µg/ml	Ref : F112921	Price : DA

VOC Gas Mixture - 6 components

Bromomethane	CAS:74-83-9	Chloromethane	CAS:74-87-3	Fluorotrichloromethane	CAS:75-69-4
Chloroethane	CAS:75-00-3	Dichlorodifluoromethane	CAS:75-71-8	Vinylchloride	CAS:75-01-4
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112901	Price : FA
		ampoule 1 ml	2 000 µg/ml	Ref : F112911	Price : HF

VOC Internal Standard Mixture - 2 components

2-Bromo-1-chloropropane	CAS:3017-95-6	Fluorobenzene	CAS:462-06-6		
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F112761	Price : DF

VOC Internal Standard Mixture - 2 components

2-Bromo-1-chloropropane	CAS:3017-95-6	1-Chloro-2-fluorobenzene	CAS:348-51-6		
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F112771	Price : DF

VOC Standard Solution - 54 components

Benzene	CAS:71-43-2	1,3-Dichlorobenzene	CAS:541-73-1	Naphthalene	CAS:91-20-3
Bromobenzene	CAS:108-86-1	1,4-Dichlorobenzene	CAS:106-46-7	n-Propylbenzene	CAS:103-65-1
Bromochloromethane	CAS:74-97-5	1,1-Dichloroethane	CAS:75-34-3	Styrene	CAS:100-42-5
Bromodichloromethane	CAS:75-27-4	1,2-Dichloroethane	CAS:107-06-2	1,1,1,2-Tetrachloroethane	CAS:630-20-6
Bromoform	CAS:75-25-2	1,1-Dichloroethene	CAS:75-35-4	1,1,2,2-Tetrachloroethane	CAS:79-34-5
n-Butylbenzene	CAS:104-51-8	cis-1,2-Dichloroethene	CAS:156-59-2	Tetrachloroethene	CAS:127-18-4
sec-Butylbenzene	CAS:135-98-8	trans-1,2-Dichloroethene	CAS:156-60-5	Toluene	CAS:108-88-3
tert-Butylbenzene	CAS:98-06-6	1,2-Dichloropropane	CAS:78-87-5	1,2,3-Trichlorobenzene	CAS:87-61-6
Carbon tetrachloride	CAS:56-23-5	1,3-Dichloropropane	CAS:142-28-9	1,2,4-Trichlorobenzene	CAS:120-82-1
Chlorobenzene	CAS:108-90-7	2,2-Dichloropropane	CAS:594-20-7	1,1,1-Trichloroethane	CAS:71-55-6
Chloroform	CAS:67-66-3	1,1-Dichloropropene	CAS:563-58-6	1,1,2-Trichloroethane	CAS:79-00-5
2-Chlorotoluene	CAS:95-49-8	cis-1,3-Dichloropropene	CAS:10061-01-5	Trichloroethene	CAS:79-01-6
4-Chlorotoluene	CAS:106-43-4	trans-1,3-Dichloropropene	CAS:10061-02-6	1,2,3-Trichloropropane	CAS:96-18-4
Dibromochloromethane	CAS:124-48-1	Ethylbenzene	CAS:100-41-4	1,2,4-Trimethylbenzene	CAS:95-63-6
1,2-Dibromo-3-chloropropane	CAS:96-12-8	Hexachlorobutadiene	CAS:87-68-3	1,3,5-Trimethylbenzene	CAS:108-67-8
1,2-Dibromoethane	CAS:106-93-4	Isopropylbenzene	CAS:98-82-8	o-Xylene	CAS:95-47-6
Dibromomethane	CAS:74-95-3	4-Isopropyltoluene	CAS:99-87-6	m-Xylene	CAS:108-38-3
1,2-Dichlorobenzene	CAS:95-50-1	Methylene chloride	CAS:75-09-2	p-Xylene	CAS:106-42-3
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F112781	Price : BDA

VOC Standard Solution - 60 components

Benzene	CAS:71-43-2	1,2-Dichlorobenzene	CAS:95-50-1	Naphthalene	CAS:91-20-3
Bromobenzene	CAS:108-86-1	1,3-Dichlorobenzene	CAS:541-73-1	n-Propylbenzene	CAS:103-65-1
Bromochloromethane	CAS:74-97-5	1,4-Dichlorobenzene	CAS:106-46-7	Styrene	CAS:100-42-5
Bromodichloromethane	CAS:75-27-4	Dichlorodifluoromethane	CAS:75-71-8	1,1,1,2-Tetrachloroethane	CAS:630-20-6
Bromoform	CAS:75-25-2	1,1-Dichloroethane	CAS:75-34-3	1,1,2,2-Tetrachloroethane	CAS:79-34-5
Bromomethane	CAS:74-83-9	1,2-Dichloroethane	CAS:107-06-2	Tetrachloroethene	CAS:127-18-4
n-Butylbenzene	CAS:104-51-8	1,1-Dichloroethene	CAS:75-35-4	Toluene	CAS:108-88-3
sec-Butylbenzene	CAS:135-98-8	cis-1,2-Dichloroethene	CAS:156-59-2	1,2,3-Trichlorobenzene	CAS:87-61-6
tert-Butylbenzene	CAS:98-06-6	trans-1,2-Dichloroethene	CAS:156-60-5	1,2,4-Trichlorobenzene	CAS:120-82-1
Carbon tetrachloride	CAS:56-23-5	1,2-Dichloropropane	CAS:78-87-5	1,1,1-Trichloroethane	CAS:71-55-6
Chlorobenzene	CAS:108-90-7	1,3-Dichloropropane	CAS:142-28-9	1,1,2-Trichloroethane	CAS:79-00-5
Chloroethane	CAS:75-00-3	2,2-Dichloropropane	CAS:594-20-7	Trichloroethene	CAS:79-01-6
Chloroform	CAS:67-66-3	1,1-Dichloropropene	CAS:563-58-6	Trichlorofluoromethane	CAS:75-69-4
Chloromethane	CAS:74-87-3	cis-1,3-Dichloropropene	CAS:10061-01-5	1,2,3-Trichloropropane	CAS:96-18-4
2-Chlorotoluene	CAS:95-49-8	trans-1,3-Dichloropropene	CAS:10061-02-6	1,2,4-Trimethylbenzene	CAS:95-63-6
4-Chlorotoluene	CAS:106-43-4	Ethylbenzene	CAS:100-41-4	1,3,5-Trimethylbenzene	CAS:108-67-8
Dibromochloromethane	CAS:124-48-1	Hexachlorobutadiene	CAS:87-68-3	Vinylchloride	CAS:75-01-4
1,2-Dibromo-3-chloropropane	CAS:96-12-8	Isopropylbenzene	CAS:98-82-8	o-Xylene	CAS:95-47-6
1,2-Dibromoethane	CAS:106-93-4	4-Isopropyltoluene	CAS:99-87-6	m-Xylene	CAS:108-38-3
Dibromomethane	CAS:74-95-3	Methylene chloride	CAS:75-09-2	p-Xylene	CAS:106-42-3
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F112751	Price : BGA

EPA method 503.1

Method 503.1 is applicable to the determination of various volatile aromatic and unsaturated organic compounds by purge and trap gas chromatography in finished drinking water, any raw source water, or drinking water in any treatment stage.

ACs Standard Solution - 1 component

α, α, α-Trifluorotoluene	CAS:98-08-8				
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F113071	Price : CF
		ampoule 1 ml	2 000 µg/ml	Ref : F113061	Price : CF

Aromatics & Alkenes Mixture - 28 components

Benzene	CAS:71-43-2	1,4-Dichlorobenzene	CAS:106-46-7	1,2,3-Trichlorobenzene	CAS:87-61-6
Bromobenzene	CAS:108-86-1	Ethylbenzene	CAS:100-41-4	1,2,4-Trichlorobenzene	CAS:120-82-1
n-Butylbenzene	CAS:104-51-8	Hexachlorobutadiene	CAS:87-68-3	Trichloroethene	CAS:79-01-6
sec-Butylbenzene	CAS:135-98-8	Isopropylbenzene	CAS:98-82-8	1,2,4-Trimethylbenzene	CAS:95-63-6
tert-Butylbenzene	CAS:98-06-6	4-Isopropyltoluene	CAS:99-87-6	1,3,5-Trimethylbenzene	CAS:108-67-8
Chlorobenzene	CAS:108-90-7	Naphthalene	CAS:91-20-3	o-Xylene	CAS:95-47-6
2-Chlorotoluene	CAS:95-49-8	n-Propylbenzene	CAS:103-65-1	m-Xylene	CAS:108-38-3
4-Chlorotoluene	CAS:106-43-4	Styrene	CAS:100-42-5	p-Xylene	CAS:106-42-3
1,2-Dichlorobenzene	CAS:95-50-1	Tetrachloroethene	CAS:127-18-4		
1,3-Dichlorobenzene	CAS:541-73-1	Toluene	CAS:108-88-3		
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F113041	Price : DF
		ampoule 1 ml	2 000 µg/ml	Ref : F113081	Price : HA

Aromatic Hydrocarbons Mixture - 16 components

Benzene	CAS:71-43-2	4-Isopropyltoluene	CAS:99-87-6	1,3,5-Trimethylbenzene	CAS:108-67-8
n-Butylbenzene	CAS:104-51-8	Naphthalene	CAS:91-20-3	m-Xylene	CAS:108-38-3
sec-Butylbenzene	CAS:135-98-8	n-Propylbenzene	CAS:103-65-1	o-Xylene	CAS:95-47-6
tert-Butylbenzene	CAS:98-06-6	Styrene	CAS:100-42-5	p-Xylene	CAS:106-42-3
Ethylbenzene	CAS:100-41-4	Toluene	CAS:108-88-3		
Isopropylbenzene	CAS:98-82-8	1,2,4-Trimethylbenzene	CAS:95-63-6		

Solvent : Methanol purge & trap ampoule 1 ml 200 µg/ml Ref : F113001 Price : FA

Halocarbons Mixture - 12 components

Bromobenzene	CAS:108-86-1	1,2-Dichlorobenzene	CAS:95-50-1	Tetrachloroethene	CAS:127-18-4
Chlorobenzene	CAS:108-90-7	1,3-Dichlorobenzene	CAS:541-73-1	1,2,3-Trichlorobenzene	CAS:87-61-6
2-Chlorotoluene	CAS:95-49-8	1,4-Dichlorobenzene	CAS:106-46-7	1,2,4-Trichlorobenzene	CAS:120-82-1
4-Chlorotoluene	CAS:106-43-4	Hexachlorobutadiene	CAS:87-68-3	Trichloroethene	CAS:79-01-6

Solvent : Methanol purge & trap ampoule 1 ml 200 µg/ml Ref : F113101 Price : EF

EPA method 504. 504.1

Method 504.1 is applicable to the determination of 1,2-Dibromoethane (EDB) and 1,2-Dibromo-3-chloropropane (DBCP) in finished drinking water, raw source water, or drinking water in any treatment stage by microextraction and gas chromatography.

Method 504.1 adds 1,2,3-trichloropropane to the analyte list.

EDB/DBCP Mixture - 2 components

1,2-Dibromo-3-chloropropane	CAS:96-12-8	1,2-Dibromoethane	CAS:106-93-4		
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Solvent : Methanol purge & trap

ampoule 1 ml	200 µg/ml	Ref : F113111	Price : DA
ampoule 1 ml	2 000 µg/ml	Ref : F113121	Price : DA

EPA method 504.1 Mixtures

Standard Solution - 3 components

1,2-Dibromo-3-chloropropane	CAS:96-12-8	1,2-Dibromoethane	CAS:106-93-4	1,2,3-Trichloropropane	CAS:96-18-4
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Solvent : Methanol purge & trap

ampoule 1 ml	200 µg/ml	Ref : F113131	Price : DF
ampoule 1 ml	2 000 µg/ml	Ref : F113141	Price : DF

EPA method 505

Method 505 is applicable to the determination of organohalide pesticides and commercial polychlorinated biphenyl (PCB) products in finished drinking water, during intermediate stages of treatment, and raw source water, by microextraction and gas chromatography.

NCC Standard Solution - 8 components

Atrazine	CAS:1912-24-9	Heptachlor	CAS:76-44-8	trans-Nonachlor	CAS:39765-80-5
cis-Chlordane	CAS:5103-71-9	Hexachlorocyclopentadiene	CAS:77-47-4	Simazine (CAT)	CAS:122-34-9
trans-Chlordane	CAS:5103-74-2	cis-Nonachlor	CAS:5103-73-1		

Solvent : Methanol ampoule 1 ml 100 µg/ml Ref : F113171 Price : FF

NCC Standard Solution - 16 components

Alachlor	CAS:15972-60-8	10 µg/ml	Heptachlor	CAS:76-44-8	1 µg/ml
Aldrin	CAS:309-00-2	1 µg/ml	Hexachlorobenzene	CAS:118-74-1	1 µg/ml
Atrazine	CAS:1912-24-9	250 µg/ml	Hexachlorocyclopentadiene	CAS:77-47-4	1 µg/ml
alpha-Chlordane	CAS:5103-71-9	1 µg/ml	Methoxychlor (DMTD)	CAS:72-43-5	5 µg/ml
Gamma-Chlordane	CAS:5103-74-2	1 µg/ml	cis-Nonachlor	CAS:5103-73-1	1 µg/ml
Dieldrin	CAS:60-57-1	1 µg/ml	trans-Nonachlor	CAS:39765-80-5	1 µg/ml
Endrin	CAS:72-20-8	1 µg/ml	Simazine (CAT)	CAS:122-34-9	250 µg/ml
Gamma-HCH (Lindane)	CAS:58-89-9	1 µg/ml	cis-Heptachlorepoxide (cis-, exo-, isomer B)	CAS:1024-57-3	1 µg/ml

Solvent : Acetone ampoule 1 ml Ref : F113181 Price : GF

OCs Standard Solution - 1 component

Toxaphene	CAS:8001-35-2				
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Solvent : Methanol ampoule 1 ml 100 µg/ml Ref : F120031 Price : BG

OCs Instrument Performance Check Solution - 1 component

				Solvent : Methanol	
Endrin	CAS:72-20-8	ampoule 1 ml	100 µg/ml	Ref : F113291	Price : BG
Endrin ketone	CAS:53494-70-5	ampoule 1 ml	100 µg/ml	Ref : F113301	Price : CE

OCs / NCC Standard Solution - 12 components

Alachlor	CAS:15972-60-8	50 µg/ml	Gamma-HCH (Lindane)	CAS:58-89-9	20 µg/ml
Aldrin	CAS:309-00-2	20 µg/ml	Heptachlor	CAS:76-44-8	20 µg/ml
Atrazine	CAS:1912-24-9	500 µg/ml	Hexachlorobenzene	CAS:118-74-1	10 µg/ml
Dieldrin	CAS:60-57-1	20 µg/ml	Hexachlorocyclopentadiene	CAS:77-47-4	20 µg/ml
Endrin	CAS:72-20-8	20 µg/ml	Methoxychlor (DMTD)	CAS:72-43-5	200 µg/ml
cis-Heptachlorepoxyde (cis-, exo-, isomer B)	CAS:1024-57-3	20 µg/ml	Simazine (CAT)	CAS:122-34-9	100 µg/ml
Solvent : Acetone		ampoule 1 ml	200 µg/ml	Ref : F113161	Price : EF

Organochlorine Pesticides Mixture - 9 components

Alachlor	CAS:15972-60-8	Endrin	CAS:72-20-8	Hexachlorobenzene	CAS:118-74-1
Aldrin	CAS:309-00-2	Heptachlor	CAS:76-44-8	Gamma-HCH (Lindane)	CAS:58-89-9
Dieldrin	CAS:60-57-1	Heptachlor-exo-epoxyde	CAS:1024-57-3	Methoxychlor (DMTD)	CAS:72-43-5
Solvent : Toluene		ampoule 1 ml	100 µg/ml	Ref : F113151	Price : EF

PCBs Standard Solution - 1 component

Solvent : Methanol

Aroclor 1016	CAS:12674-11-2	ampoule 1 ml	100 µg/ml	Ref : F113211	Price : BH
Aroclor 1221	CAS:11104-28-2	ampoule 1 ml	100 µg/ml	Ref : F113221	Price : BG
Aroclor 1232	CAS:11141-16-5	ampoule 1 ml	100 µg/ml	Ref : F113231	Price : CC
Aroclor 1242	CAS:53469-21-9	ampoule 1 ml	100 µg/ml	Ref : F113241	Price : BH
Aroclor 1248	CAS:12672-29-6	ampoule 1 ml	100 µg/ml	Ref : F113251	Price : BJ
Aroclor 1254	CAS:11097-69-1	ampoule 1 ml	100 µg/ml	Ref : F113261	Price : BJ
Aroclor 1260	CAS:11096-82-5	ampoule 1 ml	100 µg/ml	Ref : F113271	Price : BJ

Standard Solution - 1 component

Chlordane (technical)	CAS:57-74-9				
Solvent : Methanol		ampoule 1 ml	100 µg/ml	Ref : F113191	Price : BG

Standard Solution - 16 components

Acenaphthene	CAS:83-32-9	Benzo(g,h,i)perylene	CAS:191-24-2	Indeno(1,2,3-c,d)pyrene	CAS:193-39-5
Acenaphthylene	CAS:208-96-8	Benzo(k)fluoranthene	CAS:207-08-9	Naphthalene	CAS:91-20-3
Anthracene	CAS:120-12-7	Chrysene	CAS:218-01-9	Phenanthrene	CAS:85-01-8
Benzo(a)anthracene	CAS:56-55-3	Dibenzo(a,c)anthracene	CAS:215-58-7	Pyrene	CAS:129-00-0
Benzo(a)pyrene	CAS:50-32-8	Fluoranthene	CAS:206-44-0		
Benzo(b)fluoranthene	CAS:205-99-2	Fluorene	CAS:86-73-7		
Solvent : Toluene		ampoule 1 ml	100 µg/ml	Ref : F062285	Price : DF
		ampoule 5 ml	100 µg/ml	Ref : F112441	Price : BCA

EPA method 506**Phthalate and Adipate**

Method 506 describes a procedure for the determination of certain phthalate and adipate esters in drinking waters by liquid/liquid or liquid/solid extraction.

Phthalates Standard Solution - 7 components

Adipic acid-bis-2-ethylhexyl ester	CAS:103-23-1	Phthalic acid, bis-ethyl ester	CAS:84-66-2	Phthalic acid, bis-1-octyl ester	CAS:117-84-0
Phthalic acid, benzylbutyl ester	CAS:85-68-7	Phthalic acid,bis-2-ethylhexylester	CAS:117-81-7		
Phthalic acid, bis-butyl ester	CAS:84-74-2	Phthalic acid, bis-methyl ester	CAS:131-11-3		
Solvent : Iso-octane		ampoule 1 ml	1 000 µg/ml	Ref : F113281	Price : EA

Phthalates Standard Solution - 7 components

Adipic acid-bis-2-ethylhexyl ester	CAS:103-23-1	1200 µg/ml	Phthalic acid,bis-2-ethylhexylester	CAS:117-81-7	250 µg/ml
Phthalic acid, benzylbutyl ester	CAS:85-68-7	250 µg/ml	Phthalic acid, bis-methyl ester	CAS:131-11-3	100 µg/ml
Phthalic acid, bis-butyl ester	CAS:84-74-2	100 µg/ml	Phthalic acid, bis-1-octyl ester	CAS:117-84-0	650 µg/ml
Phthalic acid, bis-ethyl ester	CAS:84-66-2	100 µg/ml			
Solvent : Iso-Octane		ampoule 1 ml		Ref : F113311	Price : EF

EPA method 507**Nitrogen and Phosphorus containing pesticides**

Method 507 is applicable to the determination of Nitrogen and Phosphorous containing pesticides in ground water and finishing drinking water by gas chromatography.

NCC Standard Solution - 1 component

Simazine (CAT)	CAS:122-34-9				
Solvent : Acetone		ampoule 1 ml	1 000 µg/ml	Ref : F113411	Price : BK

NCC Surrogate Standard Solution - 1 component

1,3-Dimethyl-2-nitrobenzene CAS:81-20-9

Solvent : Methyl-tert butylether ampoule 1 ml 250 µg/ml Ref : F113321 Price : BH

NCC / OPP Laboratory performance check mixture - 6 components

Atrazine	CAS:1912-24-9	15 µg/ml	Prometon	CAS:1610-18-0	30 µg/ml
Bromacil	CAS:314-40-9	500 µg/ml	Triphenyl phosphate	CAS:115-86-6	250 µg/ml
1,3-Dimethyl-2-nitrobenzene	CAS:81-20-9	250 µg/ml	Vernolate	CAS:1929-77-7	5 µg/ml

Solvent : Methyl-tert butylether ampoule 1 ml Ref : F113431 Price : DF

NCC / OPP Standard Solution - 2 components

Simazine (CAT) CAS:122-34-9 Paraoxon-methyl CAS:950-35-6

Solvent : Acetone ampoule 1 ml 1 000 µg/ml Ref : F113401 Price : CF

NCC / OPP Standard Solution - 6 components

Ametryn	CAS:834-12-8	Disulfoton	CAS:298-04-4	Merphos	CAS:150-50-5
Cycloate	CAS:1134-23-2	Fenamiphos	CAS:22224-92-6	Prometon	CAS:1610-18-0

Solvent : Methyl-tert butylether ampoule 1 ml 1 000 µg/ml Ref : F113341 Price : GF

NCC / OPP Standard Solution - 8 components

Dichlorvos	CAS:62-73-7	Napropamide	CAS:15299-99-7	Tebuthiuron	CAS:34014-18-1
Fenarimol	CAS:60168-88-9	Pebulate	CAS:1114-71-2	Terbacil	CAS:5902-51-2
Fluridone	CAS:59756-60-4	Simetryn	CAS:1014-70-6		

Solvent : Methyl-tert butylether ampoule 1 ml 1 000 µg/ml Ref : F113381 Price : EF

NCC / OPP Standard Solution - 8 components

Benfluralin	CAS:1861-40-1	Oxyfluorfen	CAS:42874-03-3	Propachlor	CAS:1918-16-7
Isopropalin	CAS:33820-53-0	Pendimethalin	CAS:40487-42-1	Trifluralin	CAS:1582-09-8
Oxadiazon	CAS:19666-30-9	Profluralin	CAS:26399-36-0		

Solvent : Methyl-tert butylether ampoule 1 ml 1 000 µg/ml Ref : F113391 Price : EF

NCC / OPP Standard Solution - 9 components

Atrazine	CAS:1912-24-9	Ethoprophos	CAS:13194-48-4	Propazine	CAS:139-40-2
Diphenamid	CAS:957-51-7	Mevinphos	CAS:7786-34-7	Terbutryn	CAS:886-50-0
EPTC	CAS:759-94-4	Prometryn	CAS:7287-19-6	Triadimefon	CAS:43121-43-3

Solvent : Methyl-tert butylether ampoule 1 ml 1 000 µg/ml Ref : F113351 Price : EF

NCC / OPP Standard Solution 9 components

Butachlor	CAS:23184-66-9	Metolachlor	CAS:51218-45-2	Norflurazon	CAS:27314-13-2
Carboxin	CAS:5234-68-4	Metribuzin	CAS:21087-64-9	Terbufos	CAS:13071-79-9
Diazinon	CAS:333-41-5	MGK 264	CAS:113-48-4	Vernolate	CAS:1929-77-7

Solvent : Methyl-tert butylether ampoule 1 ml 1 000 µg/ml Ref : F113361 Price : FA

NCC / OPP Standard Solution 10 components

Alachlor	CAS:15972-60-8	Chlorpropham	CAS:101-21-3	trans-Tetrachlorvinphos	CAS:22248-79-9
Atraton	CAS:1610-17-9	Hexazinone	CAS:51235-04-2	Tricyclazole	CAS:41814-78-2
Bromacil	CAS:314-40-9	Molinate	CAS:2212-67-1		
Butylate	CAS:2008-41-5	Pronamide	CAS:23950-58-5		

Solvent : Methyl-tert butylether ampoule 1 ml 1 000 µg/ml Ref : F113371 Price : FA

OPP Standard Solution - 1 component

Tribufos CAS:78-48-8

Solvent : Methyl-tert butylether ampoule 1 ml 1 000 µg/ml Ref : F113421 Price : BK

OPP Standard Solution - 1 component

Triphenyl phosphate CAS:115-86-6

Solvent : Methyl-tert butylether ampoule 1 ml 500 µg/ml Ref : F113331 Price : BG

EPA method 508, 508.1, 508A

Chlorinated pesticides and PCBs

Method 508 is applicable to the determination of chlorinated pesticides in ground water and finished water by gas chromatography with an electron capture detector.

Method 508.1 is applicable to the determination of chlorinated pesticides, herbicides, and organohalides in ground water and drinking water in any treatment stage using extraction and electron-capture detector gas chromatography.

Method 508A is applicable for screening of Polychlorinated Biphenyls (PCBs) by gas chromatography in raw source water or drinking water in any treatment stage.

EPA method 508

OCs Internal Standard Solution - 1 component

Quintozene	CAS:82-68-8				
Solvent : Methyl-tert butylether		ampoule 1 ml	1 000 µg/ml	Ref : F120131	Price : CA

OCs Laboratory Performance Check Solution - 4 components

Chlorothalonil	CAS:1897-45-6	50 µg/l	Chlorthal-dimethyl	CAS:1861-32-1	50 µg/l
Chlorpyrifos	CAS:2921-88-2	2 µg/l	Delta-HCH	CAS:319-86-8	40 µg/l
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F113531	Price : DF

OCs Standard Solution - 1 component

Solvent : Methyl-tert butylether

Chlordane (technical)	CAS:57-74-9	ampoule 1 ml	2 500 µg/ml	Ref : F120051	Price : CA
Toxaphene	CAS:8001-35-2	ampoule 1 ml	2 500 µg/ml	Ref : F113491	Price : CA

OCs Standard Solution - 7 components

Alachlor	CAS:15972-60-8	Hexachlorocyclopentadiene	CAS:77-47-4	Simazine (CAT)	CAS:122-34-9
Atrazine	CAS:1912-24-9	Metolachlor	CAS:51218-45-2		
Cyanazine	CAS:21725-46-2	Metribuzin	CAS:21087-64-9		
Solvent : Ethyl Acetate		ampoule 1 ml	500 µg/ml	Ref : F113461	Price : EA

OCs Standard Solution - 9 components

Chlorobenzilate	CAS:510-15-6	Chlorthal-dimethyl	CAS:1861-32-1	Permethrin	CAS:52645-53-1
Chloroneb	CAS:2675-77-6	Etridiazole	CAS:2593-15-9	Propachlor	CAS:1918-16-7
Chlorothalonil	CAS:1897-45-6	Hexachlorobenzene	CAS:118-74-1	Trifluralin	CAS:1582-09-8
Solvent : Methyl-tert butylether		ampoule 1 ml	1 000 µg/ml	Ref : F113481	Price : FA

OCs Standard Solution - 12 components

alpha-Chlordane	CAS:5103-71-9	Chlorothalonil	CAS:1897-45-6	Hexachlorobenzene	CAS:118-74-1
Gamma-Chlordane	CAS:5103-74-2	Chlorpyrifos	CAS:2921-88-2	Permethrin	CAS:52645-53-1
Chlorobenzilate	CAS:510-15-6	DCPA	CAS:1861-32-1	Propachlor	CAS:1918-16-7
Chloroneb	CAS:2675-77-6	Etridiazole	CAS:2593-15-9	Trifluralin	CAS:1582-09-8
Solvent : Methyl-tert butylether		ampoule 1 ml	1 000 µg/ml	Ref : F113451	Price : GH
			(Etridiazole : 2 000 µg/ml)		

OCs Standard Solution - 16 components

4,4'-DDD (TDE)	CAS:72-54-8	Endosulfan-total (sulfate)	CAS:1031-07-8	Delta-HCH	CAS:319-86-8
4,4'-DDE	CAS:72-55-9	Endrin	CAS:72-20-8	Heptachlor	CAS:76-44-8
4,4'-DDT	CAS:50-29-3	Endrin aldehyde	CAS:7421-93-4	Heptachlor-exo-epoxide	CAS:1024-57-3
Dieldrin	CAS:60-57-1	Alpha-HCH	CAS:319-84-6	Methoxychlor (DMTD)	CAS:72-43-5
Endosulfan-alpha	CAS:959-98-8	Beta-HCH	CAS:319-85-7		
Endosulfan-beta	CAS:33213-65-9	Gamma-HCH (Lindane)	CAS:58-89-9		
Solvent : Methyl-tert butylether		ampoule 1 ml	1 000 µg/ml	Ref : F113441	Price : JD

PCBs Standard Solution - 1 component

Solvent : Methyl-tert butylether

Aroclor 1016	CAS:12674-11-2	ampoule 1 ml	1 000 µg/ml	Ref : F120061	Price : CA
Aroclor 1221	CAS:11104-28-2	ampoule 1 ml	1 000 µg/ml	Ref : F120071	Price : BK
Aroclor 1232	CAS:11141-16-5	ampoule 1 ml	1 000 µg/ml	Ref : F120081	Price : EF
Aroclor 1242	CAS:53469-21-9	ampoule 1 ml	1 000 µg/ml	Ref : F120091	Price : CA
Aroclor 1248	CAS:12672-29-6	ampoule 1 ml	1 000 µg/ml	Ref : F120101	Price : CC
Aroclor 1254	CAS:11097-69-1	ampoule 1 ml	1 000 µg/ml	Ref : F120111	Price : CC
Aroclor 1260	CAS:11096-82-5	ampoule 1 ml	1 000 µg/ml	Ref : F120121	Price : CC

PCBs Surrogate Standard Solution - 1 component

Decachlorobiphenyl	CAS:2051-24-3				
Solvent : Methyl-tert butylether		ampoule 1 ml	5 000 µg/ml	Ref : F120141	Price : FA

EPA method 508.1

Organochlorine pesticides mixtures

Degradation Calibration Mixture - 2 components

4,4'-DDT	CAS:50-29-3	200 µg/ml	Endrin	CAS:72-20-8	100 µg/ml
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F113561	Price : CF

Degradation Products Mixture - 4 components

4,4'-DDD (TDE)	CAS:72-54-8	200 µg/ml	Endrin aldehyde	CAS:7421-93-4	100 µg/ml
4,4'-DDE	CAS:72-55-9	200 µg/ml	Endrin ketone	CAS:53494-70-5	100 µg/ml
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F113571	Price : EA

OCs Internal Standard Solution - 1 component

Pentachloronitrobenzene	CAS:82-68-8				
Solvent : Ethyl Acetate		ampoule 1 ml	1 000 µg/ml	Ref : F113611	Price : BH
Solvent : Iso-Octane		ampoule 1 ml	1 000 µg/ml	Ref : F113601	Price : BH
Solvent : Methanol		ampoule 1 ml	100 µg/ml	Ref : F113591	Price : BH

Surrogate Standard Solution - 1 component

4,4'-Dibromobiphenyl	CAS:92-86-4				
Solvent : Ethyl Acetate		ampoule 1 ml	1 000 µg/ml	Ref : F113651	Price : CF
Solvent : n-Hexane		ampoule 1 ml	100 µg/ml	Ref : F113691	Price : CF
		ampoule 1 ml	1 000 µg/ml	Ref : F147420	Price : CF

OCs Standard Solution - 17 components

Aldrin	CAS:309-00-2	Endosulfan-beta	CAS:33213-65-9	Gamma-HCH (Lindane)	CAS:58-89-9
4,4'-DDD (TDE)	CAS:72-54-8	Endosulfan-total (sulfate)	CAS:1031-07-8	Delta-HCH	CAS:319-86-8
4,4'-DDE	CAS:72-55-9	Endrin	CAS:72-20-8	Heptachlor	CAS:76-44-8
4,4'-DDT	CAS:50-29-3	Endrin aldehyde	CAS:7421-93-4	Heptachlor-exo-epoxide	CAS:1024-57-3
Dieldrin	CAS:60-57-1	Alpha-HCH	CAS:319-84-6	Methoxychlor (DMTD)	CAS:72-43-5
Endosulfan-alpha	CAS:959-98-8	Beta-HCH	CAS:319-85-7		
Solvent : Ethyl Acetate		ampoule 1 ml	100 µg/ml	Ref : F113541	Price : GF

OCs /NCS Standard Solution - 19 components

Alachlor	CAS:15972-60-8	Chlorothalonil	CAS:1897-45-6	Metribuzin	CAS:21087-64-9
Atrazine	CAS:1912-24-9	Cyanazine	CAS:21725-46-2	Permethrin	CAS:52645-53-1
Butachlor	CAS:23184-66-9	DCPA	CAS:1861-32-1	Propachlor	CAS:1918-16-7
alpha-Chlordane	CAS:5103-71-9	Etridiazole	CAS:2593-15-9	Simazine (CAT)	CAS:122-34-9
Gamma-Chlordane	CAS:5103-74-2	Hexachlorobenzene	CAS:118-74-1	Trifluralin	CAS:1582-09-8
Chlorobenzilate	CAS:510-15-6	Hexachlorocyclopentadiene	CAS:77-47-4		
Chloroneb	CAS:2675-77-6	Metolachlor	CAS:51218-45-2		
Solvent : Ethyl Acetate		ampoule 1 ml	100 µg/ml	Ref : F113551	Price : GF
			(Permethrin: 200 µg/ml)		

Pesticide Degradation Check Solution - 2 components

4,4'-DDT	CAS:50-29-3	Endrin	CAS:72-20-8		
Solvent : Ethyl Acetate		ampoule 1 ml	1 µg/ml	Ref : F113581	Price : CF

EPA method 508.A

Aroclor 1260 Standard Solution – 1 component

Aroclor 1260	CAS:11096-82-5				
Solvent : Methanol purge & trap		ampoule 1 ml	100 µg/ml	Ref : F113271	Price : BJ
		ampoule 1 ml	1 000 µg/ml	Ref : F113631	Price : CC
		ampoule 1 ml	5 000 µg/ml	Ref : F113641	Price : CH

Decachlorobiphenyl Standard Solution - 1 component

PCB 209

CAS:2051-24-3

Solvent : Acetone	ampoule 1 ml	500 µg/ml	Ref : F113681	Price : BG
Solvent : n-Hexane	ampoule 1 ml	100 µg/ml	Ref : F113671	Price : BG
Solvent Toluene	ampoule 1 ml	1 000 µg/ml	Ref : F113661	Price : CE

EPA method 515.1 & 515.2

Chlorinated Acids

Method 515.1 is applicable to the determination of certain chlorinated acids in ground water and finished drinking water.

Method 515.2 is applicable to the determination of chlorinated acids in ground water, and finished drinking water, using extraction, derivation, and gas chromatography with electron capture detector.

Method 515.3 is applicable to the determination of chlorinated acids in drinking water, ground water, raw source water, and water at any intermediate stage by extraction, derivation, and gas chromatography with electron capture detector.

Chlorinated Herbicides Mixture - 6 components

3,5-Dichlorobenzoic acid	CAS:51-36-5	500 µg/ml	Pentachlorophenol	CAS:87-86-5	100 µg/ml
Dichlorprop	CAS:120-36-5	100 µg/ml	2,4,5-T	CAS:93-76-5	100 µg/ml
Dinoseb	CAS:88-85-7	200 µg/ml	Tetrachloroterephthalic acid	CAS:2136-79-0	100 µg/ml
Solvent : Methanol purge & trap	ampoule 1 ml		Ref : F113831	Price : EA	

Chlorinated Herbicides Mixture - 6 components

3,5-Dichlorobenzoic acid methyl ester	CAS:2905-67-1	500 µg/ml	Dinoseb methyl ether	CAS:6099-79-2	200 µg/ml
Dichlorprop methyl ester	CAS:57153-17-0	100 µg/ml	Pentachloroanisole	CAS:1825-21-4	100 µg/ml
DCPA methyl ester	CAS:1861-32-1	100 µg/ml	2,4,5-T methyl ester	CAS:1928-37-6	100 µg/ml
Solvent : Methanol purge & trap	ampoule 1 ml		Ref : F113841	Price : FA	

Chlorinated Herbicides Acids Mixture - 7 components

Acifluorfen	CAS:50594-66-6	100 µg/ml	Dicamba	CAS:1918-00-9	300 µg/ml
Bentazone	CAS:25057-89-0	1 000 µg/ml	Picloram	CAS:1918-02-1	300 µg/ml
2,4-D	CAS:94-75-7	100 µg/ml	2,4,5-TP	CAS:93-72-1	100 µg/ml
2,4-DB	CAS:94-82-6	1 000 µg/ml			
Solvent : Methanol purge & trap	ampoule 1 ml		Ref : F113851	Price : EA	

Chlorinated Herbicides Mixture - 7 components

Acifluorfen methyl ester	id : 15801	200 µg/ml	Dicamba-methyl ester	CAS:6597-78-0	300 µg/ml
Bentazon methyl derivative	CAS:2225-40-3	1 000 µg/ml	Picloram methyl ester	id : 15841	300 µg/ml
2,4-D methyl ester	CAS:1928-38-7	100 µg/ml	Silvex methyl ester	CAS:4841-20-7	100 µg/ml
2,4-DB methyl ester	CAS:18625-12-2	1 000 µg/ml			
Solvent : Methanol purge & trap	ampoule 1 ml		Ref : F113861	Price : GA	

Chlorinated Herbicides Standard Solution - 16 components

Acifluorfen	CAS:50594-66-6	100 µg/ml	Dichlorprop	CAS:120-36-5	300 µg/ml
Bentazone	CAS:25057-89-0	200 µg/ml	Dinoseb	CAS:88-85-7	200 µg/ml
Chloramben	CAS:133-90-4	100 µg/ml	4-Nitrophenol	CAS:100-02-7	100 µg/ml
2,4-D	CAS:94-75-7	200 µg/ml	Pentachlorophenol	CAS:87-86-5	100 µg/ml
Dalapon	CAS:75-99-0	1 300 µg/ml	Picloram	CAS:1918-02-1	100 µg/ml
2,4-DB	CAS:94-82-6	800 µg/ml	2,4,5-T	CAS:93-76-5	100 µg/ml
Dicamba	CAS:1918-00-9	100 µg/ml	Tetrachloroterephthalic acid	CAS:2136-79-0	100 µg/ml
3,5-Dichlorobenzoic acid	CAS:51-36-5	100 µg/ml	2,4,5-TP	CAS:93-72-1	100 µg/ml
Solvent : Methyl-tert butylether	ampoule 1 ml		Ref : F113711	Price : GA	

Internal Standard Solution - 1 component

4,4'-Dibromooctafluorobiphenyl	CAS:10386-84-2				
Solvent : Methyl-tert butylether	ampoule 1 ml	100 µg/ml	Ref : F113781	Price : BG	
Solvent : Methanol purge & trap	ampoule 1 ml	5 000 µg/ml	Ref : F113911	Price : CE	

Laboratory Performance Check Solution - 5 components

4,4'-Dibromooctafluorobiphenyl	CAS:10386-84-2	2 500 µg/l	Dinoseb	CAS:88-85-7	40 µg/l
3,5-Dichlorobenzoic acid	CAS:51-36-5	6 000 µg/l	4-Nitrophenol	CAS:100-02-7	16 000 µg/l
2,4-Dichlorophenylacetic acid	CAS:19719-28-9	5 000 µg/l			
Solvent : Methyl-tert butylether	ampoule 1 ml		Ref : F113791	Price : FA	

Methyl Derivatives Solution - 5 components

4,4'-Dibromooctafluorobiphenyl	CAS:10386-84-2	250 µg/l	Methyl 3-amino-2,5-dichlorobenzoate	CAS:7286-84-2	600 µg/l
2,4-Dichlorophenylacetic acid methyl ester	id : 15851	500 µg/l	4-Nitroanisole	CAS:100-17-4	1 600 µg/l
Dinoseb methyl ether	CAS:6099-79-2	4 µg/l			
Solvent : Methyl-tert butylether	ampoule 1 ml		Ref : F113811	Price : EA	

Methyl Derivatives Solution - 5 components

4,4'-Dibromooctafluorobiphenyl	CAS:10386-84-2	250 µg/ml	Dinoseb	CAS:88-85-7	4 µg/ml
3,5-Dichlorobenzoic acid	CAS:51-36-5	600 µg/ml	4-Nitrophenol	CAS:100-02-7	16 000 µg/ml
2,4-Dichlorophenylacetic acid	CAS:19719-28-9	500 µg/ml			
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F113821	Price : DF

Methyl Derivatives Standard Solution - 16 components

Acifluorfen methyl ester	id : 15801	DCPA	CAS:1861-32-1	Pentachloroanisole	CAS:1825-21-4
Bentazon methyl derivative	CAS:2225-40-3	Dicamba-methyl ester	CAS:6597-78-0	Picloram methyl ester	id : 15841
Chloramben methyl ester	CAS:7286-84-2	3,5-Dichlorobenzoic acid methyl ester	CAS:2905-67-1	Silvex methyl ester	CAS:4841-20-7
2,4-D methyl ester	CAS:1928-38-7	Dichlorprop methyl ester	CAS:57153-17-0	2,4,5-T methyl ester	CAS:1928-37-6
Dalapon methyl ester	CAS:17640-02-7	Dinoseb methyl ether	CAS:6099-79-2		
2,4-DB methyl ester	CAS:18625-12-2	4-Nitroanisole	CAS:100-17-4		
Solvent : Methyl-tert butylether		ampoule 1 ml	1 000 µg/ml	Ref : F113751	Price : BCA

Methyl Derivatives Standard Solution - 16 components

Acifluorfen methyl ester	id : 15801	100 µg/ml	3,5-Dichlorobenzoic acid methyl ester	CAS:2905-67-1	100 µg/ml
Bentazon methyl derivative	CAS:2225-40-3	200 µg/ml	Dichlorprop methyl ester	CAS:57153-17-0	300 µg/ml
Chloramben methyl ester	CAS:7286-84-2	100 µg/ml	Dinoseb methyl ether	CAS:6099-79-2	200 µg/ml
2,4-D methyl ester	CAS:1928-38-7	200 µg/ml	4-Nitroanisole	CAS:100-17-4	100 µg/ml
Dalapon methyl ester	CAS:17640-02-7	1 300 µg/ml	Pentachloroanisole	CAS:1825-21-4	100 µg/ml
2,4-DB methyl ester	CAS:18625-12-2	800 µg/ml	Picloram methyl ester	id : 15841	100 µg/ml
DCPA	CAS:1861-32-1	100 µg/ml	Silvex methyl ester	CAS:4841-20-7	100 µg/ml
Dicamba-methyl ester	CAS:6597-78-0	100 µg/ml	2,4,5-T methyl ester	CAS:1928-37-6	100 µg/ml
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F113721	Price : HA

SDWA Herbicides Mixture - 6 components

2,4-D	CAS:94-75-7	1 300 µg/ml	Pentachlorophenol	CAS:87-86-5	100 µg/ml
Dalapon	CAS:75-99-0	1 300 µg/ml	Picloram	CAS:1918-02-1	100 µg/ml
Dinoseb	CAS:88-85-7	200 µg/ml	Silvex	CAS:93-72-1	100 µg/ml
Solvent : Methanol		ampoule 1 ml		Ref : F113871	Price : EA

SDWA Methylated Herbicides Mixture - 6 components

2,4-D methyl ester	CAS:1928-38-7	200 µg/ml	Pentachloroanisole	CAS:1825-21-4	100 µg/ml
Dalapon methyl ester	CAS:17640-02-7	1 300 µg/ml	Picloram methyl ester	id : 15841	100 µg/ml
Dinoseb methyl ether	CAS:6099-79-2	200 µg/ml	Silvex methyl ester	CAS:4841-20-7	100 µg/ml
Solvent : Methanol purge & trap		ampoule 1 ml		Ref : F113881	Price : FA

Surrogate Standard Solution - 1 component

2,4-Dichlorophenylacetic acid	CAS:19719-28-9				
Solvent : Methanol purge & trap		ampoule 1 ml	5 000 µg/ml	Ref : F113891	Price : CE
Solvent : Methyl-tert butylether		ampoule 1 ml	100 µg/ml	Ref : F113761	Price : BG

Surrogate Standard Solution - 1 component

2,4-Dichlorophenylacetic acid methyl ester	id : 15851				
Solvent : Methanol purge & trap		ampoule 1 ml	5 000 µg/ml	Ref : F113901	Price : CJ
Solvent : Methyl-tert butylether		ampoule 1 ml	100 µg/ml	Ref : F113771	Price : BG

Underivatized Analyte - 5 components

4,4'-Dibromooctafluorobiphenyl	CAS:10386-84-2	250 µg/ml	Dinoseb	CAS:88-85-7	4 µg/ml
3,5-Dichlorobenzoic acid	CAS:51-36-5	600 µg/ml	4-Nitrophenol	CAS:100-02-7	1600 µg/ml
2,4-Dichlorophenylacetic acid	CAS:19719-28-9	500 µg/ml			
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F113801	Price : DF

EPA method 524.2

Purgeable organic compounds

Method 524.2 is a purge and trap GC/MS method allowing determination of all VOCs using capillary column.

Haloalkanes Mixture - 35 components

Bromochloromethane	CAS:74-97-5	Dichlorodifluoromethane	CAS:75-71-8	Hexachlorobutadiene	CAS:87-68-3
Bromodichloromethane	CAS:75-27-4	1,1-Dichloroethane	CAS:75-34-3	Methylene chloride	CAS:75-09-2
Bromoform	CAS:75-25-2	1,2-Dichloroethane	CAS:107-06-2	1,1,1,2-Tetrachloroethane	CAS:630-20-6
Bromomethane	CAS:74-83-9	1,1-Dichloroethene	CAS:75-35-4	1,1,2,2-Tetrachloroethane	CAS:79-34-5
Carbon tetrachloride	CAS:56-23-5	cis-1,2-Dichloroethene	CAS:156-59-2	Tetrachloroethene	CAS:127-18-4
Chloroethane	CAS:75-00-3	trans-1,2-Dichloroethene	CAS:156-60-5	1,1,1-Trichloroethane	CAS:71-55-6
Chloroform	CAS:67-66-3	1,2-Dichloropropane	CAS:78-87-5	1,1,2-Trichloroethane	CAS:79-00-5
Chloromethane	CAS:74-87-3	1,3-Dichloropropane	CAS:142-28-9	Trichloroethene	CAS:79-01-6
Dibromochloromethane	CAS:124-48-1	2,2-Dichloropropane	CAS:594-20-7	Trichlorofluoromethane	CAS:75-69-4
1,2-Dibromo-3-chloropropane	CAS:96-12-8	1,1-Dichloropropene	CAS:563-58-6	1,2,3-Trichloropropane	CAS:96-18-4
1,2-Dibromoethane	CAS:106-93-4	cis-1,3-Dichloropropene	CAS:10061-01-5	Vinyl chloride	CAS:75-01-4
Dibromomethane	CAS:74-95-3	trans-1,3-Dichloropropene	CAS:10061-02-6		
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112991	Price : KF

Haloethanes Mixture - 14 components

Chloroethane	CAS:75-00-3	cis-1,2-Dichloroethene	CAS:156-59-2	1,1,1-Trichloroethane	CAS:71-55-6
1,2-Dibromoethane	CAS:106-93-4	trans-1,2-Dichloroethene	CAS:156-60-5	1,1,2-Trichloroethane	CAS:79-00-5
1,1-Dichloroethane	CAS:75-34-3	1,1,1,2-Tetrachloroethane	CAS:630-20-6	Trichloroethene	CAS:79-01-6
1,2-Dichloroethane	CAS:107-06-2	1,1,2,2-Tetrachloroethane	CAS:79-34-5	Vinylchloride	CAS:75-01-4
1,1-Dichloroethene	CAS:75-35-4	Tetrachloroethene	CAS:127-18-4		
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112971	Price : FA

Halopropanes Mixture - 9 components

1,2-Dibromo-3-chloropropane	CAS:96-12-8	2,2-Dichloropropane	CAS:594-20-7	trans-1,3-Dichloropropene	CAS:10061-02-6
1,2-Dichloropropane	CAS:78-87-5	1,1-Dichloropropene	CAS:563-58-6	Hexachlorobutadiene	CAS:87-68-3
1,3-Dichloropropane	CAS:142-28-9	cis-1,3-Dichloropropene	CAS:10061-01-5	1,2,3-Trichloropropane	CAS:96-18-4
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112981	Price : FA

Internal Standard Solution - 1 component

1,2-Dichlorobenzene D4	CAS:2199-69-1				
Solvent : Methanol		ampoule 1 ml	2 000 µg/ml	Ref : F113961	Price : CJ

Internal Standard Solution - 2 components

1,2-Dichlorobenzene D4	CAS:2199-69-1	Fluorobenzene	CAS:462-06-6		
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F113931	Price : CF

Internal Standard Solution - 3 components

4-Bromofluorobenzene	CAS:460-00-4	1,2-Dichlorobenzene D4	CAS:2199-69-1	Fluorobenzene	CAS:462-06-6
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F113941	Price : DF

Surrogate Standard - 1 component

4-Bromofluorobenzene	CAS:460-00-4				
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F113921	Price : CA

VOC Internal Standard Solution - 1 component

Fluorobenzene	CAS:462-06-6				
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F112921	Price : DA

VOC Standard Solution - 6 components

Bromomethane	CAS:74-83-9	Chloromethane	CAS:74-87-3	Fluorotrichloromethane	CAS:75-69-4
Chloroethane	CAS:75-00-3	Dichlorodifluoromethane	CAS:75-71-8	Vinylchloride	CAS:75-01-4
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112901	Price : FA
		ampoule 1 ml	2 000 µg/ml	Ref : F112911	Price : HF

VOC Standard Solution - 12 components

Bromochloromethane	CAS:74-97-5	Carbon tetrachloride	CAS:56-23-5	Dibromomethane	CAS:74-95-3
Bromodichloromethane	CAS:75-27-4	Chloroform	CAS:67-66-3	Dichlorodifluoromethane	CAS:75-71-8
Bromoform	CAS:75-25-2	Chloromethane	CAS:74-87-3	Methylene chloride	CAS:75-09-2
Bromomethane	CAS:74-83-9	Dibromochloromethane	CAS:124-48-1	Trichlorofluoromethane	CAS:75-69-4
Solvent : Methanol purge & trap		ampoule 1 ml	200 µg/ml	Ref : F112961	Price : FA

VOC Standard Solution - 24 components

Acetone	CAS:67-64-1	Diethylether	CAS:60-29-7	Methyl methacrylate	CAS:80-62-6
Acrylonitrile	CAS:107-13-1	Ethyl methacrylate	CAS:97-63-2	MIBK	CAS:108-10-1
Allyl chloride	CAS:107-05-1	Hexachloroethane	CAS:67-72-1	MTBE	CAS:1634-04-4
Carbon disulfide	CAS:75-15-0	2-Hexanone	CAS:591-78-6	Nitrobenzene	CAS:98-95-3
Chloroacetonitrile	CAS:107-14-2	MEK	CAS:78-93-3	2-Nitropropane	CAS:79-46-9
1-Chlorobutane	CAS:109-69-3	Methacrylonitrile	CAS:126-98-7	Pentachloroethane	CAS:76-01-7
trans-1,4-Dichloro-2-butene	CAS:110-57-6	Methyl acrylate	CAS:96-33-3	Propionitrile	CAS:107-12-0
1,1-Dichloro-2-propanone	CAS:513-88-2	Methyl iodide	CAS:74-88-4	THF	CAS:109-99-9
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F113951	Price : GF

VOC Standard Solution - 54 components

Benzene	CAS:71-43-2	1,3-Dichlorobenzene	CAS:541-73-1	Naphthalene	CAS:91-20-3
Bromobenzene	CAS:108-86-1	1,4-Dichlorobenzene	CAS:106-46-7	n-Propylbenzene	CAS:103-65-1
Bromochloromethane	CAS:74-97-5	1,1-Dichloroethane	CAS:75-34-3	Styrene	CAS:100-42-5
Bromodichloromethane	CAS:75-27-4	1,2-Dichloroethane	CAS:107-06-2	1,1,1,2-Tetrachloroethane	CAS:630-20-6
Bromoform	CAS:75-25-2	1,1-Dichloroethene	CAS:75-35-4	1,1,2,2-Tetrachloroethane	CAS:79-34-5
n-Butylbenzene	CAS:104-51-8	cis-1,2-Dichloroethene	CAS:156-59-2	Tetrachloroethene	CAS:127-18-4
sec-Butylbenzene	CAS:135-98-8	trans-1,2-Dichloroethene	CAS:156-60-5	Toluene	CAS:108-88-3
tert-Butylbenzene	CAS:98-06-6	1,2-Dichloropropane	CAS:78-87-5	1,2,3-Trichlorobenzene	CAS:87-61-6
Carbon tetrachloride	CAS:56-23-5	1,3-Dichloropropane	CAS:142-28-9	1,2,4-Trichlorobenzene	CAS:120-82-1
Chlorobenzene	CAS:108-90-7	2,2-Dichloropropane	CAS:594-20-7	1,1,1-Trichloroethane	CAS:71-55-6
Chloroform	CAS:67-66-3	1,1-Dichloropropene	CAS:563-58-6	1,1,2-Trichloroethane	CAS:79-00-5
2-Chlorotoluene	CAS:95-49-8	cis-1,3-Dichloropropene	CAS:10061-01-5	Trichloroethene	CAS:79-01-6
4-Chlorotoluene	CAS:106-43-4	trans-1,3-Dichloropropene	CAS:10061-02-6	1,2,3-Trichloropropane	CAS:96-18-4

Dibromochloromethane	CAS:124-48-1	Ethylbenzene	CAS:100-41-4	1,2,4-Trimethylbenzene	CAS:95-63-6
1,2-Dibromo-3-chloropropane	CAS:96-12-8	Hexachlorobutadiene	CAS:87-68-3	1,3,5-Trimethylbenzene	CAS:108-67-8
1,2-Dibromoethane	CAS:106-93-4	Isopropylbenzene	CAS:98-82-8	o-Xylene	CAS:95-47-6
Dibromomethane	CAS:74-95-3	4-Isopropyltoluene	CAS:99-87-6	m-Xylene	CAS:108-38-3
1,2-Dichlorobenzene	CAS:95-50-1	Methylene chloride	CAS:75-09-2	p-Xylene	CAS:106-42-3
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F112781	Price : BDA

VOC Standard Solution - 60 components

Benzene	CAS:71-43-2	1,2-Dichlorobenzene	CAS:95-50-1	Naphthalene	CAS:91-20-3
Bromobenzene	CAS:108-86-1	1,3-Dichlorobenzene	CAS:541-73-1	n-Propylbenzene	CAS:103-65-1
Bromochloromethane	CAS:74-97-5	1,4-Dichlorobenzene	CAS:106-46-7	Styrene	CAS:100-42-5
Bromodichloromethane	CAS:75-27-4	Dichlorodifluoromethane	CAS:75-71-8	1,1,1,2-Tetrachloroethane	CAS:630-20-6
Bromofom	CAS:75-25-2	1,1-Dichloroethane	CAS:75-34-3	1,1,2,2-Tetrachloroethane	CAS:79-34-5
Bromomethane	CAS:74-83-9	1,2-Dichloroethane	CAS:107-06-2	Tetrachloroethene	CAS:127-18-4
n-Butylbenzene	CAS:104-51-8	1,1-Dichloroethene	CAS:75-35-4	Toluene	CAS:108-88-3
sec-Butylbenzene	CAS:135-98-8	cis-1,2-Dichloroethene	CAS:156-59-2	1,2,3-Trichlorobenzene	CAS:87-61-6
tert-Butylbenzene	CAS:98-06-6	trans-1,2-Dichloroethene	CAS:156-60-5	1,2,4-Trichlorobenzene	CAS:120-82-1
Carbon tetrachloride	CAS:56-23-5	1,2-Dichloropropane	CAS:78-87-5	1,1,1-Trichloroethane	CAS:71-55-6
Chlorobenzene	CAS:108-90-7	1,3-Dichloropropane	CAS:142-28-9	1,1,2-Trichloroethane	CAS:79-00-5
Chloroethane	CAS:75-00-3	2,2-Dichloropropane	CAS:594-20-7	Trichloroethene	CAS:79-01-6
Chloroform	CAS:67-66-3	1,1-Dichloropropene	CAS:563-58-6	Trichlorofluoromethane	CAS:75-69-4
Chloromethane	CAS:74-87-3	cis-1,3-Dichloropropene	CAS:10061-01-5	1,2,3-Trichloropropane	CAS:96-18-4
2-Chlorotoluene	CAS:95-49-8	trans-1,3-Dichloropropene	CAS:10061-02-6	1,2,4-Trimethylbenzene	CAS:95-63-6
4-Chlorotoluene	CAS:106-43-4	Ethylbenzene	CAS:100-41-4	1,3,5-Trimethylbenzene	CAS:108-67-8
Dibromochloromethane	CAS:124-48-1	Hexachlorobutadiene	CAS:87-68-3	Vinylchloride	CAS:75-01-4
1,2-Dibromoethane	CAS:106-93-4	Isopropylbenzene	CAS:98-82-8	m-Xylene	CAS:108-38-3
1,2-Dibromo-3-chloropropane	CAS:96-12-8	4-Isopropyltoluene	CAS:99-87-6	o-Xylene	CAS:95-47-6
Dibromomethane	CAS:74-95-3	Methylene chloride	CAS:75-09-2	p-Xylene	CAS:106-42-3
Solvent : Methanol purge & trap		ampoule 1 ml	2 000 µg/ml	Ref : F112751	Price : BGA

EPA method 525.1

Determination of Organic Compounds in Drinking Water by Liquid-Solid Extraction and Capillary Column Gas Chromatography/Mass Spectrometry

Method 525.1 is applicable to the determination of purgeable volatile organic compounds in surface water, ground water, and drinking water in any treatment stage.

Extractables Mixture - 9 components

Bis(2-ethylhexyl)adipate	CAS:103-23-1	Di-n-butylphthalate	CAS:84-74-2	HCB	CAS:118-74-1
Bis(2-ethylhexyl)phthalate	CAS:117-81-7	Diethyl phthalate	CAS:84-66-2	Hexachlorocyclopentadiene	CAS:77-47-4
Butyl benzyl phthalate	CAS:85-68-7	Dimethyl phthalate	CAS:131-11-3	Pentachlorophenol	CAS:87-86-5
Solvent : Acetone		ampoule 1 ml	100 µg/ml	Ref : F114011	Price : EF
			(Pentachlorophenol: 400 µg/ml)		
		ampoule 1 ml	500 µg/ml	Ref : F114021	Price : EF
			(Pentachlorophenol : 2 000 µg/ml)		

Fortification Solution for Optional Recovery Standard -1 component

p-Terphenyl D14	CAS:1718-51-0				
Solvent : Dichloromethane		ampoule 1 ml	500 µg/ml	Ref : F114101	Price : BK

Fortification Solution of Internal Standards and Surrogates - 4 components

Acenaphthene D10	CAS:15067-26-2	Perylene D12	CAS:1520-96-3	Phenanthrene D10	CAS:1517-22-2
Chrysene D12	CAS:1719-03-5				
Solvent : Acetone		ampoule 1 ml	500 µg/ml	Ref : F114081	Price : DF

MS Performance Check Solution - 1 component

Decafluorotriphenylphosphine	CAS:5074-71-5				
Solvent : Dichloromethane		ampoule 1 ml	500 µg/ml	Ref : F114071	Price : BG

OCs Standard Solution - 12 components

Alachlor	CAS:15972-60-8	Gamma-Chlordane	CAS:5103-74-2	Heptachlor-exo-epoxide	CAS:1024-57-3
Aldrin	CAS:309-00-2	Gamma-HCH (Lindane)	CAS:58-89-9	Methoxychlor (DMTD)	CAS:72-43-5
Atrazine	CAS:1912-24-9	Endrin	CAS:72-20-8	trans-Nonachlor	CAS:39765-80-5
alpha-Chlordane	CAS:5103-71-9	Heptachlor	CAS:76-44-8	Simazine (CAT)	CAS:122-34-9
Solvent : Acetone		ampoule 1 ml	100 µg/ml	Ref : F113991	Price : GA
		ampoule 1 ml	500 µg/ml	Ref : F114001	Price : BCA

PAH Surrogate Standard Solution - 1 component

Pyrene D10	CAS:1718-52-1				
Solvent : Acetone		ampoule 1 ml	500 µg/ml	Ref : F114091	Price : CE

PAH Standard Solution - 13 components

Acenaphthylene	CAS:208-96-8	Benzo(g,h,i)perylene	CAS:191-24-2	Indeno(1,2,3-c,d)pyrene	CAS:193-39-5
Anthracene	CAS:120-12-7	Benzo(a)pyrene	CAS:50-32-8	Phenanthrene	CAS:85-01-8
Benzo(a)anthracene	CAS:56-55-3	Chrysene	CAS:218-01-9	Pyrene	CAS:129-00-0
Benzo(j)fluoranthene	CAS:205-82-3	Dibenzo(a,h)anthracene	CAS:53-70-3		
Benzo(k)fluoranthene	CAS:207-08-9	Fluorene	CAS:86-73-7		
Solvent : Acetone		ampoule 1 ml	100 µg/ml	Ref : F113971	Price : EF
Solvent : Toluene		ampoule 1 ml	500 µg/ml	Ref : F113981	Price : KF

PCBs Standard Solution - 8 components

PCB 1	CAS:2051-60-7	PCB 47	CAS:2437-79-8	PCB 171	CAS:52663-71-5
PCB 5	CAS:16605-91-7	PCB 98	CAS:60233-25-2	PCB 200	CAS:40186-71-8
PCB 29	CAS:15862-07-4	PCB 154	CAS:60145-22-4		
Solvent : Acetone		ampoule 1 ml	100 µg/ml	Ref : F114031	Price : GH
		ampoule 1 ml	500 µg/ml	Ref : F114041	Price : BKA

SDWA SOCs Mixture - 6 components

Benzo(a)pyrene	CAS:50-32-8	Bis(2-ethylhexyl)phthalate	CAS:117-81-7	Hexachlorocyclopentadiene	CAS:77-47-4
Bis(2-ethylhexyl)adipate	CAS:103-23-1	Hexachlorobenzene	CAS:118-74-1	Pentachlorophenol	CAS:87-86-5
Solvent : Acetone		ampoule 1 ml	500 µg/ml	Ref : F114051	Price : EF
		<i>(Pentachlorophenol: 2 000 µg/ml)</i>			

Toxaphene Calibration Standard Solution - 1 component

Toxaphene	CAS:8001-35-2				
Solvent : Acetone		ampoule 1 ml	2 500 µg/ml	Ref : F113495	Price : BH

EPA method 525.2**Determination of organic compounds in drinking water by liquid-solid extraction and capillary column Gas Chromatography/ Mass Spectrometry**

This is a general purpose method that provides procedures for determination of organic compounds in finished drinking water, source water, or drinking water in any treatment stage.

GC/MS Performance Check Solution - 3 components

4,4'-DDT	CAS:50-29-3	Decafluorotriphenylphosphine	CAS:5074-71-5	Endrin	CAS:72-20-8
Solvent : Dichloromethane		ampoule 1 ml	5 µg/ml	Ref : F114141	Price : CF

PAH Internal & Surrogate Standard Fortification Solution - 3 components

Acenaphthene D10	CAS:15067-26-2	Chrysene D12	CAS:1719-03-5	Phenanthrene D10	CAS:1517-22-2
Solvent : Acetone		ampoule 1 ml	500 µg/ml	Ref : F114111	Price : DF

PAH Standard Solution - 6 components

Acenaphthene D10	CAS:15067-26-2	1,3-Dimethyl-2-nitrobenzene	CAS:81-20-9	Phenanthrene D10	CAS:1517-22-2
Chrysene D12	CAS:1719-03-5	Perylene D12	CAS:1520-96-3	Triphenylphosphate	CAS:115-86-6
Solvent : Acetone		ampoule 1 ml	500 µg/ml	Ref : F114121	Price : EA

PAH Standard Solution - 7 components

Acenaphthene D10	CAS:15067-26-2	Perylene D12	CAS:1520-96-3	Pyrene D10	CAS:1718-52-1
Chrysene D12	CAS:1719-03-5	Phenanthrene D10	CAS:1517-22-2	Triphenylphosphate	CAS:115-86-6
1,3-Dimethyl-2-nitrobenzene	CAS:81-20-9				
Solvent : Acetone		ampoule 1 ml	500 µg/ml	Ref : F114131	Price : FF

Standard Solution - 3 components

4,4'-DDT	CAS:50-29-3	Decafluorotriphenylphosphine	CAS:5074-71-5	Endrin	CAS:72-20-8
Solvent : Dichloromethane		ampoule 1 ml	500 µg/ml	Ref : F114151	Price : DA

Toxaphene Calibration Standard Solution - 1 component

Toxaphene	CAS:8001-35-2				
Solvent : Acetone		ampoule 1 ml	2 500 µg/ml	Ref : F113495	Price : CA

EPA method 531.1

Measurement of N-methylcarbamoyloximes and N-methylcarbamates in water by direct aqueous injection HPLC with pst column derivatization

This is a high performance liquid chromatographic (HPLC) method applicable to the determinations of certain N-methylcarbamoyloximes and N-methylcarbamates in ground water and finished drinking water.

Carbamates Internal Standard Solution - 1 component

BDMC	CAS:672-99-1					
Solvent : Methanol		ampoule 10 ml	100 µg/ml	Ref : F114171	Price : BG	

Carbamates Laboratory Performances Check Solution - 4 components

Aldicarb-sulfoxide	CAS:1646-87-3	100 µg/ml	Methiocarb	CAS:2032-65-7	20 µg/ml
Carbofuran-3-hydroxy	CAS:16655-82-6	2 µg/ml	BDMC	CAS:672-99-1	10 µg/ml
Solvent : Methanol		ampoule 1 ml		Ref : F114181	Price : DF

Carbamates Standard Solution - 10 components

Aldicarb	CAS:116-06-3	Carbaryl	CAS:63-25-2	Methomyl	CAS:16752-77-5
Aldicarb-sulfone	CAS:1646-88-4	Carbofuran	CAS:1563-66-2	Oxamyl	CAS:23135-22-0
Aldicarb-sulfoxide	CAS:1646-87-3	Carbofuran-3-hydroxy	CAS:16655-82-6		
Baygon	CAS:114-26-1	Methiocarb	CAS:2032-65-7		
Solvent : Methanol		ampoule 1 ml	100 µg/ml	Ref : F114161	Price : FA

EPA method 547

Determination of glyphosate in drinking water by direct aqueous injection HPLC, post-column derivatization, and fluorescence detection

This method describes a procedure for the identification and measurement of Glyphosate (N-phosphonomethyl glycine) in drinking water matrices.

Standard Solution - 1 component

Glyphosate	CAS:1071-83-6				
Solvent : Water		ampoule 1 ml	100 µg/ml	Ref : F114201	Price : BG

EPA method 549.2

Determination of Diquat and Paraquat in drinking water by liquid-solid extraction and HPLC

... This is a high performance liquid chromatography (HPLC) method for the determination of diquat (1,1'-ethylene-2,2'-bipyridilium dibromide salt) and paraquat (1,1'-dimethyl-4,4'-bipyridilium dichloride salt) in drinking water sources and finished drinking water.

Standard Solution - 2 components

Diquat (corrected from dibromide)	CAS:83-32-9	Paraquat (corrected from dichloride)	CAS:208-96-8		
Solvent : Water		ampoule 1 ml	1 000 µg/ml	Ref : F114211	Price : DA

EPA method 550 & 550.1

Determination of polycyclic aromatic hydrocarbons in drinking water by extraction and HPLC with coupled ultraviolet and fluorescence detection

These methods describe a procedure for determination of certain polycyclic aromatic hydrocarbons (PAH) in drinking water sources and finished drinking water. Method 550 uses liquid-liquid, and 550.1 - liquid-solid extraction.

PAH Standard Solution - 16 components

Acenaphthene	CAS:83-32-9	Benzo(g,h,i)perylene	CAS:191-24-2	Indeno(1,2,3-c,d)pyrene	CAS:193-39-5
Acenaphthylene	CAS:208-96-8	Benzo(k)fluoranthene	CAS:207-08-9	Naphthalene	CAS:91-20-3
Anthracene	CAS:120-12-7	Chrysene	CAS:218-01-9	Phenanthrene	CAS:85-01-8
Benzo(a)anthracene	CAS:56-55-3	Dibenzo(a,h)anthracene	CAS:53-70-3	Pyrene	CAS:129-00-0
Benzo(a)pyrene	CAS:50-32-8	Fluoranthene	CAS:206-44-0		
Benzo(b)fluoranthene	CAS:205-99-2	Fluorene	CAS:86-73-7		
Solvent : Acetonitrile		ampoule 1 ml	1 000 µg/ml	Ref : F114231	Price : BDF

PAH Standard Solution - 16 components

Acenaphthene	CAS:83-32-9	1 000 µg/ml	Chrysene	CAS:218-01-9	625 µg/ml
Acenaphthylene	CAS:208-96-8	1 000 µg/ml	Dibenzo(a,h)anthracene	CAS:53-70-3	1.25 µg/ml
Anthracene	CAS:120-12-7	625 µg/ml	Fluoranthene	CAS:206-44-0	2.5 µg/ml
Benzo(a)anthracene	CAS:56-55-3	1 µg/ml	Fluorene	CAS:86-73-7	100 µg/ml
Benzo(a)pyrene	CAS:50-32-8	5 µg/ml	Indeno(1,2,3-c,d)pyrene	CAS:193-39-5	12.5 µg/ml
Benzo(b)fluoranthene	CAS:205-99-2	1 µg/ml	Naphthalene	CAS:91-20-3	1 000 µg/ml
Benzo(g,h,i)perylene	CAS:191-24-2	5 µg/ml	Phenanthrene	CAS:85-01-8	50 µg/ml
Benzo(k)fluoranthene	CAS:207-08-9	1.25 µg/ml	Pyrene	CAS:129-00-0	62.5 µg/ml
Solvent : Acetonitrile		ampoule 1 ml		Ref : F114221	Price : GF

EPA method 552, 552.1, 552.2, 552.3**Determination of haloacetic acids and dalapon in drinking water by extraction, derivatization, and Gas Chromatography with electron capture detection**

This is a gas chromatographic (GC) method applicable to the determination of halogenated acetic acids and Dalapon in drinking water, ground water, raw water and any intermediate treatment stage.

Haloacetic Acids Mixture - 8 components

Bromochloroacetic acid	CAS:5589-96-8	2,4-Dichlorophenol	CAS:120-83-2	Trichloroacetic acid	CAS:76-03-9
Dibromoacetic acid	CAS:631-64-1	Monobromoacetic acid	CAS:79-08-3	2,4,6-Trichlorophenol	CAS:88-06-2
Dichloroacetic acid	CAS:79-43-6	Monochloroacetic acid	CAS:79-11-8		
Solvent : Methyl-tert butylether		ampoule 1 ml	1 000 µg/ml	Ref : F114241	Price : FA

Haloacetic Acids Mixture without Surrogate - 10 components

Bromochloroacetic acid	CAS:5589-96-8	40 µg/ml	Dichloroacetic acid	CAS:79-43-6	60 µg/ml
Bromodichloroacetic acid	CAS:71133-14-7	40 µg/ml	Monobromoacetic acid	CAS:79-08-3	40 µg/ml
Chlorodibromoacetic acid	CAS:5278-95-5	100 µg/ml	Monochloroacetic acid	CAS:79-11-8	60 µg/ml
Dalapon	CAS:75-99-0	40 µg/ml	Tribromoacetic acid	CAS:75-96-7	200 µg/ml
Dibromoacetic acid	CAS:631-64-1	20 µg/ml	Trichloroacetic acid	CAS:76-03-9	20 µg/ml
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F114571	Price : FA

Haloacetic Acids Mixture with Surrogate - 11 components

Bromochloroacetic acid	CAS:5589-96-8	40 µg/ml	2,3-Dibromopropionic acid	CAS:600-05-5	100 µg/ml
Bromodichloroacetic acid	CAS:71133-14-7	40 µg/ml	Monobromoacetic acid	CAS:79-08-3	40 µg/ml
Chlorodibromoacetic acid	CAS:5278-95-5	100 µg/ml	Monochloroacetic acid	CAS:79-11-8	60 µg/ml
Dalapon	CAS:75-99-0	40 µg/ml	Tribromoacetic acid	CAS:75-96-7	200 µg/ml
Dibromoacetic acid	CAS:631-64-1	20 µg/ml	Trichloroacetic acid	CAS:76-03-9	20 µg/ml
Dichloroacetic Acid	CAS:79-43-6	60 µg/ml			
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F114431	Price : FA

Haloorganic Acids Surrogate Standard - 1 component

Solvent : Methyl-tert butylether

2,3-Dibromopropionic acid	CAS:600-05-5	ampoule 1 ml	1 000 µg/ml	Ref : F114611	Price : BH
2,3-Dibromopropionic acid methyl ester	CAS:1729-67-5	ampoule 1 ml	1 000 µg/ml	Ref : F114601	Price : BH
3,5-Dichlorobenzoic acid	CAS:51-36-5	ampoule 1 ml	1 000 µg/ml	Ref : F114621	Price : BK
3,5-Dichlorobenzoic acid methyl ester	CAS:2905-67-1	ampoule 1 ml	1 000 µg/ml	Ref : F114631	Price : EC

Methylated Haloacetic Acids Mixture - 8 components

Bromoacetic acid-methyl ester	CAS:96-32-2	Dibromoacetic acid-methyl ester	CAS:6482-26-4	Trichloroacetic acid-methyl ester	CAS:598-99-2
Bromochloroacetic acid-methyl ester	CAS:20428-74-4	Dichloroacetic acid-methyl ester	CAS:116-54-1	2,4,6-Trichloroanisole	CAS:87-40-1
Chloroacetic acid methyl ester	CAS:96-34-4	2,4-Dichloroanisole	CAS:553-82-2		
Solvent : Methyl-tert butylether		ampoule 1 ml	1 000 µg/ml	Ref : F114251	Price : HA

Methylated Haloacetic Acids Mixture without Surrogate - 10 components

Bromodichloroacetic acid-methyl ester	CAS:20428-76-6	40 µg/ml	Methyl bromochloroacetate	CAS:20428-74-4	40 µg/ml
Dalapon methyl ester	CAS:17640-02-7	40 µg/ml	Methyl chloroacetate	CAS:96-34-4	60 µg/ml
Bromochloroacetic acid-methyl ester	CAS:20428-75-5	100 µg/ml	Methyl dibromoacetate	CAS:6482-26-4	20 µg/ml
Dichloroacetic acid-methyl ester	CAS:116-54-1	60 µg/ml	Methyl tribromoacetate	CAS:3222-05-7	200 µg/ml
Methyl bromoacetate	CAS:96-32-2	40 µg/ml	Methyl trichloroacetate	CAS:598-99-2	20 µg/ml
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F114591	Price : FF

Methylated Haloacetic Acids Mixture with Surrogate - 11 components

Bromodichloroacetic acid-methyl ester	CAS:20428-76-6	40 µg/ml	Methyl chloroacetate	CAS:96-34-4	60 µg/ml
Dalapon methyl ester	CAS:17640-02-7	40 µg/ml	Methyl dibromoacetate	CAS:6482-26-4	20 µg/ml
Dibromochloroacetic acid-methyl ester	CAS:20428-75-5	100 µg/ml	Methyl tribromoacetate	CAS:3222-05-7	200 µg/ml
Dichloroacetic acid-methyl ester	CAS:116-54-1	60 µg/ml	Methyl trichloroacetate	CAS:598-99-2	20 µg/ml
Methyl bromoacetate	CAS:96-32-2	40 µg/ml	Methyl 2,3-dibromopropionate	CAS:1729-67-5	100 µg/ml
Methyl bromochloroacetate	CAS:20428-74-4	40 µg/ml			
Solvent : Methyl-tert butylether		ampoule 1 ml		Ref : F114581	Price : FF

EPA method 554**Determination of carbonyl compounds in drinking water by dinitrophenylhydrazine derivatization and HPLC**

This is a high performance liquid chromatographic (HPLC) method optimized for the determination of carbonyl compounds in finished drinking water and raw source water.

Carbonyl Compounds Standard Solution - 12 components

Acetaldehyde	CAS:75-07-0	Decanal	CAS:112-31-2	Nonanal	CAS:124-19-6
Butanal	CAS:123-72-8	Formaldehyde	CAS:50-00-0	Octanal	CAS:124-13-0
Crotonaldehyde	CAS:123-73-9	Heptanal	CAS:111-71-7	Pentanal	CAS:110-62-3
Cyclohexanone	CAS:108-94-1	Hexanal	CAS:66-25-1	Propanal	CAS:123-38-6
Solvent : Acetonitrile		ampoule 1 ml	1 000 µg/ml	Ref : F114641	Price : EF

Derivatised Carbonyl Compounds Mixture - 12 components

Acetaldehyde-DNPH	CAS:1019-57-4	Decanal-DNPH	id : 4110	Nonanal-DNPH	id : 4100
Butanal-DNPH	CAS:1527-98-6	Formaldehyde-DNPH	CAS:1081-15-8	Octanal-DNPH	CAS:1726-77-8
Crotonaldehyde-DNPH	CAS:1527-96-4	Heptanal-DNPH	CAS:2074-05-7	Pentanal-DNPH	CAS:2057-84-3
Cyclohexanone-DNPH	CAS:1589-62-4	Hexaldehyde-DNPH	CAS:1527-97-5	Propanal-DNPH	CAS:725-00-8
Solvent : Methanol/Acetonitrile (4/1)		ampoule 1 ml	1 000 µg/ml	Ref : F114651	Price : BCA

EPA method 555

Determination of chlorinated acids in water by HPLC with a photodiode array ultraviolet detector

This is a high performance liquid chromatographic (HPLC) method for the determination of certain chlorinated acids in ground water and finished drinking water.

Chlorinated Acids Mixture A - 8 components

Acifluorfen	CAS:50594-66-6	2,4-D	CAS:94-75-7	Picloram	CAS:1918-02-1
Bentazone	CAS:25057-89-0	Dicamba	CAS:1918-00-9	Silvex	CAS:93-72-1
Chloramben	CAS:133-90-4	Dichlorprop	CAS:120-36-5		
Solvent : Acetonitrile		ampoule 1 ml	1 000 µg/ml	Ref : F114661	Price : EC

Chlorinated Acids Mixture B - 8 components

2,4-DB	CAS:94-82-6	MCPA	CAS:94-74-6	Pentachlorophenol	CAS:87-86-5
3,5-Dichlorobenzoic acid	CAS:51-36-5	Mecoprop (MCP)	CAS:7085-19-0	2,4,5-T	CAS:93-76-5
Dinoseb	CAS:88-85-7	4-Nitrophenol	CAS:100-02-7		
Solvent : Acetonitrile		ampoule 1 ml	1 000 µg/ml	Ref : F114671	Price : EC

EPA method 556 & 556.1

Determination of carbonyl compounds in drinking water by pentafluorobenzylhydroxylamine derivatization and capillary Gas chromatography with electron capture detection

This is a gas chromatographic method optimized for the determination of carbonyl compounds in finished drinking water and raw source water. The primary difference between method 556 and 556.1 is that crotonaldehyde has been removed from the analyte list in the 556.1 method.

Aldehydes Mixtures (556 & 556.1) - 14 components

Acetaldehyde	CAS:75-07-0	Ethanedial	CAS:107-22-2	Nonanal	CAS:124-19-6
Benzaldehyde	CAS:100-52-7	Formaldehyde	CAS:50-00-0	Octanal	CAS:124-13-0
Butanal	CAS:123-72-8	Heptanal	CAS:111-71-7	Pentanal	CAS:110-62-3
Cyclohexanone	CAS:108-94-1	Hexanal	CAS:66-25-1	Propanal	CAS:123-38-6
Decanal	CAS:112-31-2	Methylglyoxal	CAS:78-98-8		
Solvent : Acetonitrile		ampoule 1 ml	100 µg/ml	Ref : F114771	Price : EF

Aldehydes Mixtures (556) - 15 components

Acetaldehyde	CAS:75-07-0	Decanal	CAS:112-31-2	Methylglyoxal	CAS:78-98-8
Benzaldehyde	CAS:100-52-7	Ethanedial	CAS:107-22-2	Nonanal	CAS:124-19-6
Butanal	CAS:123-72-8	Formaldehyde	CAS:50-00-0	Octanal	CAS:124-13-0
Crotonaldehyde	CAS:123-73-9	Heptanal	CAS:111-71-7	Pentanal	CAS:110-62-3
Cyclohexanone	CAS:108-94-1	Hexanal	CAS:66-25-1	Propanal	CAS:123-38-6
Solvent : Acetonitrile		ampoule 1 ml	1 000 µg/ml	Ref : F114681	Price : EF

Internal Standard Solution - 1 component

1,2-Dibromopropane	CAS:78-75-1				
Solvent : n-Hexane		ampoule 10 ml	10 µg/ml	Ref : F114791	Price : BG
		ampoule 1 ml	1 000 µg/ml	Ref : F114781	Price : BH

PFBHA Reagent - 1 component

O-(2,3,4,5,6-Pentafluorobenzyl) hydroxyl-amine hydrochloride	CAS:57981-02-9				
Solvent : Water		ampoule 1 ml	15 µg/ml	Ref : F114821	Price : CD

Surrogate Standard Solution - 1 component

2',4',5'-Trifluoroacetophenone	CAS:129322-83-4				
Solvent : Acetonitrile		ampoule 1 ml	2 000 µg/ml	Ref : F114811	Price : CB
		ampoule 1 ml	10 000 µg/ml	Ref : F114801	Price : CK

Working level (Internal Standard) - 1 component

1,2-Dibromopropane	CAS:78-75-1				
Solvent : n-Hexane		ampoule 10 ml	400 µg/ml	Ref : F114831	Price : BG