



McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road • Pittsburg • CA 94565-1701
Toll Free Telephone: 877-252-9262 • Fax: 925-252-9269
Web: www.mccampbell.com • E-mail: main@mccampbell.com

1. ACRYLAMIDE, ACRYLONITRILE, ACROLEIN & OTHER UV-ACTIVE WATER SOLUBLE COMPOUNDS

ACRYLAMIDE, ACRYLONITRILE, ACROLEIN & OTHER UV-ACTIVE WATER SOLUBLE COMPOUNDS		
Analyte	CAS #	EPA 8316
Acrylamide	79-06-1	●
Acrylonitrile	107-13-1	●
Acrolein	107-02-8	●
Nonyl Phenols	84852-15-3	(●)

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
(●) = Alternative compound(s) available using this technique.

2. ALCOHOLS

ALCOHOLS		
Analyte	CAS #	MAI Alcohols (EPA 8310m)
Butanol	71-36-3	●
Decanol	112-30-1	●
Di (ethylene glycol) ethyl ether (2-(2-Ethoxyethoxy)ethanol)	111-90-0	(●)
Ethanol	2134-29-4	●
Ethylene glycol n-butyl ether (2-Butoxy ethanol)	111-76-2	(●)
Heptanol	53535-33-4	●
Hexanol	25917-35-5	●
Isopropanol (2-Propanol)	67-63-0	●
Methanol	67-56-1	●
Octanol	29063-28-3	●
1,5-Pentanediol	111-29-5	●
Pentanol	30899-19-5	●
Propanol	71-23-8	●

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
(●) = Alternative compound(s) available using this technique.

3. ALDEHYDES & CARBONYLS

ALDEHYDES & CARBONYLS			
Analyte	CAS #	EPA 554	EPA 8315\
Acetaldehyde	75-07-0	●	●
Acetone	67-64-1		●
Acrolein	107-02-8	(●) ^z	(●)
Benzaldehyde	100-52-7		●
Butanal (Butyraldehyde)	123-72-8	●	●
Crotonaldehyde	123-73-9	●	●
Cyclohexanone	108-94-1	●	●
Decanal	112-31-2	●	●
2,5-Dimethylbenzaldehyde	5779-94-2		●
Formaldehyde	50-00-0	●	●
Heptanal	111-71-7	●	●
Hexanal (Hexaldehyde)	66-25-1	●	●
3-HPA (3-Hydroxypropanal)	2134-29-4	(●) ^z	(●) ^z
Isovaleraldehyde	590-86-3		●
Nonanal	124-19-6	●	●



McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road • Pittsburg • CA 94565-1701
 Toll Free Telephone: 877-252-9262 • Fax: 925-252-9269
 Web: www.mccampbell.com • E-mail: main@mccampbell.com

Octanal	124-13-0	●	●
Pentanal (Valeraldehyde)	110-62-3	●	●
Propanal (Propionaldehyde)	123-38-6	●	●
m-Tolualdehyde	620-23-5		●
o-Tolualdehyde	529-20-4		●
p-Tolualdehyde	104-87-0		●

● (Black print) = Basic Target Analyte, i.e. its name and result will appear on our routine reports.
 (●²) = Compound added to formal method target list that can be included with our basic reported analytes for an extra charge.
 ● (Grey print) = Formal method analyte that is not in our basic target list.

4. AMINES (Protonatable Nitrogen-Containing Compounds) by Cation Chromatography

Amines		
Analyte	CAS #	EPA 300.1m
Simple Amines		
Diethanolamine	111-42-2	(●)
Diethylamine	109-89-7	(●)
Dimethylamine	124-40-3	(●)
Ethanolamine	141-43-5	(●)
Ethylamine	75-04-7	(●)
Ethylenediamine	107-15-3	(●)
Formamide	75-12-7	(●)
Methylamine	74-89-5	(●)
Triethylamine	121-44-8	(●)
Trimethylamine	75-50-3	(●)
Melamine Group		
Ammeline (4,6-Diamino-2-hydroxy-1,3,5-triazine)	645-92-1	(●)
Ammelide	645-93-2	(●)
Cyanuric acid	108-80-5	(●)
Melamine	108-78-1	(●)
Biogenic Amines		
Cadaverine	462-94-2	(●)
Histamine	51-45-6	(●)
Putrescine	110-60-1	(●)
Cyclic Amines		
Cyclohexylamine	108-91-8	(●)
Morpholine	110-91-8	(●)
Miscellaneous		
Mepiquat	24307-26-4 (chloride salt)	(●)

(●) = Currently, there is no set target list for this technique.

5. CHLOROPHYLL & OTHER PLANT PIGMENTS & VITAMINS

CHLOROPHYLL & OTHER PLANT PIGMENTS & VITAMINS		
Analyte	CAS #	SM 10200
Beta-Carotene	7235-40-7	●
Chlorophyll-a	479-61-8	●
Chlorophyll-b	519-62-0	●
Chlorophyll-c1, c2	18901-56-9, 27736-03-4	●
Chlorophyllide-a	14897-06-4	●
Diadinoxanthin	18457-54-0	●



Fucoanthin	3351-86-8	●
Lutein	127-40-2	(●)
Neoxanthin	14660-91-4	●
Peridinin	33281-81-1	●
Violaxanthin	126-29-4	●
Zeaxanthin	144-68-3	(●)

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
 (●) = Alternative compound(s) available using this technique.
 ● (Grey print) = Formal method analyte that is not in our basic target list.

6. ETHYLENE GLYCOL & OTHER GLYCOLS & POLYOLS

ETHYLENE GLYCOL & OTHER GLYCOLS & POLYOLS		
Analyte	CAS #	MAI-EG (EPA 8310m)
Di (ethylene glycol) ethyl ether (2-(2-Ethoxyethoxy)ethanol)	111-90-0	(●)
Ethylene Glycol	107-21-1	●
Ethylene glycol n-butyl ether (2-Butoxy ethanol)	111-76-2	(●)
Hydroxytyrosol (from Olive oil)	10597-60-1	(●)
Oleuropein (from Olive oil)	32619-42-4	(●)
1,5-Pentanediol	111-29-5	(●)
Propylene Glycol	57-55-6	(●)

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
 (●) = Alternative compound(s) available using this technique.

7. GEOSMIN & MIB & OTHER 8270 SIM MODE COMPOUNDS

GEOSMIN & MIB & OTHER 8270 SIM MODE COMPOUNDS		
Analyte	CAS #	EPA 8270m
Geosmin	23333-91-7	●
MIB	507-70-0	●
Caffeine	58-08-2	(●)
D+L-Methamphetamine	4846-07-5	(●)
Morphine	57-27-2	(●)

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
 (●) = Alternative compound(s) available using this technique.

8. HALOACETIC ACIDS

HALOACETIC ACIDS			
Analyte	CAS #	EPA 552.2	HAA5 Group
Bromochloroacetic acid (BCAA)	5589-96-8	(●)	
Bromodichloroacetic acid (BDCAA)	71133-14-7	●	
Dalapon	75-99-0	●	
Dibromoacetic acid (DBAA)	631-64-1	●	●
Dibromochloroacetic acid (DBCAA)	5278-95-5	●	
Dichloroacetic acid (DCAA)	74-43-6	●	●
Monobromoacetic acid (MBAA)	79-08-3	●	●
Monochloroacetic acid (MCAA)	79-11-8	●	●
Tribromoacetic acid (TBAA)	75-96-7	(●)	
Trichloroacetic acid (TCAA)	76-03-9	●	●



McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road • Pittsburg • CA 94565-1701
Toll Free Telephone: 877-252-9262 • Fax: 925-252-9269
Web: www.mccampbell.com • E-mail: main@mccampbell.com

- (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
- (●) = Compound that can be included with our basic reported analytes for an extra charge.
- (Grey print) = Formal method analyte that is not in our basic target list.

9. LEAD SCAVENGERS

LEAD SCAVENGERS				
Analyte	CAS #	EPA 504.1	CA SRL 123-TCPA	EPA 8011
DBCP (1,2-Dibromo-3-chloropropane)	96-12-8	●	(●)	●
12-DCA (1,2-Dichloroethane)	107-06-2	(●)	(●)	(●)
EDB (1,2-Dibromoethane)	106-93-4	●	(●)	●
123-TCP (1,2,3-Trichloropropane)	96-18-4	●	●	(●)

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
(●) = Compound added to formal method target list that can be included with our basic reported analytes.

10. NITROAROMATICS & NITRAMINES

NITROAROMATICS & NITRAMINES			
Analyte	CAS #	EPA 8330	EPA 8332
2-Amino-4,6-dinitrotoluene (2-Am-DNT)	355-72-78-2	●	
4-Amino-2,6-dinitrotoluene (4-Am-DNT)	1946-51-0	●	
1,3-Dinitrobenzene (1,3-DNB)	99-65-0	●	
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	●	
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	●	
HMX	2691-41-0	●	
Nitrobenzene (NB)	98-95-3	●	
Nitroglycerin	55-63-0	(●)	●
2-Nitrotoluene (2-NT)	606-20-2	●	
3-Nitrotoluene (3-NT)	99-08-1	●	
4-Nitrotoluene (4-NT)	99-99-0	●	
RDX	121-82-4	●	
1,3,5-Trinitrobenzene (1,3,5-TNB)	99-35-4	●	
2,4,6-Trinitrotoluene (2,4,6-TNT)	118-96-7	●	
Tetryl	479-45-8	●	

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
(●) = Compound added to formal method target list that can be included with our basic reported analytes for an extra charge.

11. ORGANIC ACIDS – Also see VOLATILE FATTY ACIDS

ORGANIC ACIDS		
Analyte	CAS #	EPA 300.1m / 8330m
Acetic Acid (Ethanoic acid)	64-19-7	(●)
Butyric Acid (Butanoic acid)	107-92-6	(●)
Formic Acid (Methanoic acid)	64-18-6	(●)
Hexanoic Acid	142-62-1	(●)
Iso-Hexanoic Acid	646-07-1	(●)
Lactic Acid (2-Hydroxypropanoic acid)	50-21-5	(●)
Maleic Acid	110-16-7	(●)



McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road • Pittsburg • CA 94565-1701
 Toll Free Telephone: 877-252-9262 • Fax: 925-252-9269
 Web: www.mccampbell.com • E-mail: main@mccampbell.com

Oxamic Acid	471-47-6	(●)
Pentanoic Acid (Valeric acid)	109-52-4	(●)
Iso-Pentanoic Acid (Iso-valeric acid)	503-74-2	(●)
Propionic Acid (Propanoic acid)	79-09-4	(●)
Pyruvic Acid	127-17-3	(●)
Tartaric Acid	87-69-4	(●)
(●) = No fixed target list exists for this method		

12. ORGANIC LEAD

ORGANIC LEAD		
Analyte	CAS #	EPA 8081Am
Tetraethyl lead (TEL)	78-00-2	●
Tetramethyl lead (TML)	75-74-1	●
● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.		

13. ORGANIC MERCURY / METHYL MERCURY

ORGANIC MERCURY / METHYL MERCURY		
Analyte	CAS #	EPA 1630
Methyl mercury ⁺	22967-92-6	●
● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.		

14. ORGANIC TINS

ORGANIC TINS		
Analyte	CAS #	MAI-Organic Tins
Monobutyltin ⁺³	1118-46-3*	●
Dibutyltin ⁺²	683-18-1*	●
Tributyltin ⁺	1461-22-9*	●
Tetrabutyltin	1461-25-2	●
Monophenyltin ⁺³	1124-19-2*	(●)
Diphenyltin ⁺²	1135-99-5*	(●)
Triphenyltin ⁺	668-34-8*	(●)
● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.		
(●) = Compound added to formal method target list that can be included with our basic reported analytes for an extra charge.		
* CAS # is for the chloride compound		

15. POLYBROMINATED BIPHENYLS (PBBs) / FIRE RETARDANTS

POLYBROMINATED BIPHENYLS (PBBs) / FIRE RETARDANTS			
Analyte	Fire Retardant Brand Name	CAS #	EPA 8082m
Hexabromobiphenyls (NOS)	Firemaster BP-6	59536-65-1	●
Octabromobiphenyls (NOS)	Dow FR-250	27858-07-7	●
● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.			

16. POLYBROMINATED DIPHENYL ETHERS (PBDEs)

POLYBROMINATED DIPHENYL ETHERS (PBDEs)
--



McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road • Pittsburg • CA 94565-1701
 Toll Free Telephone: 877-252-9262 • Fax: 925-252-9269
 Web: www.mccampbell.com • E-mail: main@mccampbell.com

Analyte*	BZ #	CAS #	EPA 8082m
2,4,4'-Tribromodiphenyl ether	PBDE-28	41318-75-6	●
2,2',4,4'-Tetrabromodiphenyl ether	PBDE-47	5436-43-1	●
2,2',4,4',5-Pentabromodiphenyl ether	PBDE-99	60348-60-9	●
2,2',4,4',6-Pentabromodiphenyl ether	PBDE-100	189084-64-8	●
2,2',4,4',5,5'-Hexabromodiphenyl ether	PBDE-153	68631-49-2	●
2,2',4,4',5,6'-Hexabromodiphenyl ether	PBDE-154	207122-15-4	●
2,2',3,4,4',5,6-Heptabromodiphenyl ether	PBDE-183	207122-16-5	●
2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether	PBDE-209	1163-19-5	●

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
 * Other PBDEs are available.

17. POLYCHLORINATED BIPHENYLS (PCBs)

POLYCHLORINATED BIPHENYLS (PCBs)			
AROCLOR LIST	BZ #	CAS #	EPA 8082m
Aroclor 1016	---	12674-11-2	●
Aroclor 1221	---	11104-28-2	●
Aroclor 1232	---	11141-16-5	●
Aroclor 1242	---	53469-21-9	●
Aroclor 1248	---	12672-29-6	●
Aroclor 1254	---	11097-69-1	●
Aroclor 1260	---	11096-82-5	●
CONGENER LIST	BZ #	CAS #	EPA 8082m
2-Chlorobiphenyl	1	2051-60-7	●
2,3-Dichlorobiphenyl	5	16605-91-7	●
2,2',5-Trichlorobiphenyl	18	37680-65-2	●
2,4',5-Trichlorobiphenyl	31	16606-02-3	●
2,2',3,5'-Tetrachlorobiphenyl	44	41464-39-5	●
2,2',5,5'-Tetrachlorobiphenyl	52	35693-99-3	●
2,3',4,4'-Tetrachlorobiphenyl	66	32598-10-0	●
2,2',3,4,5'-Pentachlorobiphenyl	87	38380-02-8	●
2,2',4,5,5'-Pentachlorobiphenyl	101	37680-73-2	●
2,3,3',4',6-Pentachlorobiphenyl	110	38380-03-9	●
2,2',3,4,4',5-Hexachlorobiphenyl	137	35694-06-5	(●)
2,2',3,4,4',5'-Hexachlorobiphenyl	138	35065-28-2	●
2,2',3,4,5,5'-Hexachlorobiphenyl	141	52712-04-6	●
2,2',3,5,5',6-Hexachlorobiphenyl	151	52663-63-5	●
2,2',4,4',5,5'-Hexachlorobiphenyl	153	35065-27-1	●
2,2',4,4',5',6-Hexachlorobiphenyl	154	60145-22-4	(●)
2,2',3,3',4,4',5-Heptachlorobiphenyl	170	35065-30-6	●
2,2',3,4,4',5,5'-Heptachlorobiphenyl	180	35065-29-3	●
2,2',3,4,4',5',6-Heptachlorobiphenyl	183	52663-69-1	●
2,2',3,4',5,5',6-Heptachlorobiphenyl	187	52663-68-0	●
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	206	40186-72-9	●



McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road • Pittsburg • CA 94565-1701
 Toll Free Telephone: 877-252-9262 • Fax: 925-252-9269
 Web: www.mccampbell.com • E-mail: main@mccampbell.com

- (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports. Note that there are two target lists here.
- (●) = Compound included with our basic reported analytes that is not a formal method analyte.
- (Grey print) = Formal method analyte that is not in our basic target list.

18. POLYCHLORINATED WAXES (HALOWAXES)

POLYCHLORINATED WAXES (HALOWAXES)		
Analyte	CAS #	EPA 8082m
Halowax 1000	58718-66-4	●
Halowax 1001	58718-67-5	●
Halowax 1013	12616-35-2	●
Halowax 1014	12616-36-3	●
Halowax 1051	2234-13-1	●
Halowax 1099	39450-05-0	●

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.

19. PHARMACEUTICALS / ENDOCRINE DISRUPTORS

PHARMACEUTICALS / ENDOCRINE DISRUPTORS		
Analyte	CAS #	EPA 525.2
Carbamazepine	298-46-4	●
Estradiol	50-28-2	●
Estrone	53-16-7	●
HHCB (Hexahydro-hexamethylcyclopenta-benzopyran)	1222-05-5	●
Naphthalene	91-20-3	●
Analyte	CAS #	EPA 8330m
Sulfamethoxazole	723-46-6	●

● (Black print)= Compound has been tested by MAI. Larger target lists may be available upon request

20. VOLATILE FATTY ACIDS – Also see ORGANIC ACIDS

VOLATILE FATTY ACIDS		
Analyte	CAS #	EPA 300.1m
Acetic Acid (Ethanoic acid)	64-19-7	●
Butyric Acid (Butanoic acid)	107-92-6	●
Formic Acid (Methanoic acid)	64-18-6	●
Hexanoic Acid	142-62-1	●
Iso-Hexanoic Acid	646-07-1	●
Lactic Acid (2-Hydroxypropanoic acid)	50-21-5	●
Maleic Acid	110-16-7	(●)
Oxamic Acid	471-47-6	(●)
Pentanoic Acid (Valeric acid)	109-52-4	●
Iso-Pentanoic Acid (Iso-valeric acid)	503-74-2	●
Propionic Acid (Propanoic acid)	79-09-4	●
Pyruvic Acid	127-17-3	●
Tartaric Acid	87-69-4	(●)

● (Black print)= Basic Target Analyte, i.e. its name and result will appear on our routine reports.
 (●) = Alternative compound(s) available using this technique.