

SCOPE OF ACCREDITATION

Exova Canada Inc.
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Accredited Laboratory No. 272

(Conforms with requirements of CAN-P-1585, CAN-P-1587 , CAN-P-4E (ISO/IEC 17025:2005))

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CLIENTS SERVED: All interested parties.

FIELDS OF TESTING: Biological, Chemical/Physical

PROGRAM SPECIALTY AREA: Agriculture Inputs, Food, Animal Health and Plant Protection (PSA-AFAP) , Environmental

ISSUED ON: 2010-11-04

VALID TO: 2014-07-02

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products: (Human and Animal Consumption)

Animal or Vegetable Fats and Oils and Their Cleavage Products;

prepared edible fats; animal or vegetable waxes

Beverages, Spirits and Vinegars

Cereals and Products of the Milling Industry

Coffee, Tea, Mate, Spices

Dairy Products (Except Unpasteurized Milk for Payment Purposes)

Edible Fruits and Nuts

Edible Vegetables and Certain Roots and Tubers

Preparation of Vegetables, Fruits, Nuts and Parts of Plants

Preparation of Cereals, Flour, Starch; Pastrycook s Products

Sugars and Sugar Confectionary

Natural Health Products

Environmental (Swabs and Sponges)

Meat and Edible Meat Offal

Nutritional and Dietary Supplements

Eggs

(Chemistry)

TM FOOD 001-50

Ash (AOAC 923.03 Modified)

TM FOOD 002-50

Determining Bone Particle Size (CFIA FLS-1971-001 Modified)

TM FOOD 003-50	Moisture (AOAC 950.46 Modified)
TM FOOD 005-50	Total Fat by Ankom (AOCS Am 5-04 Modified)
TM FOOD 006-50	Crude Protein in Food by TKN (AOAC 981.10 Modified)

(Microbiological)

MFHPB-19	Enumeration of Coliforms, Faecal Coliforms and of <i>E. coli</i> Using the MPN Method (TM MICR 070-50)
MFHPB-21	Enumeration of <i>Staphylococcus aureus</i> in Foods (TM MICR 091-50)
MFHPB-30	<i>Listeria sp.</i> and <i>Listeria monocytogenes</i> - Presence or Absence (TM MICR 089-50)
MFHPB-34	Enumeration of <i>E. Coli</i> and Coliforms in Food Products and Food Ingredients Using 3M™ Petrifilm™ <i>E.coli</i> Count Plates (TM MICR 084-50)
MFLP-15	The Detection of Listeria Species from Environmental Surfaces using the Dupont Qualicon Bax System Method and Direct Plating (TM MICR 140-50)
MFLP-28	The DuPont Qualicon BAX® System Method for the Detection of <i>Listeria monocytogenes</i> in a Variety of Food (TM MICR 135-50)
MFLP-29	The DuPont Qualicon BAX® System Method For The Detection of <i>Salmonella</i> in a Variety of Food and Environmental Samples (TM MICR 134-50)
MFLP-30	<i>Escherichia coli</i> O157:H7 by Dupont Qualicon BAX® in Food and Environmental Samples
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Food (TM MICR 090-50)
MFLP-75	Procedure for the Isolation of Salmonella species by the Modified Semi-Solid Rappaport Vassiliadis (TM MICR 125-50)
MFLP-80, MFLP-90	Isolation of <i>E.coli</i> O157:H7 in Foods (TM MICR 073-50)
MLG 4.04	Isolation and Identification of <i>Salmonella</i> from Meat, Poultry and Egg Products (TM MICR 124-50)
MLG 4C.02	FSIS Procedure for the Use of a PCR Assay for Screening <i>Salmonella</i> in Raw Meat, Carcass Sponge Samples, Whole Bird Rinses, Ready-to-Eat Meat and Poultry Products and Pasteurized Egg Products (TM MICR 134-50)
TM MICR 076-50	Enumeration of Yeast and Molds - Pour Plate and Spread Plate Method (MFHPB-22 Modified)
TM MICR 086-50	Heterotrophic Plate Count (Aerobic Plate Count) and Anaerobic Plate Count - Pour Plate Method (MFHPB-18 Modified)
TM MICR 103-50	Enumeration of <i>Enterobacteriaceae</i> Species in Food and Environmental Samples Using 3M™ Petrifilm™ <i>Enterobacteriaceae</i> Count Plates (MFLP-09 Modified)
TM MICR 136-50	Test for Absence of <i>Salmonella</i> Species by USP Methodology (USP 2022 Modified)
TM MICR 138-50	Test for <i>Pseudomonas aeruginosa</i> by USP Methodology (USP 61 modified)

TM MICR 139-50	Test for Absence of <i>Staphylococcus aureus</i> by USP Methodology (USP 2022 Modified)
USP 2021	Microbial Enumeration Tests - Nutritional and Dietary Supplements. Test for Total Aerobic Microbial Count. TM MICR 086-50
USP 2022	Test for Absence of <i>Escherichia coli</i> by USP Methodology TM MICR 137-50
USP 61	Test for <i>Pseudomonas aeruginosa</i> by USP Methodology TM MICR 138-50

Edible Fruits and Nuts

Refer to Minor Heading: Preparation of Vegetables, Fruits, Nuts and Parts of Plants

Edible Vegetables and Certain Roots and Tubers

Refer to Minor Heading: Preparation of Vegetables, Fruits, Nuts and Parts of Plants

Preparation of Vegetables, Fruits, Nuts and Parts of Plants

(Carbamates - Tissue - included in the Multiresidue Pesticides)

TM PEST 007 - 50	Carbamates in Soil, Water, Fruit and Vegetable Tissue by HPLC/MSD (JAOAC, Vol. 78, No. 5, 1995 Agriculture & Agrifood Canada Method #P-RE 023- 95(7.0)-FV. 1996. & EPA 8318 Modified) 3-Hydroxy-Carbofuran Aldicarb Carbaryl Carbofuran Methiocarb Methomyl Propoxur (Baygon)
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(FV2 Pesticide Group - included in the Multiresidue Pesticides)

TM PEST 002 - 50	Multi-Residue Pesticides in Soil, Water, Fruit and Vegetable Tissue by HPLC/MSD & GC/MSD(JAOAC, Vol. 78, No. 5, 1995 Agriculture & Agrifood Canada Method Modified) Carboxin Clomazone Coumaphos Cypermethrin Cyprazine Deltamethrin Dialifos Dichloran Ethofumesate
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Propiconazole
Tebuconazole
Terbacil

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental

Oil

(PCB - Oil)

TM PCB002-50 Analysis of Polychlorinated Biphenyls (PCB's) in Transformer Oil by GC/ECD (EPA 3580/8082 Modified)
Total PCB

Soil/Sediment

(Acid Herbicides - Soil)

TM PEST 006-50 Acid Herbicides in Soil, Water and Fruit and Vegetable Tissue by HPLC/MSD(EPA 555/8321 Modified)
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
Bromoxynil
Clopyralid
Dicamba
Dichloroprop
Dinoseb
Imazapyr
Imazethapyr
MCPA
MCPB
Mecoprop
Picloram
Triclopyr

(Amines and Glycols - Soil)

Internally Developed Method Glycols by HPLC/MSD TM GLYCOL 001-50
Diethylene Glycol
Ethylene Glycol

Internally Developed Method	Propylene Glycol
	Tetraethylene Glycol
	Triethylene Glycol
	Sulfolane, Diisopropanolamine, and other Alkanoamines by HPLC/MSD TM SULF 001-50
	Diethanolamine
	Diisopropanolamine
	Ethanolamine
	Methyldiethanolamine
	Sulfolane
Triethanolamine	

(BTEX - Soil)

FID TM BTX 003-50	B.T.E.X. and F1 in Soil Samples by GC/MS/ (EPA 5035/8260 Modified)
	Benzene
	Ethylbenzene
	m/p-Xylene
	Methyl t-Butyl Ether
	o-Xylene
	Styrene
	Toluene

(Coliforms - Soil, Sludges)

APHA 9221 B APHA 9221 E APHA 9221 F	Enumeration of Coliforms, Faecal Coliforms and of <i>E. coli</i> Using the MPN Method (TM MICR 070-50)
	<i>Escherichia coli</i> (<i>E. coli</i>)
	Fecal Coliforms
	Total Coliforms

(Glyphosate - Soil)

TM PEST 011-50	Glyphosate in Soil and Water by HPLC/MSD (JAOAC (2001) 84(G) Modified)
	AMPA
	Glyphosate

(Neutral Herbicides - Soil - included in the Multiresidue Pesticides)

TM PEST 005-50	Neutral Herbicides in Soil, Water, Fruit and Vegetable Tissue by GC/MSD (EPA 8081 Modified)
	Alachlor
	Atrazine

Benfluralin
Butylate
Chloroprotham
Cyanazine
Desethyl-Atrazine
Desmetryn
Diallate I
Diallate II
Dichlobenil
Dicofop-methyl
Diphenylamine
Ehtalfluralin
EPTC
Fenoxaprop-ethyl
Fluazifop-p-butyl
Hexazinone
Metalaxyl
Metolachlor
Metribuzin
Pirimicarb
Profluralin
Prometryn
Pronamide
Propazine
Quizalofop-ethyl
Simazine
Terbuthylazine
Terbutryn
Triallate
Trifluralin

(Organo-chloride Pesticides - Soil - included in the Multiresidue Pesticides)

TM PEST 001-50 Organo-Chlorine Pesticides in Soil, Water, Fruit and Vegetable
Tissue by GC/MSD (EPA 8081 Modified)
2,4'-DDD
2,4'-DDE
2,4'-DDT
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
BHC-alpha
BHC-beta
BHC-delta

BHC-gamma (Lindane)
Captan
Chlorbenside
Chlordane-alpha
Chlordane-gamma
Chlorfenson
Chlorothalonil
Chlorthal - Dimethyl
Dichlofluanid
Dicofol
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Heptachlor
Heptachlor Epoxide
Hexachlorobenzene
Methoxychlor
Mirex
Nitrofen
Permethrin - cis
Permethrin -trans
Procymidone
Propachlor
Quintozene
Tecnazen
Tetradifon
Tolyfluanid
Triadimefon
Vinclozolin

(Organo-phosphorus Pesticides - Soil - included in the Multiresidue Pesticides)

TM PEST 003-50

Organo-Phosphorus Pesticides in Soil, Water and Fruit and
Vegetable Tissue by GC/MSD (EPA 8141 Modified)

Acephate
Aspon
Azinphos-ethyl
Bromophos
Bromophos-ethyl
Carbophenothion
Chlormephos
Chlorofenvinphos-cis
Chlorofenvinphos-trans

Chlorpyrifos
Chlorpyrifos-methyl
Chlorthiophos
cis-Mevinphos
Cyanophos
Demeton I
Demeton II
Diazinon
Dichlofenthion
Dichlorvos
Dicrotophos
Dimethoate
Dioxathion
Disulfoton
EPN
Ethion
Fenchlorophos
Fenitrothion
Fenthion
Fonofos
Isofenphos
Malaixon
Malathion
Methidathion
Methyl Parathion
Parathion
Phorate
Phosalone
Phosmet
Phosphamidon
Pirimiphos-ethyl
Pirimiphos-methyl
Profenfos
Pyrazophos
Quinalophos
Sulfotep
Terbufos
Tetrachlorvinphos
trans-Mevinphos

(PAH - Soil)

TM PAH 002-50

Analysis of Polynuclear Aromatic Hydrocarbons (PAHs) in
Soil/Sludge by GC/MS (EPA 3540/3611/8270 Modified)
Acenaphthene

Acenaphthylene
Acridine
Anthracene
Benzo (a) anthracene
Benzo (a) pyrene
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (j) fluoranthene
Benzo (k) fluoranthene
Chrysene
Dibenzo (a,h) anthracene
Fluoranthene
Fluorene
Indeno (1,2,3 - cd) pyrene
Naphthalene
Phenanthrene
Pyrene
Quinoline

(PCB - Soil)

TM PCB 003-50 Analysis of Polychlorinated Biphenyls (PCB's) in Soil &
Sludges by GC/ECD(EPA 3540/8082 Modified)
Total PCB

(Petroleum Hydrocarbons (PHC) - Soil)

TM BTX 003-50 B.T.E.X. and F1 in Soil Samples by
GC/MSD/FID(CCME-CWS-PHCS-TIER 1 Modified)
F1: C6-C10

(Petroleum Hydrocarbons (PHC) - Soil)

TM CCME 001-50 CCME Petroleum Hydrocarbons in Soil by Benchmark Method
by GC/FID Soxhlet (CCME-CWS-PHCS-TIER 1 Modified)
F2: C10-C16
F3: C16-C34
F4: C34-C50
F4G Gravimetric Heavy Hydrocarbons
F4HTG C34+ Hydrocarbons (or >C34)

(Petroleum Hydrocarbons (PHC) - Soil/Sediment)

TM CCME 002-50 CCME Petroleum Hydrocarbons in Soil (Alternate method-Cold
Shake) by GC/FID(CCME-CWS-PHCS-TIER 1 Modified)
F2: C10-C16

F3: C16-C34

F4: C34-C50

F4HTG C34+ Hydrocarbons (or >C34)

(Sterilants - Soil)

TM PEST 004-50 Sterilant Scan in Soil, Water and Foliage by HPLC (AENV A119.0 Modified)
Atrazine
Bromacil
Chlorotoluron
Cyanazine
Diuron
Fenuron
Isoproturon
Linuron
Metoxuron
Monolinuron
Simazine
Tebuthiuron

(Total Extractable Hydrocarbons (TEH) - Soil)

TM TEH 001-50 Petroleum Hydrocarbons in Soil by GC/FID (AENV G108.0 Modified)
Total Extractable Hydrocarbons (C11-C40+)

Waste

(BTEX - Waste)

TM TCLP 002-50 Toxicity Characteristic Leachate Procedure for the Determination of Volatile Organic Compounds by GC/FID/PID (EPA 1311 Modified)
Leachable Benzene
Leachable Ethylbenzene
Leachable Toluene
Leachable Xylenes

(Semivolatile Organic Compounds - Waste)

TM TCLP 002-50, TM PCP 001-50 & TM PAH 001-50 Toxicity Characteristic Leachate Procedure for the Determination of Volatile Organic Compounds by GC/FID/PID (EPA 1311 & EPA 8041/1653/8270 & EPA 3510/8270 Modified)
2,3 Dichlorophenol

2,3,4 Trichlorophenol
2,3,4,5-Tetrachlorophenol
2,3,4,6-tetrachlorophenol
2,3,5 Trichlorophenol
2,3,5,6-Tetrachlorophenol
2,3,6 Trichlorophenol
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,5&2,6 Dichlorophenol
2-Chlorophenol
3,4 Dichlorophenol
3,4,5 Trichlorophenol
3,5 Dichlorophenol
3-Chlorophenol
4-Chloro-3-methylphenol
4-Chlorophenol
Acenaphthene
Acenaphthylene
Acridine
Anthracene
Benzo (a) anthracene
Benzo (a) pyrene
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (j) fluoranthene
Benzo (k) fluoranthene
Chrysene
Dibenzo (a,h) anthracene
Fluoranthene
Fluorene
Indeno (1,2,3-cd) pyrene
Naphthalene
Pentachlorophenol
Pentachlorophenol
Phenanthrene
Pyrene
Quinoline

(VOC - Soil and Waste)

TM VOC 002-50

Volatile Organic Compounds in Soil and Waste By Gas
Chromatography/Mass Spectrometry (GC/MC): Capillary
Column Technique (EPA 5030/8260 Modified)
1,1,1,2 - Tetrachloroethane

1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethylene
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,3-Trichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,2-Dichloropropane
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,3-Dichloropropane
1,4-dichlorobenzene
2,2-Dichloropropane
2-Butanone (MEK)
2-Chloroethyl Vinyl Ether
2-Chlorotoluene
2-Hexanone
4-Chlorotoluene
4-Methyl-2-Pentanone (MIBK)
Acetone
Acetonitrile
Acrylonitrile
Allyl Chloride
Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
Carbon Tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
cis-1,4-Dichloro-2-butene
Dibromochloromethane

Dibromomethane
Dichlorodifluoromethane
Dichloromethane
Ethyl Methacrylate
Ethylbenzene
hexachlorobutadiene
Hexachloroethane
Iodomethane
Isopropyl Benzene
m/p-Xylene
Methacrylonitrile
Methyl methacrylate
Methyl Tertbutyl Ether
Naphthalene
n-Butylbenzene
n-Propylbenzene
o-Xylene
Pentachloroethane
p-Isopropyltoluene
Propionitrile
sec-Butylbenzene
Styrene
tert-Butylbenzene
Tetrachloroethylene
Toluene
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene
Trichloroethylene
Trichlorofluoromethane
Vinyl Chloride

Water (Microbiology)

(Pseudomonas aeruginosa - Water)

Method TM MICR 100-50 *Pseudomonas aeruginosa* - Membrane Filtration (APHA 9213 E Modified)

(Coliforms - Water - COLILERT)

APHA 9223 B Enzyme Substrate Coliform Test TM MICR 068-050
Escherichia coli (*E. coli*)
Total Coliforms

(Coliforms - Water - Membrane Filtration)

APHA 9222 G
APHA 9222 D
APHA 9222 B

Membrane Filtration Technique for Members of the Coliform Group TM MICR 092-50

Escherichia coli (E. coli)
Fecal Coliforms
Total Coliforms

(Coliforms - Water - MPN)

APHA 9221 B
APHA 9221 E
APHA 9221 F

Enumeration of Coliforms, Faecal Coliforms and E. Coli Using the MPN Method (TM MICR 070-50)

Escherichia coli (E. coli)
Fecal Coliforms
Total Coliforms

(Heterotropic Plate Count - Water - Pour Plate)

TM MICR 086-50

Heterotrophic Plate Count (Aerobic Plate Count) and Anaerobic Plate Count - Pour Plate Method (APHA 9215 B Modified)

(Iron Related Bacteria - Water)

IRB-BART Biodetection Kit,
Droycon Bioconcepts Inc.

Iron Related Bacteria - IRB-BART TM MICR 095-50

(Sulfate Reducing Bacteria - Water - MPN)

SRB-BART Biodetection Kit,
Droycon Bioconcepts Inc.

Sulphate Reducing Bacteria - SRB-BART TM MICR 203-50

Water (Organic)

(Acid Herbicides - Water)

TM PEST 006-50

Acid Herbicides in Soil, Water and Fruit and Vegetable Tissue by HPLC (EPA 555/8321 Modified)

2,4,5-TP (Silvex)
2,4,5-Trichlorophenoxyacetic acid
2,4-DB
2,4-Dichlorophenoxyacetic acid
Bromoxynil
Clopyralid
Dicamba

Dichloroprop
Dinoseb
Imazapyr
Imazethapyr
MCPA
MCPB
Mecoprop
Picloram
Triclopyr

(Amines and Glycols - Water)

Internally Developed Method Glycols by HPLC/MSD TM GLYCOL 001-50
Diethylene glycol
Ethylene glycol
Propylene glycol
Tetraethylene glycol
Triethylene glycol
Internally Developed Method Sulfolane, Diisopropanolamine, and other Alkanoamines by
HPLC/MSD TM SULF 001-50
Diethanolamine
Diisopropanolamine
Ethanolamine
Methyldiethanolamine
Sulfolane
Triethanolamine

(BTEX - Water)

TM BTX 004-50 B.T.E.X. and F1 in Water Samples by MSD/FID (EPA
5035/8260/8021 Modified)
Benzene
Ethylbenzene
m/p-Xylene
Methyl t-Butyl Ether
o-Xylene
Styrene
Toluene

(Glyosphate - Water)

TM PEST 011-50 Glyphosate in Soil and Water by HPLC/MSD (JAOAC (2001),
84 (G) Modified)
Aminomethyl Phosphoric Acid (AMPA)
Glyosphate

(Neutral Herbicides - Water)

TM PEST 005-50	Neutral Herbicides in Soil, Water, Fruit and Vegetable Tissue by GC/MSD (EPA 8081 Modified)
	Alachlor
	Atrazine
	Benfluralin
	Butylate
	Chloroprotham
	Cyanazine
	Deethylatrazine
	Deisopropylatrazine
	Desethyl-atrazine
	Desmetryn
	Diallate I
	Diallate II
	Dichlobenil
	Didealkylatrazine
	Diphenylamine
	EPTC
	Ethalfuralin
	Hexazinone
	Metalaxyl
	Metolachlor
	Metribuzin
	Pirimicarb
	Profluralin
	Prometryn
	Pronamide
	Propazine
	Simazine
	Terbutylazine
	Terbutryn
	Triallate
	Trifluralin

(Organo-chlorine Pesticides - Water - included in the Multiresidue Pesticides)

TM PEST 001-50	Organo-Chlorine Pesticides in Soil, Water, Fruit and Vegetable Tissue by GC/MSD (EPA 8081 Modified)
	2,4'-DDD
	2,4'-DDE
	2,4'-DDT
	4,4'-DDD

4,4'-DDE
4,4'-DDT
Aldrin
BHC -alpha
BHC -beta
BHC -delta
Captan
Chlorbenside
Chlordane - alpha
Chlordane - gamma
Chlorfenson
Chlorothalonil
Chlorthal - Dimethyl
Dichlofluanid
Dicofol
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Heptachlor
Heptachlor Epoxide
Hexachlorobenzene
Lindane (gamma-BHC)
Methoxychlor
Mirex
Nitrofen
Permethrin - cis
Permethrin -trans
Procymidone
Propachlor
Quintozene
Tetradifon
Tolyfluanid
Triadimefon
Vinclozolin

(PAH - Water)

TM PAH 001-50

Analysis of Polynuclear Aromatic Hydrocarbons (PAH's) in Water by GC/MS (EPA 3510/8270/3611 Modified)

Acenaphthene
Acenaphthylene
Acridine
Anthracene

Benzo (a) anthracene
Benzo (a) pyrene
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (j) fluoranthene
Benzo (k) fluoranthene
Chrysene
Dibenzo (a,h) anthracene
Fluoranthene
Fluorene
Indeno (1,2,3 - cd) pyrene
Naphthalene
Phenanthrene
Pyrene
Quinoline

(PCB - Water)

TM PCB 001-50 Analysis of Polychlorinated Biphenyls (PCB's) in Water by
GC/ECD (EPA 3150/8082 Modified)
Total PCB

(Petroleum Hydrocarbons (PHC) - Water)

TM CCME 003-50 CCME Petroleum Hydrocarbons in Water (AENV A108.0
Modified)
F2: (C10-C16)
F3: (C16-C34)

(Phenols - Water)

TM PCP 001-50 Analysis of Chlorinated Phenolics in Water by In Situ
Acetylation and GC/MS (EPA 8041/1653/8270 Modified)
2,3 Dichlorophenol
2,3,4 Trichlorophenol
2,3,4,5-Tetrachlorophenol
2,3,4,6-Tetrachlorophenol
2,3,5 Trichlorophenol
2,3,5,6-Tetrachlorophenol
2,3,6 Trichlorophenol
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,5&2,6 Dichlorophenol
2-Chlorophenol

3,4 Dichlorocatechol
3,4 Dichlorophenol
3,4,5 Trichlorophenol
3,5 Dichlorophenol
3-Chlorophenol
4-Chloro-3-methylphenol
4-Chlorophenol
Pentachlorophenol

(VOC - Water)

TM VOC 001-50

Volatile Organic Compounds in Water By Gas Chromatography/Mass Spectrometry (GC/MS): Capillary Column Technique (EPA 5030/8260 Modified)

1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethylene
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,3-Trichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,2-Dichloroethane
1,2-Dichloropropane
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,3-Dichloropropane
1,4-Dichlorobenzene
2,2-Dichloropropane
2-Butanone (MEK)
2-Chloroethyl Vinyl Ether
2-Chlorotoluene
2-Hexanone
4-Chlorotoluene
4-Methyl-2-Pentanone (MIBK)
Acetone
Acetonitrile
Acrylonitrile
Allyl Chloride

Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
Carbon Tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
cis-1,4-Dichloro-2-butene
Dibromochloromethane
Dibromomethane
Dichlorodifluoromethane
Dichloromethane
Ethyl Methacrylate
Ethylbenzene
Hexachlorobenzene
hexachlorobutadiene
Iodomethane
Isopropyl Benzene
m/p-Xylene
Methacrylonitrile
Methyl Methacrylate
Methyl Tertbutyl Ether
Naphthalene
n-Butylbenzene
n-Propylbenzene
o-Xylene
Pentachloroethane
p-Isopropyltoluene
Propionitrile
sec-Butylbenzene
Styrene
tert-Butylbenzene
Tetrachloroethylene
Toluene
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene
Trichloroethylene

Trichlorofluoromethane
Vinyl Chloride

Notes:

CAN-P-4E (ISO/IEC 17025): General Requirements for the Competence of Testing and Calibration Laboratories

CAN-P-1587: Requirements - Accreditation of Agriculture Inputs, Food, animal Health and Plant Protection Testing Laboratories

CAN-P-1585: Requirements for Accreditation of Environmental Testing Laboratories

AENV: Alberta Environment

AOAC: Association of Official Analytical Chemist

APHA: American Public Health Association, Standard Methods for the Examination of Water and Wastewater, 21st Ed.

APHA Foods: American Public Health Association, Compendium of Methods for Microbiological Examination of Foods, 3rd Ed, 1992

CCME-CWS-PHCS Tier 1: Canadian Council of Ministers of the Environment, Reference Method for the Canada-Wide Standard for Petroleum Hydrocarbons in Soil - Tier 1

CFIA FLS: Canadian Food Inspection Agency - Food Laboratory Services

EPA: Environmental Protection Agency

JAOAC: Journal of the Association of Official Analytical Chemists

MFHPB and MFLP: Compendium of Analytical Methods; HPB Methods of Microbiological Analysis of Foods, Health Protection Branch, Health Canada

MLG: USDA/FSIS: Microbiology Laboratory Guidebook

USP: United States Pharmacopeia

S. Cross, Director, Conformity Assessment

Date: 2010-11-04

Number of Scope Listings: 68

SCC 1003-15/352

Partner File #0

Partner: SCC