

**ANALYTICA**  
LABORATORIES

part of  
**ALS Limited**



Environmental  
(2024-2025)

**Analytica Services**

**Analytica Laboratories**

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### Introduction

Analytica laboratories is locally operated with main site in Hamilton and two satellite laboratories in Christchurch and Hawke's Bay. Analytica is a division of ALS, a worldwide laboratory that operates facilities in more than 65 nations. With a strong dedication to safety, quality control, innovation, and service excellence, the company has expanded from a single laboratory in Queensland in 1974 to a global entity with over 15,000 employees, establishing itself as a top player in numerous markets.

ALS is equipped with a diverse range of cutting-edge scientific instruments that enable prompt and precise analyses.

### Quality Assurance

Analytica laboratories are accredited by IANZ for a wide range of tests, and we adhere to the ISO/IEC 17025 guidelines in the Environmental Division. We are known for our rigorous quality assurance procedures and are at the forefront of implementing proactive measures in the industry.

### Quotations, Discounts & Expiry

Office, National Quotations, and project-specific quotations are available upon request.

All quotations are valid for a maximum period of two months from date of issue unless otherwise specified.

### Surcharges

Additional fees may be added to the quoted prices for urgent turnaround time (TAT). Usually, these surcharges amount to 40% of the total invoice as an extra charge.

### Sample containers, Dispatch

Samples may be sent to Analytica at either the

primary location in Hamilton or the branch in Christchurch. Upon request, sample containers can be supplied by our dispatch team.

It is advisable to pack samples in coolers when transporting them to Analytica. Ice packs can be utilized to help maintain a refrigerated environment for the samples during both sampling and transit. This precautionary measure helps aid the preservation of the sample and hold the desired temperature throughout transit.

### Safety, Sampling & Logistics

Analytica places great importance on ensuring the safety of its clients and staff. In order to mitigate the potential hazards associated with manual handling, Analytica has implemented a policy that restricts the size of coolers that can be utilized.

Coolers with a capacity exceeding 20-25 Liters are not favored, and those surpassing 25 kg will not be accepted by the couriers.

### Holding Time

Soil samples will be kept for a period of one (1) month under standard storage conditions, followed by two (2) months at ambient temperature. Water samples will be stored for approximately 28 days starting from the date of receipt. Following the designated retention period, all samples will be discarded unless alternative arrangements are made in advance. In the event that any samples are deemed hazardous or unsuitable for landfill disposal, the client will be given the choice to have them returned at their own cost or incur additional fees for disposal.

### Helpful contact:

Customer Service Team

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## GCMS Suites

### PAH

TEST PARAMETER	Water Routine g/m3	Water Trace g/m3	Soil Routine mg/kg	Soil Trace mg/kg
Container Required	3 x HC Vial	3 x HC Vial	SG200	SG200
1-Methylnaphthalene	0.0001	0.00006	0.01	0.001
2-Methylnaphthalene	0.0001	0.00006	0.01	0.001
Acenaphthene	0.0001	0.00002	0.01	0.001
Acenaphthylene	0.0001	0.00002	0.01	0.001
Anthracene	0.0001	0.00002	0.01	0.001
Benz[a]anthracene	0.0001	0.00003	0.02	0.001
Benzo[a]pyrene	0.0001	0.00002	0.01	0.001
Benzo[b]&[j] fluoranthene	0.0001	0.00002	0.02	0.001
Benzo[g,h,i]perylene	0.0001	0.00002	0.02	0.002
Benzo[k]fluoranthene	0.0001	0.00002	0.01	0.001
Chrysene	0.0001	0.00002	0.01	0.001
Dibenz(a,h)anthracene	0.0001	0.00002	0.01	0.001
Fluoranthene	0.0001	0.00002	0.02	0.001
Fluorene	0.0001	0.00002	0.01	0.001
Indeno(1,2,3-cd) pyrene	0.0001	0.00003	0.01	0.001
Naphthalene	0.0001	0.00006	0.01	0.002
Phenanthrene	0.0001	0.00003	0.01	0.001
Pyrene	0.0001	0.00002	0.02	0.001
Benzo[a]pyrene TEQ (LOR)	0.0001	0.00005	0.03	0.003
Benzo[a]pyrene TEQ (Zero)	0.0001	0.00002	0.01	0.001

### TPH

TEST PARAMETER	Water g/m3	Soil mg/kg
Container Required	3 x HC Vial	SG200
C7-C9	0.2	10
C10-C14	0.2	15
C15-C36	0.3	25
C7-C36 (Total)	0.5	50

### BTEX

TEST PARAMETER	Water g/m3	Soil Routine mg/kg	Soil Trace mg/kg
Container Required	3 x HC Vial	SG200	SG200
Benzene	0.001	0.05	0.05
Toluene	0.001	0.1	0.1
Ethylbenzene	0.001	0.05	0.05
m,p - Xylene	0.001	0.1	0.1
o-Xylene	0.001	0.05	0.05

**OCP**

TEST PARAMETER	Drinking Water MAVs g/m3	Water Routine g/m3	Water Trace g/m3	Soil Routine mg/kg dry wt	Soil Trace mg/kg dry wt
Container Required	Refer to Trace	3 x HC Vial	3 x HC Vial	SG200	SG200
TCMX (Surrogate) %	-	1	1	-	-
2,4'-DDD	0.0002	0.0001	0.000005	0.01	0.001
2,4'-DDE	0.0002	0.0001	0.000005	0.01	0.001
2,4'-DDT	0.0002	0.0001	0.000005	0.01	0.001
4,4'-DDD	0.0002	0.0001	0.000005	0.01	0.001
4,4'-DDE	0.0002	0.0001	0.000005	0.01	0.001
4,4'-DDT	0.0002	0.0001	0.000005	0.01	0.001
Total DDT	0.0002	0.0001	0.000005	0.02	0.001
alpha-BHC	-	0.0001	0.000005	0.01	0.005
Aldrin	0.00002	0.0001	0.000005	0.01	0.001
beta-BHC	-	0.0001	0.000005	0.01	0.001
cis-Chlordane	0.00001	0.0001	0.000005	0.01	0.001
cis-Nonachlor	-	0.0001	0.000005	0.01	0.001
delta-BHC	-	0.0001	0.000005	0.01	0.001
Dieldrin	0.00002	0.0001	0.000005	0.05	0.001
Endosulfan I	-	0.0001	0.000005	0.01	0.001
Endosulfan II	-	0.0001	0.000005	0.01	0.001
Endosulfan sulfate	-	0.0001	0.000005	0.01	0.001
Endrin	0.0002	0.0001	0.000005	0.05	0.005
Endrin aldehyde	-	0.0001	0.000005	0.01	0.001
Endrin ketone	-	0.0001	0.000005	0.01	0.001
gamma-BHC	0.0002	0.0001	0.000005	0.01	0.001
Heptachlor	0.00001	0.0001	0.000005	0.01	0.001
Heptachlor epoxide	0.00001	0.0001	0.000005	0.01	0.001
Hexachlorobenzene	-	0.0001	0.000005	0.01	0.001
Methoxychlor	0.0002	0.0001	0.000005	0.01	0.001
trans-nonachlor	-	0.0001	0.000005	0.01	0.001
trans-Chlordane	0.00003	0.0001	0.000005	0.01	0.001
Chlordane (sum)	0.00004	0.0001	0.000005	0.02	-

**PCB**

TEST PARAMETER		Water Routine g/m3	Water Trace g/m3	Soil Routine mg/kg dry wt	Soil Trace mg/kg dry wt
Container Required		3 x HC Vial	3 x HC Vial	SG200	SG200
PCB-1	2-Chlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-3	4-Chlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-4	2,2'-Dichlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-8	2,4'-Dichlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-15	4,4'-Dichlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-18	2,2',5-trichlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-28 & PCB-31	PCB-28 & PCB-31	0.0001	0.00001	0.01	0.0005
PCB-44	2,2',3,5'-Tetrachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-49	2,2',4,5'-Tetrachlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-52	2,2',5,5'-Tetrachlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-60	2,3,4,4'-tetrachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-66	2,3',4,4'-Tetrachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-77	3,3',4,4'-Tetrachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-81	3,4,4',5-Tetrachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-86	2,2',3,4,5-Pentachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-101	2,2',4,5,5'-Pentachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-105	2,3,3',4,4'-Pentachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-114	2,3,4,4',5-Pentachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-118	2,3',4,4',5-Pentachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-121	2,3',4,5',6-Pentachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-123	2',3,4,4',5-Pentachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-126	3,3',4,4',5-Pentachlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-128 & PCB-167	PCB-128 & PCB-167	0.0001	0.000005	0.01	0.0005
PCB-138	2,2',3,4,4',5'-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-141	2,2',3,4,5,5'-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-149	2,2',3,4',5',6-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-151	2,2',3,5,5',6-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-153	2,2',4,4',5,5'-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-156	2,3,3',4,4',5-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-157	2,2',4,4',5,5'-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-159	2,3,3',4,5,5'-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-169	3,3',4,4',5,5'-Hexachlorobiphenyl	0.0001	0.000005	0.01	0.0005

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PCB-170	2,2',3,3',4,4',5- Heptachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-180	2,2',3,4,4',5,5'- Heptachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-187	2,2',3,4',5,5',6- Heptachlorobiphenyl	0.0001	0.00001	0.01	0.0005
PCB-189	2,3,3',4,4',5,5'- Heptachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-194	2,2',3,3',4,4',5,5'- Octachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-195	2,2',3,3',4,4',5,6- Octachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-206	2,2',3,3',4,4',5,5',6- Nonachlorobiphenyl	0.0001	0.000005	0.01	0.0005
PCB-209	Decachlorobiphenyl	0.0001	0.00001	0.01	0.0005
2,3,7,8-TCDD TEQ		0.00001	0.000002	0.001	0.0001
PBB-103 (Surrogate) %	2,2',4,5'6- Pentabromobiphenyl	-	-	1	1
Total PCB		-	-	-	-



**SVOC**

TEST PARAMETER	Drinking Water g/m3	Water Routine g/m3	Soil Routine mg/kg dry wt
Container Required	3 x Preserved HC Vial	3 x HC Vial	SG200
1,2-Dichlorobenzene	0.001	0.001	0.5
1,3-Dichlorobenzene	-	0.001	0.5
1,4-Dichlorobenzene	0.001	0.001	0.5
2,3,4,6-Tetrachlorophenol	-	0.001	5
2,4,5-Trichlorophenol	-	0.001	5
2,4,6-Tribromophenol (Surrogate) %	-	1	1
2,4,6-Trichlorophenol	0.001	0.001	5
2,4-Dichlorophenol	-	0.0005	0.5
2,4-Dimethylphenol	-	0.001	0.5
2,4-Dinitrotoluene	-	0.001	0.5
2,6-Dichlorophenol	-	0.0005	0.5
2,6-Dinitrotoluene	-	0.001	0.5
2-Chloronaphthalene	-	0.0005	0.5
2-Chlorophenol	-	0.0005	0.5
2-Fluorobiphenyl (Surrogate) %	-	1	1
2-Fluorophenol (Surrogate) %	-	1	1
2-Methylnaphthalene	-	0.0005	0.5
2-Methylphenol	-	0.0005	0.5
2-Nitroaniline	-	-	0.5
2-Nitrophenol	-	0.001	1
2-Phenylphenol	0.01	0.01	0.5
3,3'-Dichlorobenzidine	-	-	0.5
3-Nitroaniline	-	-	0.5
4,4'-DDD	0.0005	0.0005	0.5
4,4'-DDE	-	0.0005	0.5
4,4'-DDT	-	0.001	0.5
4-Bromophenyl phenyl ether	-	0.0005	0.5
4-Chloro-3-methylphenol	-	0.001	0.5
4-Chloroaniline	-	-	1
4-Chlorophenyl phenyl ether	-	0.0005	0.5
4-Methylphenol	-	0.0005	0.5
Acenaphthene	-	0.0003	0.5
Acenaphthylene	-	0.0003	0.5
Aldrin	-	0.0005	0.5
alpha-BHC	-	0.0005	0.5
Aniline	-	-	1
Anthracene	-	0.0003	0.5
Azobenzene	-	0.0005	0.5
Benzo[a]anthracene	-	0.0003	0.5
Benzo[a]pyrene (B[a]P)	-	0.0003	0.5
Benzo[a]pyrene TEQ (LOR)	-	0.001	0.5
Benzo[a]pyrene TEQ (Zero)	-	0.0005	0.5



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Benzo[b, j]fluoranthene	-	0.0005	0.5
Benzo[g, h, i]perylene	-	0.0003	0.5
Benzo[k]fluoranthene	-	0.0005	0.5
Benzyl alcohol	-	0.005	1
beta-BHC	-	0.0005	0.5
Bis(2-Chloro-1-methylethyl) ether	-	0.0005	0.5
Bis(2-Chloroethoxy) methane	-	0.0005	0.5
Bis(2-Chloroethyl) ether	-	0.0005	0.5
Bis(2-ethylhexyl) adipate	0.01	0.01	0.5
Bis(2-ethylhexyl) phthalate	0.008	0.008	0.5
Butyl benzyl phthalate	-	0.001	0.5
Chrysene	-	0.0005	0.5
cis-Chlordane	-	0.0005	0.5
delta-BHC	-	0.0005	0.5
Dibenzo[a,h]anthracene	-	0.0003	0.5
Dibenzofuran	-	0.0005	0.5
Dieldrin	-	0.0005	0.5
Diethyl phthalate	-	0.002	0.5
Dimethyl phthalate	-	0.0005	0.5
Di-n-butyl phthalate	-	0.01	1
Di-n-octyl phthalate	-	0.001	0.5
Endosulfan I	-	0.001	0.5
Endosulfan II	-	0.001	0.5
Endosulfan sulfate	-	0.001	0.5
Endrin	-	0.001	0.5
Endrin aldehyde	-	-	0.5
Endrin ketone	-	0.001	0.5
Ethyl methanesulfonate	-	0.01	1
Fluoranthene	-	0.0003	0.5
Fluorene	-	0.0003	0.5
gamma-BHC (Lindane)	0.0005	0.0005	0.5
Heptachlor	-	0.0005	0.5
Heptachlor epoxide	-	0.0005	0.5
Hexachlorobenzene	0.0005	0.0005	0.5
Hexachlorobutadiene	-	0.001	0.5
Hexachlorocyclopentadiene	-	-	0.5
Hexachloroethane	-	0.001	0.5
Indeno(1,2,3-c,d)pyrene	-	0.0003	0.5
Isophorone	-	0.0005	0.5
Methoxychlor	0.0005	0.0005	0.5
Methyl methanesulfonate	-	0.0005	1
Naphthalene	-	0.0003	0.5
Nitrobenzene	-	0.0005	0.5
Nitrobenzene-d5 (Surrogate) %	-	1	1
N-Nitrosodi-n-propylamine	-	0.001	0.5
N-Nitrosodiphenylamine	-	0.001	0.5
Phenanthrene	-	0.0003	0.5
Phenol	-	0.002	0.5

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Phenol-d5 (Surrogate) %	-	1	1
p-Terphenyl-d14 (Surrogate) %	-	1	1
Pyrene	-	0.0003	0.5
trans-Chlordane	-	0.001	0.5

**VOC**

TEST PARAMETER	Drinking Water g/m3	Water Routine g/m3	Soil Routine mg/kg dry wt
Container Required	3 x Preserved HC Vial	3 x HC Vial	SG200
1,1,1,2-Tetrachloroethane	-	0.001	0.2
1,1,1-Trichloroethane	0.001	0.001	0.05
1,1,2,2-Tetrachloroethane	-	0.001	0.2
1,1,2-Trichloroethane	-	0.001	0.1
1,1-Dichloroethane	-	0.001	0.05
1,1-Dichloroethene	0.001	0.001	0.05
1,1-Dichloropropene	-	0.001	0.05
1,2,3-Trichlorobenzene	0.001	0.001	0.1
1,2,3-Trichloropropane	-	0.001	0.1
1,2,4-Trichlorobenzene	0.001	0.001	0.1
1,2,4-Trimethylbenzene	-	0.001	0.05
1,2-Dibromo-3-chloropropane	0.0003	0.0003	0.2
1,2-Dibromoethane (ethylene dibromide, EDB)	0.0003	0.0003	0.1
1,2-Dichlorobenzene	0.001	0.001	0.05
1,2-Dichloroethane	0.001	0.001	0.1
1,2-Dichloroethane-d4 (Surrogate) %	-	1	1
1,2-Dichloropropane	0.001	0.001	0.05
1,3,5-Trichlorobenzene	0.001	0.001	-
1,3,5-Trimethylbenzene	-	0.001	0.05
1,3-Dichlorobenzene	-	0.001	0.05
1,3-Dichloropropane	0.001	0.001	0.05
1,4-Dichlorobenzene	0.001	0.001	0.05
1,4-Dioxane	0.02	0.02	1
2,2-Dichloropropane	-	0.001	0.1
2-Chloroethyl vinyl ether	-	0.001	0.05
2-Chlorotoluene	-	0.001	0.05
2-Hexanone	-	0.01	0.1
2-Methoxy-2-methylpropane (MTBE)	-	0.001	0.5
4-Chlorotoluene	-	0.001	0.05
4-Methyl-2-pentanone (MIBK)	-	0.01	0.2
Benzene	0.001	0.001	0.05
Bromobenzene	-	0.001	0.05
Bromodichloromethane	0.001	0.001	0.05
Bromoform (Tribromomethane)	0.001	0.001	0.1
Bromomethane (Methyl Bromide)	-	0.01	0.5
Carbon disulfide	-	0.001	0.05
Carbon tetrachloride	0.001	0.001	0.05

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Chlorobenzene (Monochlorobenzene)	0.001	0.001	0.05
Chloroethane	-	0.01	0.5
Chloroform (Trichloromethane)	0.001	0.001	0.05
Chloromethane	-	0.01	0.1
Cis-1,2-Dichloroethene	0.001	0.001	0.05
Cis-1,3-Dichloropropene	0.001	0.001	0.05
Dibromochloromethane	0.001	0.001	0.1
Dibromomethane	-	0.001	0.05
Dichlorodifluoro methane	-	0.01	0.1
Ethylbenzene	0.001	0.001	0.05
Hexachlorobutadiene	0.0003	0.0003	0.1
Iodomethane	-	0.001	0.2
Isopropylbenzene	-	0.001	0.05
m,p-Xylene	0.001	0.001	0.1
Methylene chloride (Dichloromethane)	0.001	0.001	0.2
Naphthalene	-	0.001	0.1
n-Butylbenzene	-	0.001	0.05
n-Propylbenzene	-	0.001	0.05
o-Xylene	0.001	0.001	0.05
p-Bromofluorobenzene (Surrogate) %	-	1	1
p-Isopropyltoluene (p-Cymene)	-	0.001	0.05
sec-Butylbenzene	-	0.001	0.05
Styrene	0.001	0.001	0.05
tert-Butylbenzene	-	0.001	0.05
Tetrachloroethene (tetrachloroethylene)	0.001	0.001	0.05
Toluene	0.001	0.001	0.1
Toluene-d8 (Surrogate) %	-	1	1
Trans-1,2-Dichloroethene	0.001	0.001	0.05
Trans-1,3-Dichloropropene	0.001	0.001	0.05
Trichloroethene (trichloroethylene)	0.001	0.001	0.05
Trichlorofluoromethane	-	0.001	0.1
Vinyl chloride	0.0003	0.0003	0.1
Sum of THM Ratios	-	0.001	-

## LCMS Suites

### Acid Herbs

TEST PARAMETER	Water g/m3	Soil mg/kg
Container Required	3 x Preserved HC Vial	SG200
Acifluorfen	0.00005	0.05
Bentazone	0.00005	0.05
Brominal	0.00005	0.05
2,4-DB	0.00005	0.05
Dicamba	0.0005	0.05
2,4-Dichlorophenoxyacetic acid	0.00005	0.05
Dichlorprop (2,4-DP)	0.00005	0.05
Fluazifop	0.00005	0.05
Fluroxypyr	0.002	0.05
Haloxyfop	0.00005	0.05
Lontrel (clopyralid)	0.00005	0.05
MCPA acid	0.00005	0.05
MCPB	0.00005	0.05
MCPP acid	0.00005	0.05
Oryzalin	0.00005	0.05
Pentachlorophenol	0.00005	0.05
Picloram	0.0002	0.05
Quizalofop	0.00005	0.05
2,3,4,6-Tetrachlorophenol	0.0002	0.05
2,4,5,-TP (Silvex)	0.00005	0.05
Triclopyr	0.002	0.05
2,4,5-Trichlorophenolacetic acid	0.00005	0.05

**ONOP's**

TEST PARAMETER	Water g/m <sup>3</sup>	Soil mg/kg dry wt
Container Required	3 x Preserved HC Vial	SG200
3-Hydroxycarbofuran	0.0001	0.05
Acephate	0.0004	0.05
Acetochlor	0.0001	0.05
Alachlor	0.0002	0.05
Aldicarb sulfone	0.0001	0.05
Aldicarb sulfoxide	0.0001	0.05
Aldicarb	0.0001	0.05
Ametryn	0.0001	-
Atrazine	0.0001	0.05
Atrazine-desethyl	0.0001	-
Atrazine-deisopropyl	0.0001	0.05
Avermectin B1a	0.0001	0.05
Azaconazole	0.0001	0.05
Azaconazole B	0.0001	-
Azinphos-methyl	0.0001	0.05
Azoxystrobin	0.0004	0.05
Benalaxyl	0.0001	0.05
Bendiocarb	0.0001	0.05
Bitertanol	0.0001	0.05
Bromacil	0.0001	0.05
Bupirimate	0.0001	0.05
Buprofezin	0.0001	0.05
Butachlor	0.001	0.05
Carbaryl	0.0001	0.05
Carbendazim	0.0001	0.05
Carbofuran	0.0001	0.05
Chlorfluazuron	0.0001	0.05
Dursban	0.0001	-
Chlorpriphos-methyl	0.0001	0.05
Chlortoluron	0.0001	0.05
Cyanazine	0.0001	0.05
Cyfluthrin	0.001	0.05
Cypermethrin	0.0002	0.05
Cyproconazole	0.0001	0.05
Cyproconazole B	0.0001	-
Cyprodinil	0.0001	0.05
Deltamethrin	0.0001	0.05
Diazinon	0.0001	0.05
Dichlofluanid	0.0001	0.05
Dichlorvos	0.0004	0.05
Difenoconazole	0.0004	0.05
Difenoconazole C+D	0.0004	-

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Dimethoate	0.0001	0.05
Diuron	0.0001	0.05
Emamectin B1a (CAS#:121125-29-6)	0.0004	0.05
Fenarimol	0.0001	0.05
Fenpropimorph	0.0001	0.05
Fenpyroximate	0.0001	0.05
Fenvalerate	0.001	0.05
Fluazifop-butyl	0.0001	0.05
Fluometuron	0.0001	0.05
Flusilazole	0.0001	0.05
Furalaxyl	0.0001	0.05
Haloxyfop-methyl	0.0001	0.05
Hexaconazole	0.0001	0.05
Hexazinone	0.0001	0.05
Imazalil	0.0001	0.05
Imidacloprid	0.0001	0.05
Indoxacarb	0.0001	0.05
IPBC	0.0001	0.05
Iprodione	0.0001	0.05
Kresoxim-methyl	0.0001	0.05
L-Cyhalothrin	0.0002	-
Linuron	0.0001	0.05
Lufenuron	0.0001	0.05
Malathion	0.0001	0.05
Metalaxyl	0.0001	0.05
Methamidophos	0.0001	0.05
Methiocarb	0.0001	0.05
Methomyl	0.0001	0.05
Metolachlor	0.0001	0.05
Metribuzin	0.0001	0.05
Mevinphos	0.0001	0.05
Mevinphos B	0.0001	-
Molinate	0.0001	0.05
Monocrotophos	0.0001	0.05
Myclobutanyl	0.0001	-
Naled	0.0001	0.05
Norfluazuron (wrong name)	0.0001	0.05
Omethoate	0.0001	0.05
Oxyflurofen	0.0002	0.05
Paclobutrazol	0.0001	0.05
Parathion	0.0001	-
Pendimethalin	0.0001	0.05
Permethrin	0.0001	0.05
Permethrin B	0.0001	-
Pirimicarb	0.0001	0.05
Pirimiphos-methyl	0.0001	0.05
Prochloraz	0.0001	0.05

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Procymidone	0.001	0.05
Prometryn	0.0001	0.05
Propachlor	0.0001	0.05
Propanil	0.0001	0.05
Propazine	0.0001	0.05
Propiconazole	0.0001	0.05
Pyrimethanil	0.0001	0.05
Pyriproxyfen	0.0001	0.05
Quizalofop-ethyl	0.0001	0.05
Simazine	0.0001	0.05
Simetryn	0.0001	0.05
Sulfentrazone	0.0001	0.05
TCMTB	0.0001	0.05
Tebuconazol	0.0001	0.05
Terbufos	0.0002	0.05
Terbumeton	0.0001	0.05
Terbuthylazine	0.0004	0.05
Terbuthylazine-desethyl	0.0001	0.05
Terbutryn	0.0001	0.05
Tetrachlorvinphos	0.0001	0.05
Tetraconazole	0.0001	0.05
t-fluvalinate	0.0002	-
Thiabendazole	0.0001	0.05
Thiacloprid	0.0001	0.05
Thiobencarb	0.0001	0.05
Tolyfluanide	0.0001	0.05
Triazophos	0.0001	0.05
Triflumuron	0.0001	0.05
Pyridate	0.0001	-
Isoproturon	0.0001	-
Primisulfuron-methyl	0.0001	-



**PFAS**

TEST PARAMETER	Water Screen g/m3	Water Standard g/m3	Water Trace g/m3	Soil mg/kg
Container Required	3 x PFAS-W Vials	3 x PFAS-W Vials	3 x PFAS-W Vials	PFAS-S
<b>Perfluorinated Sulfonic Acids (PFSA)</b>				
PFPoS (linear)	0.01	0.0010	0.00020	0.0010
PFBS (linear)	0.01	0.0010	0.00020	0.0010
PFPeS (linear)	0.01	0.0010	0.00020	0.0010
PFHxS (linear)	0.01	0.0010	0.00010	0.0010
PFHxS (mono-branched)	0.01	0.0010	0.00010	0.0010
PFHxS (di-branched)	0.01	0.0010	0.00010	0.0010
PFHxS (Total)	0.01	0.0010	0.00010	0.0010
PFHpS (linear)	0.01	0.0010	0.00020	0.0010
PFOS (linear)	0.01	0.0010	0.00010	0.0010
PFOS (mono-branched)	0.01	0.0010	0.00010	0.0010
PFOS (di-branched)	0.01	0.0010	0.00010	0.0010
PFOS (Total)	0.01	0.0010	0.00010	0.0010
PFNS (linear)	0.01	0.0010	0.0010	0.0010
PFDS (linear)	0.01	0.0010	0.0010	0.0010
<b>Perfluoroalkyl carboxylic Acids</b>				
PFBA	0.1	0.010	0.0010	0.0010
PFPeA	0.1	0.010	0.00050	0.0010
PFHxA	0.01	0.0010	0.00040	0.0010
PFHpA	0.01	0.0010	0.00030	0.0010
PFOA	0.01	0.0010	0.00020	0.0010
PFNA	0.01	0.0010	0.00020	0.0010
PFDA	0.01	0.0010	0.00020	0.0010
PFUnDA	0.01	0.0010	0.0010	0.0010
PFDoDA	0.01	0.0010	0.0010	0.0010
PFTTrDA	0.01	0.0010	0.0010	0.0010
PFTeDA	0.01	0.0010	0.0010	0.0010
<b>Perfluorinated Sulfonamides</b>				
PFOSA	0.01	0.0010	0.00020	0.0010
N-EtFOSA	0.01	0.0010	0.0010	0.0010
N-MeFOSA	0.01	0.0010	0.0010	0.0010
<b>Perfluorinated sulfonamidoacetic acids</b>				
N-EtFOSAA	0.01	0.0010	0.0010	0.0010
N-MeFOSAA	0.01	0.0010	0.0010	0.0010
<b>Perfluoroalkyl sulfonamidoethanols</b>				
N-EtFOSE	0.01	0.0010	0.0010	0.0010
N-MeFOSE	0.01	0.0010	0.0010	0.0010
<b>Fluorotelomer Sulfonates</b>				
4:2 FTS	0.01	0.0010	0.0010	0.0010
6:2 FTS	0.050	0.0050	0.0050	0.0050
8:2 FTS	0.01	0.0010	0.0010	0.0010
<b>Other</b>				
HFPO-DA	0.01	0.0010	0.0010	0.0010
<b>PFAS Summations</b>				

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Sum (PFHxS (Total) + PFOS (Total))*	-	-	-	-
Sum (PFOS (Total) + PFOA (Total))*	-	-	-	-
Sum (PFHxS (Total) + PFOS (Total) + PFOA)*	-	-	-	-
Sum of PFAS (n=10)*	-	-	-	-
Sum of PFAS (n=30)*	-	-	-	-
<b>Internal Standards / Surrogates</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>
13C4-PFOS-Na	-	-	-	1
13C4-PFOA	-	-	-	1
13C3-PFBS-Na	1	1	1	1
13C3-PFHxS-Na	1	1	1	1
13C8-PFOS-Na	1	1	1	1
13C4-PFBA	1	1	1	1
13C5-PFPeA	1	1	1	1
13C5-PFHxA	1	1	1	1
13C4-PFHpA	1	1	1	1
13C8-PFOA	1	1	1	1
13C9-PFNA	1	1	1	1
13C6-PFDA	1	1	1	1
13C7-PFUdA	1	1	1	1
13C2-PFDoDA	1	1	1	1
13C2-PFTeDA	1	1	1	1
13C8-FOSA	1	1	1	1
D5-N-EtFOSA-M	1	1	1	1
D3-N-MeFOSA-M	1	1	1	1
D5-N-EtFOSAA	1	1	1	1
D3-N-MeFOSAA	1	1	1	1
D9-N-EtFOSE-M	1	1	1	1
D7-N-MeFOSE-M	1	1	1	1
13C2-4:2 FTS-Na	1	1	1	1
13C2-6:2 FTS-Na	1	1	1	1
13C2-8:2 FTS-Na	1	1	1	1
13C3-HFPO-DA	1	1	1	1