TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory:	**Silliker Canada Co. Ltd (dba Mérieux NutriSciences)**
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SCC File Number:	15180
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological Chemical/Physical
Program Specialty Area:	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP)
Initial Accreditation:	1993-06-08
Most Recent Accreditation:	2025-03-13
Accreditation Valid to:	2029-06-08

SCC Group Accreditation:
This laboratory is part of a Group Accreditation with the following facilities in accordance with SCC's policy on Group Accreditation documented in the Accreditation Services Accreditation Program Overview: Silliker Canada Co.Ltd, dba Meriux NutriSciences, Markham, ON (file # 15024).

ANIMAL AND PLANTS (AGRICULTURE)

Agricultural products (except food and chemicals):

Hemp and Hemp Products

Canada

M-H624	Analysis of Six Cannabinoids in Cannabis, Cannabis Oil and Related Products by LC/MS/MS or HPLC-UV Method reference: modified AOAC 2018.11 Technique: LC/MS/MS or HPLC-UV Matrices: Cannabis related products Analytes: Cannabidiol (CBD) Cannabinol (CBN) Cannabigerol (CBG) (-)-Δ9-Tetrahydrocannabinol (Δ9-THC) (-)-Δ8-Tetrahydrocannabinol (Δ8-THC) Cannabichromene (CBC) Cannabidivarin (CBDV) Tetrahydrocannabivarin (THCV) Total CBD Total THC
M-H625	Determination of Pesticides and Mycotoxins in Dried Cannabis Products and Oil by GC/MS/MS and LC/MS/MS Method reference: Agilent 5994-0429EN Technique: GC/MS/MS and LC/MS/MS Matrices: Cannabis and hemp products Analytes: Abamectin Acephate Acequinocyl Acetamiprid Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Aldicarb Allethrin Azadirachtin Azoxystrobin Benzovindiflupyr Bifenazate Bifenthrin Boscalid Buprofezin Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos Clofentezine Clothianidin Coumaphos Cyantraniliprole Cyfluthrin Cypermethrin Cyprodinil Daminozide Deltamethrin Diazinon Dichlorvos Dimethoate Dimethomorph Dinotefuran Dodemorph Endosulfan sulfate Endosulfan-alpha Endosulfan-beta Ethoprophos Etofenprox Etoxazole Etridiazole Fenoxycarb Fenpyroximate Fensulfothion Fenthion Fenvalerate Fipronil Flonicamid Fludioxonil Fluopyram Hexythiazox Imazalil Imidacloprid IprodioneKinoprene Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methoprene Mevinphos MGK-264 Myclobutanil Naled Novaluron Ochratoxin A Oxamyl Paclobutrazol Parathion methyl Permethrin Phenothrin Phosmet Piperonyl Butoxide Pirimicarb Prallethrin Propiconazole Propoxur Pyraclostrobin Pyrethrin I Pyrethrin II Pyridaben Quintozene (PCNB) Resmethrin Spinetoram-Spinosyn J Spinetoram-Spinosyn L Spinosyn A Spinosyn D Spirodiclofen Spiromesifen Spirotetramat Spiroxamine Tebuconazole Tebufenozide Teflubenzuron Tetrachlorvinphos

	Tetramethrin Thiacloprid Thiamethoxam Thiophanate-methyl Trifloxystrobin
M-H628	Determination of Terpenes in CBD Oil by GC/MS/MS Method reference: PMC7407962 Technique: GC/MS/MS Matrices: Hemp oil, CBD oil Analytes: Alpha-Pinene Beta-Caryophyllene Alpha-Humulene Limonene Linalool Myrcene Terpinolene 3-Carene Alpha-Bisabolol Alpha-Cedrene Alpha-Terpinene Beta-Pinene Borneol Camphene Camphor Caryophyllene Oxide Cedrol Cis-Nerolidol Cis-Ocimene Endo-fenchyl Alcohol Eucalyptol Fenchone Gamma-Terpinene Geraniol Geranyl Acetate Guaiol Isopulegol Hexahydrothymol (Menthol) Nerol p-Mentha-1,5-diene Sabinene Hydrate Terpineol Trans-Nerolidol Trans-Ocimene Valencene

Foods and Edible Products (Human and Animal Consumption):

Foods (includes tests done on multiple of the food categories given below)

QA-0350-2000	Phthalates in Foods, Water, Oil and Personal Care Products by GC-MS/MS Method reference: GB/T21911-2008 Technique: GC/MS/MS Matrices: Food, cooking oil Analytes: DMP (dimethyl phthalate) DEP (diethyl phthalate) DBP (dibutyl phthalate) BBP (benzyl butyl phthalate) DEHP (diethylhexyl phthalate) DnOP (di-n-octyl phthalate) DiNP (di-isononyl phthalate) DiDP (di-isodecyl phthalate)
AS-CC-015	Determination of 4-Methyl Imidazole in Food by LC-MS/MS Method reference: Internal LC/MS/MS Technique: LC/MS/MS Matrices: Food
M-C041a	Determination of Sulfites in Foods Using Monier – Williams Method Method reference: AOAC 990.28 Technique: Monier-Williams Matrices: Food Analytes: sulfite, sulfur dioxide
M-C043	Determination of Toxic Heavy Metals and Elements in Foods by ICP/MS Method reference: modified AOAC 2015.01 Technique: ICP-MS Matrices: Food Analytes: aluminum antimony arsenic boron beryllium cadmium chromium copper iron lead magnesium molybdenum manganese mercury nickel selenium tin titanium zinc

M-C557	Arsenic Speciation in Rice, and Rice Products, Water and Dairy Using High Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometric Determination Method reference: FDA EAMS HPLC-ICPMS Technique: HPLC-ICPMS Matrices: Rice and rice-containing food products Analytes: inorganic arsenic organic arsenic total arsenic
M-H127	Determination of Sulfonamide Residues in Honey, Eggs and Dairy Products by LC/MS/MS Method reference: CFIA ACC-082 Technique: LC/MS/MS Matrices: honey, egg, dairy products Analytes: dapsone ormetoprim sulfabenzamide sulfacetamide sulfachlorpyridazine sulfadiazine sulfadimethoxine sulfadoxine sulfaethoxypyridazine sulfaguanidine sulfamerazine sulfameter sulfamethazine sulfamethizole sulfamethoxazole sulfamethoxypyridazine sulfamonomethoxine sulfamoxole sulfanilamide sulfaphenazole sulfapyridine sulfaquinoxaline sulfisomidine sulfathiazole sulfisoxazole trimethoprim
M-H146b	Determination of Acrylamide in Food by LC/MS/MS Method reference: Agilent 2012 Technique: LC/MS/MS Matrices: Food Analyte: acrylamide
M-H317a	Determination of Aflatoxin B1, B2, G1 and G2 in Food by LC/MS/MS Method reference: Aflaprep IFU (P07v25) Technique: LC/MS/MS Matrices: Food Analytes: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2
M-H402b	Determination of Melamine and Cyanuric Acid in Food and Pet Food by LC/MS/MS Method reference: CFIA LC/MS/MS Technique: LC/MS/MS Matrices: Food, pet food Analytes: melamine cyanuric acid
M-H402f	Method for Determination of Melamine Residue in Foods using LC/MS/MS Method reference: US FDA Bulletin 4422 Technique: LC/MS/MS Matrices: Food Analyte: melamine
M-H422	Determination of Oil- and Water- Soluble Dyes in Fat-Soluble and Processed Foods by LC/MS/MS Method reference: Modified ASTA Method 28.0

	Technique: LC/MS/MS Matrices: Food Analytes: Auramine O Chrysoidine G Citrus Red 2 Fast Garnet GBC Metanil Yellow Methyl Yellow Oil Orange SS Orange II p-Nitroaniline Para Red Rhodamine B Solvent Blue 59 Sudan Black B Sudan Blue II Sudan Orange G Sudan Red 7B Sudan Red B Sudan Red G Sudan-I Sudan-II Sudan-III Sudan-IV Toluidine Red
M-H422a	Determination of Water-Soluble Colours in Foods by HPLC Method reference: CFIA LCAQ-111-05 Technique: HPLC-UV Matrices: Food Analytes: 4,5-diiodofluorescein Allura Red Amaranth Azorubine(Carmoisine) Blue Brillant FCF Bordeaux R Brilliant Black Chrysoidine G Crocein Orange G Eosin y Erythrosin B Erythrosin Yellowish Fast Green FCF Fast Red E Indigo Carmine Lissamine Green Orange GGN (alpha-Naphthol Orange) Orange II Patent Blue VF Patent Blue Violet Calcium Ponceau 4R (New Coccine) Ponceau SX Quinoline Yellow Rhodamine B Sunset Yellow FCF Tartrazine
M-H552d	Determination of Perchlorate and Chlorate in Water and Dairy Products, and Perchlorate in Fruit (Only for: Apples) by LC/MS/MS Method reference: Health Canada 2009 Technique: LC/MS/MS Matrices: Water, dairy and apples Analytes: perchlorate chlorate
M-H559	Determination of Herbicides in Food by LC/MS/MS Method reference: CFIA PMR-006 Technique: LC/MS/MS Matrices: Food Analytes:2,4-D 2,4-DB 2,4,5-T 3,5-Dichlorobenzoic acid Acifluorfen Bentazon Bromoxynil Chloramben Clopyralid DCPA(Tetrachloroterephthalate) Dicamba Dichlorprop(2,4-DP) Dinoseb Fenoprop(2,4,5-TP) MCPA MCPB Mecoprop(MCPP) p-Nitrophenol Pentachlorophenol(PCP) Triclopyr
M-H561	Multi-mycotoxins Analysis in Food by LC/MS/MS Method reference: CFIA BFCL-050 Technique: LC/MS/MS Matrices: Food Analytes: 3-acetyldeoxynivalenol 15-acetyldeoxynivalenol aflatoxin B1 aflatoxin B2 aflatoxin G1 aflatoxin G2 cyclopiazonic acid deoxynivalenol diacetoxyscirpenol(DAS) ergocristine ergocryptine ergosine

	fumonisin B1 fumonisin B2 fumonisin B3 fusarenone-X HT-2 toxin neosolaniol nivalenol ochratoxin A sterigmatocystin T-2 toxin α-zearalenol β-zearalenol zearalenone(ZEA)
M-H566	Determination of Histamine in Food by LC/MS/MS Method reference: Internal LC/MS/MS Technique: LC/MS/MS Matrices: Fish and related products, food Analyte: histamine
M-H575	Determination of Bisphenol A (BPA), Bisphenol S (BPS), Bisphenol F (BPF) and Bisphenol A Diglycidyl Ether (BADGE) in Infant Formula and Processed Food using LC/MS/MS Method reference: BPA by LC/MS/MS Technique: LC/MS/MS Matrices: Food and infant formula Analytes: Bisphenol A (BPA) Bisphenol S (BPS) Bisphenol F (BPF) Bisphenol A Diglycidyl Ether (BADGE)
M-H577	Determination of Multi-Class Antibiotic Residues in Dairy and Egg by LC/MS/MS Method reference: JoCA 1218 (2011) 1443 Technique: LC/MS/MS Matrices: Dairy and egg products Analytes: Amoxicillin Ampicillin Chlortetracycline Ciprofloxacin Cloxacillin Danofloxacin Dicloxacillin Difloxacin Doxycycline Enrofloxacin Erythromycin Flumequine Josamycin Lincomycin Marbofloxacin Nafcillin Norfloxacin Oxacillin Oxolinic acid Oxytetracycline Penicillin-G Penicillin-V Sarafloxacin Spiramycin Sulfachlorpyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfamerazine Sulfamethazine Sulfamethizole Sulfamethoxazole Sulfamethoxypyridazine Sulfamonomethoxine Sulfapyridine Sulfaquinoxaline Sulfathiazole Sulfisoxazole Tetracycline Tilmicosin Tylosin
M-H578	Determination of Multi-Class Antibiotics in Animal Tissue and Cooked, Processed Foods by LC/MS/MS Method reference: CFIA CVDR-M-3031 Technique: LC/MS/MS Matrices: Food and animal products Analytes: Amoxicillin Ampicillin Cefazolin Cephalexin (subclass of β-lactams) Chloramphenicol Chlortetracycline Ciprofloxacin Clindamycin Cloxacillin Danofloxacin Desacetylcephapirin Desethylene ciprofloxacin Desfuroyl Ceftiofur Cystine Disulfide Dicloxacillin Doxycycline Enrofloxacin Erythromycin Florfenicol Gamithromycin Josamycin Lincomycin Nafcillin Neospiramycin

	Norfloxacin Ofloxacin Oleandomycin Oxacillin Oxytetracycline Penicillin G Pirlimycin Sarafloxacin Spiramycin Sulfabenzamide Sulfacetamide Sulfachlorpyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazine Sulfaguanidine Sulfamerazine Sulfamethazine Sulfamethoxypyridazine Sulfaquinoxaline Sulfathiazole Tetracycline Thiamphenicol Tiamulin Tildipirosin (20,23-Piperidinyl-mycaminosyl-tylonolide) Tilmicosin Trimethoprim Tulathromycin Tylosin
M-H579	Determination and Confirmation of Coccidiostats in Animal Tissue, Eggs and Dairy using LC/MS/MS Method reference: ACA700 (2011) 167-176Technique: LC/MS/MS Matrices: Food, animal tissue, eggs, dairy Analytes: Amprolium Buquinolate Clopidol Decoquinate Diclazuril Dinitolmide Halofuginone Lasalocid Maduramicin Monensin Narasin Nicarbazin Robenidine Salinomycin Toltrazuril Sulfone
M-H580	Determination of Glyphosate and AMPA, Glufosinate and Ethephon in Fruits, Vegetables, Honey and Processed Food by LC/MS/MS Method reference: EU Ref Lab for SRM Technique: LC/MS/MS Matrices: Food Analytes: glyphosate glufosinate AMPA (aminomethylphosphonic acid) ethephon
M-H611	Determination of Furfuryl Alcohol in Foods by GC-MS Method reference: JOCS Vol 45:7 (2007) Technique: GC/MS Matrices: Food Analyte: furfuryl alcohol
M-P062	3-MCPD in Food Products by GC/MSD or GC/MS/MS Method reference: MAFF: 3-MCPD in Food Technique: GC/MS/MS Matrices: Food Analyte: 3-MCPD (3-monochloropropanediol)
QA-0200-4116	Water Activity Determination of Foods Method reference: AOAC 978.18 Technique: Water Activity Meter Matrices: Food Analytes: water activity
QA-0200-4101	Moisture by Vacuum Oven Method reference: AOAC (varies by matrix) Technique: Vacuum oven Matrices: Food Analyte: moisture
QA-0200-4102	Moisture by Forced Air Oven Method reference: AOAC / AOCS (varies by matrix)

	Technique: Forced air oven Matrices: Food Analyte: moisture
QA-0225-2001	Ash of Foods and Feeds by Ignition (Dry Ashing) Method reference: AOAC / AOCS (varies by matrix) Technique: ash by ignition (furnace) Matrices: Food Analyte: ash
QA-0245-2305	Salt by Potentiometric Titration Method reference: AOAC / USP (varies by matrix) Technique: potentiometric titration Matrices: Food Analyte: salt
QA-0270-5304	pH of Various Foods Method reference: standard methods (varies by matrix) Technique: pH meter Matrices: Food Analyte: pH

Dairy Products

M-H078dn	Determination of Vitamin D3 (Cholecalciferol) in UHT milk by LC/MS/MS
	Method reference: Modified AOAC 2002.05/11.11
	Technique: LC/MS/MS
	Matrices: Dairy
	Analytes: Vitamin D3
M-H175	Determination of Aflatoxin M1 in Dairy Products by LC/MS/MS
	Method reference: CFIA DAR-CHE-041
	Technique: LC/MS/MS
	Matrices: Dairy
	Analytes: Aflatoxin M1
M-H402d	Determination of Melamine, Ammeline, Ammelide, and Cyanuric Acid in Dairy by LC/MS/MS
	Method reference: CFIA v1.1 17 Sep 2008
	Technique: LC/MS/MS
	Matrices: Dairy
	Analytes: melamine ammeline ammelide cyanuric acid
M-P533	Determination of PAHs in Dairy by GC/MS/MS
	Method reference: Agilent 5991-6088EN
	Technique: GC/MS/MS
	Matrices: Dairy
	Analytes: Benzo(a)pyrene Benz(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(ghi)perylene Indeno(1,2,3-cd)pyrene Chrysene

Honey / Processed Fruits and Vegetables

M-H126	Determination of Phenicol Residues in Honey by LC/MS/MS
	Method reference: CFIA ACC-062
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Chloramphenicol, Thiamphenicol, Florfenicol
M-H129	Determination of Tetracycline Residues in Honey by LC/MS/MS
	Method reference: CFIA ACC-042
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Chlortetracycline Doxycycline Epi-chlortetracycline Epi-oxytetracycline Epi-tetracycline Oxytetracycline Tetracycline
M-H141	Determination of Benomyl in Fresh and Processed Fruits and Vegetables, Honey and Syrup by LC/MS/MS
	Method reference: CFIA SPR-003
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Benomyl as Carbendazim
M-H194	Determination of Ionophores in Honey by LC/MS/MS
	Method reference: CFIA ACC-057
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Lasalocid, Maduramycin, Monensin, Narasin, Salinomycin
M-H195	Determination of Fluoroquinolones in Honey by LC/MS/MS
	Method reference: CFIA ACC-080
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Ciprofloxacin Danofloxacin Desethylene Ciprofloxacin Difloxacin Enoxacin Enrofloxacin Flumequine Marbofloxacin Nalidixic acid Norfloxacin Ofloxacin Orbifloxacin Oxolinic acid Pipemidic acid Sarafloxacin Sparfloxacin
M-H220	Determination of Nitrofuran Metabolites in Honey by LC/MS/MS
	Method reference: CFIA ACC-070
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: AHD (1-Aminohydantoin hydrochloride) AMOZ (3-Amino-5-morpholinomethyl-oxazolidin-2-one) AOZ (3-Amino-2-oxazolidinone) SEM (semicarbazide)
M-H239	Determination of Macrolide Residues in Honey by LC/MS/MS
	Method reference: CFIA ACC-066
	Technique: LC/MS/MS

	Matrices: Honey
	Analytes: Clindamycin Erythromycin Gamithromycin Josamycin Lincomycin Neospiramycin Oleandomycin Pirlimycin Spiramycin Tildipirosin Tilmicosin Tulathromycin Tylosin Tylosin B (Desmycosin) Tylvalosin
M-H362a	Determination of Aminoglycosides in Honey by LC/MS/MS
	Method reference: JLC Vol 27 No.5, 2004
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Amikacin Apramycin Dihydrostreptomycin Gentamicin Hygromycin Kanamycin Neomycin Spectinomycin Streptomycin Tobramycin
M-H364	Determination of Penicillin Residues in Honey by LC/MS/MS
	Method reference: CFIA ACC-063
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Penicillin G Ampicillin Penicillin V Amoxicillin Oxacillin Nafcillin Cloxacillin Dicloxacillin
M-H553	Determination of Pesticides in Fresh and Processed Fruits and Vegetables by GC/MS/MS and LC/MS/MS
	Method reference: CFIA PMR-016
	Technique: GC/MS/MS and LC/MS/MS
	Matrices: Fruits and vegetables (fresh and processed)

M-H553 (cont'd)	**Analytes analyzed by GC/MS/MS:** Acephate Acetochlor Acibenzolar-s-methyl Alachlor Allethrin-d-trans Allidochlor Ametryn Aminocarb Aramite Aspon Atrazine Atrazine-desethyl Azinphos-ethyl Azoxystrobin Benalaxyl Benfluralin Benodanil Bensulide Benzoylprop-ethyl BHC Alpha BHC beta Bifenox Bifenthrin Biphenyl Boscalid Bromacil Bromophos Bromophos-ethyl Bromopropylate Bupirimate Buprofezin Butachlor Butralin Butylate Captafol Captan Carbetamide Carbofenthion Carboxin Chlorbenside Chlorbromuron Chlorbufam Chlordane – Total Chlordimeform Chlorfenapyr Chlorfenson Chlorfenvinphos (e+z) Chlorflurenol-methyl Chloridazon Chlormephos Chlorobenzilate Chloroneb Chloropropylate Chlorothalonil Chlorpropham Chlorpyrifos Chlorpyrifos-methyl Chlorthal-dimethyl (Dacthal) Chlorthiamid Chlorthion Chlorthiophos Chlozolinate Clomazone Coumaphos Crotoxyphos Crufomate Cyanazine Cyanophos Cycloate Cyfluthrin (I,II,III,IV) Cyhalothrin-lambda Cypermethrin Cyprazine Cyproconazole Cyprodinil Cyromazine Deltamethrin Demeton-O Demeton-S Demeton-S-methyl Desmetryn Di-allate Diazinon Diazinon o analogue Dichlobenil Dichlofenthion Dichlofluanid Dichlormid Dichlorvos Diclobutrazole Diclofop-methyl Dicloran Dicofol Dicrotophos Dieldrin Diethatyl-ethyl Dimethachlor Dimethoate Dinitramine Dioxathion Diphenamid Diphenylamine Disulfoton Disulfoton sulfone Edifenphos Endosulfan sulphate Endosulfan-alpha Endosulfan-beta Endrin EPN EPTC Erbon Esfenvalerate Etaconazole Ethalfluralin Ethion Ethofumesate Ethoprophos Ethylan Etridiazole Etrimfos Fenamiphos Fenamiphos sulfone Fenamiphos sulfoxide Fenarimol Fenbuconazole Fenchlorophos (Ronnel) Fenfuram Fenitrothion Fenpropathrin Fenpropimorph Fenson Fensulfothion Fenthion Fenvalerate Fipronil Flamprop-isopropyl Flamprop-methyl Fluchloralin Fludioxonil Flumetralin Fluorochloridone Fluorodifen Flusilazole Fluvalinate Folpet Fonofos HCH-delta (delta-lindane) Heptachlor Heptachlor epoxide endo Heptenophos Hexachlorobenzene Hexaconazole Hexazinone Imazalil Indaziflam Indoxacarb Iodofenphos Iprobenfos Iprodione Isazophos Isofenphos Isopropalin Isoprothiolane Kresoxim-methyl Leptophos Lindane (gamma-BHC)

	Malaoxon Malathion Mecarbam Metalaxyl Metazachlor Methamidophos Methidathion Methoprotryne Methoxychlor Methyl pentachlorophenyl-s Metobromuron Metolachlor Metribuzin Mevinphos-cis Mevinphos-trans Mexacarbate Mirex Molinate Monocrotophos Monolinuron Myclobutanil Naled Nitralin Nitrapyrin Nitrofen Nitrothal-isopropyl Norflurazon Nuarimol o,p'-DDD (o,p'-TDE) o,p-DDE o,p'-DDT Octhilinone Omethoate Ortho-phenylphenol Oxadiazon Oxadixyl Oxychlordane Oxyflurofen p,p'-DDD (p,p'-TDE) p,p'-DDE p,p'-DDT Paraoxon Parathion Parathion-methyl Pebulate Penconazole Pendimethalin Pentachloroaniline Pentachlorobenzene Permethrin Phenthoate Phorate Phorate sulfone Phosalone Phosmet Phosphamidon Piperonyl butoxide Pirimicarb Pirimiphos-ethyl Pirimiphos-methyl Prochloraz Procymidone Profenofos Profluralin Promecarb Prometon Prometryne Pronamide Propachlor Propanil Propargite Propazine Propetamphos Propham Propiconazole Prothiophos Pyracarbolid Pyrazophos Pyrethrin Pyridaben Quinalphos Quinomethionate Quintozene Secbumeton Simazine Simetryn Sulfallate Sulfotep Sulprophos TCMTB Tebuconazole Tecnazene Terbacil Terbufos Terbumeton Terbutryne Terbutylazine Tetrachlorvinphos Tetradifon Tetraiodoethylene Tetramethrin Tetrasul Thiobencarb Tolclofos-methyl Tolyfluanid Tralomethrin Triadimefon Tri-allate Triazophos Tribufos Tricyclazole Trifloxystrobin Triflumizole Trifluralin Triflumuron Vernolate Vinclozolin **Analytes analyzed by LC/MS/MS** 3-hydroxyCarbofuran Abamectin Acetamiprid Acetochlor Aclonifen Aldicarb Aldicarb Sulfone Aldicarb sulfoxide Anilofos Azaconazole Azoxystrobin Bendiocarb Benoxacor Bensulide Bitertanol Bromuconazole Butafenacil Butocarboxim sulfoxide Cadusafos Carbaryl Carbendazim Carbetamide Carbofuran Carbosulfan Carfentrazone-ethyl

	Chlorantraniliprole Chlorbromuron Chloridazon Chlorimuron-ethyl Chloroxuron Chlorpropham Chlorthiamid Chlortoluron Clodinafop-propargyl Cloquintocet-mexyl Clothianidin Coumaphos Cyanofenphos Cyazofamid Cycloxydim Cycluron Cyromazine Demeton-O Demeton-S Demeton-S-methyl Demeton-s-methyl sulfone Demeton-s-methyl sulfoxide Desmedipham Dialofos Dichlofluanid Diclocymet Dicrotophos Diethofencarb Difenoconazole Dimethametryn Dimethoate Dimethomorph Dimetilan Dimoxystrobin Diniconazole Dinitramine Dioxacarb Dipropetryn Diuron Dodemorph Emamectin Total Epoxiconazole Ethiofencarb Ethiofencarb sulfone Ethiofencarb sulfoxide Ethiprole Ethirimol Ethoprop Etofenprox Etoxazole Fenamidone Fenazaquin Fenhexamid Fenoxanil Fenoxycarb Fenpropidin Fenpropimorph Fenpyroximate Fensulfothion Fentrazamide Fluazifop-butyl Flubendiamide Flucarbazone-sodium Fluoxastrobin Flutolanil Flutriafol Forchlorfenuron Formetanate Fosthiazate Fuberidazole Furathiocarb Griseofulvin Haloxyfop Imazamethabenz-methyl Imidacloprid Indaziflam Ipconazole Iprovalicarb Isocarbamide Isoprocarb Isoxadifen-ethyl Isoxathion Linuron Mandipropamid Mepanipyrim Mephosfolan Methabenzthiazuron Methidathion Methiocarb Methiocarb sulfone Methiocarb Sulfoxide Methomyl Methoxyfenozide Methyl trithion Metobromuron Metolcarb Metosulam Metoxuron Mexacarbate Molinate Monocrotophos Napropamide Naptalam Neburon Nicotine Norflurazon Novaluron Ofurace Omethoate Oxadixyl Oxamyl Oxamyl oxime Oxycarboxin Oxydemeton methyl Paclobutrazol Pencycuron Penoxsulam Phosmet ,Phosphamidone Picolinafen Picoxystrobin Piperophos Pretilachlor Primisulfuron-methyl Prodiamine Promecarb Propamocarb Propoxur Pymetrozine Pyraclostrobin Pyraflufen-ethyl Pyridaphenthion Pyridalyl Pyridate Pyrifenox Pyrimethanil

	Pyriproxyfen Pyroquilon Pyroxsulam Quinoxyfen Quizalofop Quizalofop-ethyl Schradan Simeconazole Spinosyn A Spinosyn D Spirodiclofen Spiromesifen Spirotetramat Spiroxamine Sulfentrazone TCMTB Tebufenozide Tebufenpyrad Tebupirimfos Tepraloxydim Tetraconazole Thiabendazole Thiacloprid Thiamethoxam Thiazopyr Thiodicarb Thiofanox Thiofanox sulfone Thiofanox sulfoxide Thiophanate methyl Tolfenpyrad Tolyfluanid Tralkoxydim Triadiminol Trichlorfon Triflumuron Tricyclazole Trietazine Trifloxysulfuron Triforine Trimethacarb Zinophos Zoxamide
M-H574	Determination of Multi-Antibiotic Residues in Honey using LC/MS/MS
	Method reference: AFC 2008 56 1553-59
	Technique: LC/MS/MS
	Matrices: Honey
	Analytes: Chloramphenicol Chlortetracycline Ciprofloxacin Danofloxacin Difloxacin Doxycycline Enrofloxacin Erythromycin Fumagillin Lincomycin Monensin Oxytetracycline Sarafloxacin Sulfathiazole Tetracycline Tylosin Tylosin B
M-H629	Determination of Diquat and Paraquat in Fresh Fruits and Vegetables and Processed Food by LC/MS/MS
	Method reference: EURL-SRM High Polar
	Technique: LC/MS/MS
	Matrices: Food
	Analytes: Diquat, Paraquat
M-P007h	Determination of Pesticides in Honey by GC/MS/MS and LC/MS/MS
	Method reference: CFIA PMR-016
	Technique: GC/MS/MS and LC/MS/MS
	Matrices: Honey

M-P007h (cont'd)	**Analytes analyzed by LCMSMS:** 3-OH-carbofuran Abamectin Acetamiprid Acetochlor Aclonifen Aldicarb Aldicarb sulfone Aldicarb sulfoxide Anilofos Azaconazole Bendiocarb Benoxacor Bensulide Bitertanol Bromuconazole Butacarboxim sulfoxide Butafenacil Cadusafos Carbaryl Carbendazim Carbofuran Carbosulfan Carfentrazone ethyl Chlodinafop propargyl Chlorantraniliprole Chlorbromuron Chloridazon Chlorimuron ethyl Chlorotoluron Chloroxuron Chlorthiamid Cloquintocet methyl Clothianidin Cyanofenphos Cyazofamid Cycloxydim Cycluron Cyromazine Demeton-S-Me-S Demeton-S-Me-SO2 Desmedipham Dialifos Diclocymet Diethofencarb Difenoconazole Dimethametryn Dimethoate Dimethomorph Dimetilan Dimoxystrobin Diniconazole Dinitramine Dioxacarb Dipropetryn Diuron Dodemorph Emamectin Epoxyconazole Ethiofencarb Ethiofencarb sulfone Ethiofencarb sulfoxide Ethiprole Ethirimol Ethoprop Etofenprox Etoxazole Fenamidone Fenazaquin Fenhexamid Fenoxanil Fenpropidine Fenpropimorph Fenpyroximate Fensulfothion Fentrazamide Fluazifop-butyl Flubendiamide Flucarbazone-Na Fluoxastrobin Flutolanil Flutriafol Forchlorfenuron Fosthiazate FuberidazoleFurathiocarb Griseofulvin Holoxyfop Imazamethabenz-Me Imidacloprid Indoxacarb Ipconazole Iprovalicarb Isocarbamide Isoprocarb Isoxadifen-ethyl Isoxathion Linuron Mepanipyrim Mephosfolan Methabenzthiazuron Methidathion Methiocarb Methiocarb sulfone Methiocarb sulfoxide Methomyl Methoxyfenozide Methyl trithion Metobromuron Metolcarb Metosulam Metoxuron Molinate Na-propamide Na-ptalam Neburon Ofurace Oxadixyl Oxamyl Oxamyl-oxime Oxycarboxin Oxydemeton-Me Paclobutrazol Pencycuron

M-P007h (cont'd)	Phenoxsulam Phosmet Phosphamidon Picolinafen Picoxystrobin Piperophos Pretilachlor Primisulfuron-methyl Prodiamine Promecarb Propoxur Pymetrozine Pyraclostrobin Pyraflufen-ethyl Pyridalyl Pyridaphenthion Pyridate Pyrifenox Pyrimethanil Pyriproxyfen Pyroquilon Pyroxsulam Quinoxyfen Quizalofop Quizalofop-ethyl Schradan Simeconazole Spinosyn A + D Spirodiclofen Spiromesifen Spirotetramat Spiroxamine Sulfentrazone TCMBT Tebufenozide Tebufenpyrad Tebupirimfos Tepraloxydim Tetraconazole Thiabendazole Thiacloprid Thiamethoxam Thiazopyr Thiodicarb Thiofanox Thiofanox sulfone Thiofanox sulfoxide Thiophanate-Me Tolfenpyrad Tolylfluanid Tralkoxydim Triadminol Trichlorfon Tricyclazole Trietazine Trifloxysulfuron Triforin Trimethacarb Zinophos (thionazin) Zoxamide **GC compounds:** Acibenzolar-S-Me Alachlor Aldrin Allidochlor Ametryn Aminocarb Aramite Aspon Atrazine Azinphos-ethyl Azinphos-methyl Azoxystrobin Benalaxyl Benfluralin Benodanil Benzoylprop ethyl BHC alpha BHC beta BHC delta BHC gamma (Lindane) Bifenox Bifenthrin Biphenyl Boscalid Bromacil Bromophos-ethyl Bromophos-methyl Bromopropylate Bupirimate Buprofezin Butachlor Butralin Butylate Captafol (as Tetrahydrophtalimid) Captan Carbetamide Carbophenothion Carboxin Chlorbenside Chlorbufam Chlordane trans+cis Chlordemeform Chlorfenapyr Chlorfenson Chlorfenvinphos, trans- Chlormefos Chlorobromuron Chlorofluenol-Me Chloroneb Chloropropilate-chlorobenzilate Chlorothalonil Chlorpropham Chlorpyrifos Chlorpyrifos methyl Chlorthal dimethyl Chlorthion Chlorthiphos Chlozolinate Clomazone Coumaphos Crotoxyphos Cruformate Cyanazine Cyanophos Cycloate Cyfluthrin Cyhalothrin lambda Cypermethrin Cyprazine Cyproconazole Cyprodinil Delta trans allethrin Deltamethrin Demeton-o Demeton-s Demeton-S-methyl Des-ethyl atrazine Desmetryn Diallate Diazinon Diazinon-o-analog Dichlobenil Dichlofenthion Dichlofluanid Dichlormid Dichlorvos Diclobutrazole Diclofop Me Dicloran Dicofol-o,p Dicrotophos Dieldrin Diethatyl-ethyl Dimethachlor Dioxathion Diphenamid Diphenylamine Disulfonton sulfone Disulfoton

M-P007h (cont'd)	Edifenphos Endosulfan (alpha) Endosulfan (beta) Endosulfan sulfate Endrin EPN EPTC Erbon Esfenvalerate Etaconazole Ethalfluralin Ethion Ethofumasate Ethoprophos Ethylane (perthane) Etridazole Etrimfos Fenamiphos Fenamiphos-SO Fenamiphos-SO2 Fenarimol Fenbuconazole Fenchlorphos Fenfuram Fenitrothion Fenpropathrin Fenson Fenthion Fenvalerate I+II Fipronil Flamprop-Me Flamprop-M-isopropyl Fluchloralin Fludioxonil Flumetralin Fluorochloridone Flurodifen Flusilazole Fluvalinate Folpet Fonofos Heptachlor Heptachlor epoxide cis Heptanophos Hexachlorobenzene Hexaconazole Hexazinone Iodfenphos Iprobenfos Iprodione Isazophos Isofenphos Isopropalin Isoprothiolane Kresoxin-Me Leptophos Malaoxon Malathion Mecarbam Me-pentachlorphenyl-S Metalaxyl Metazachlor Methamidophos Methoprotryne Methoxychlor Methyl parathion Metolachlor Metribuzin Mevinphos Mexacarbate Mirex Monocrotophos Monolinuron Myclobutanil Nitrapyrin Nitrofen Nitrothal-isopropyl Norflurazon Nuarimol o,p-DDD o,p-DDE Octhilinone Omethoate o-Phenylphenol Oxadiazon Oxychlordane Oxyfluorfen p,p-DDD p,p-DDE p,p-DDT Paraoxon Pebulate Parathion Penconazole Pendimethalin Pentachlorbenzene Pentachloroaniline Permethrin Phenthoate Phorate Phorate-SO2 Phosalone Phtalimid Piperonyl butoxide Piridalil Pirimicarb Pirimiphos-ethyl Pirimiphos-methyl Prochloraz Procymidone Profenofos Profluralin Prometon Prometryn Pronamide Propachlor Propamocarb Propanil Propargite Propazine Propetamphos Propham Propiconazole Prothiofos Pyracarbolid Pyrazophos Pyridaben Quinaphos Quinomethionate Quintozene-PCNB Secbumeton Simazine Simetryn Sulfallate Sulfotep Sulprofos Tebuconazole Tecnazene Terbacil Terbufos Terbumeton Terbuthylazine Terbutryne Tetrachlorvinphos Tetradifon Tetraiodoethylene Tetramethrin Tetrasul Thiobencarb Tolclofos methyl Triadimefon Triallate Triazophos Tribufos Trifloxystrobin Triflumizole Trifluralin Vernolate Vinclozolin
M-P031	Determination of Daminozide in Fresh and Processed Fruits and Vegetables and Honey by GC/MS or GC/MS/MS

	Method reference: CFIA PRE 057-91(1) AMO
	Technique : GC/MS or GC/MS/MS
	Matrices: Food
	Analytes: Daminozide
M-P053	Determination of EBDCs in Fresh and Processed Fruits Vegetables, Honey and Syrup by CS2 Evolution and GC-MSD
	Method reference: CFIA PRE0-53-95-EBDC
	Technique: GC-MSD
	Matrices: Food
	Analytes: Dithiocarbamates as CS2
M-P075	Determination of Ethylenethiourea in Fresh and Processed Fruits and Vegetables, and Honey by LC/MS/MS
	Method reference: QuEChERS LCMSMS
	Technique: LC/MS/MS
	Matrices: Food
	Analytes: Ethylenethiourea
M-P078	Extraction of EBDC from Fresh and Processed Fruits and Vegetables, Honey and Syrup as Ethylenediamine by GC-MS
	Method reference: CFIA SPR-002
	Technique: GC/MS
	Matrices: Food
	Analytes: Ethylenediamine
QA-0350-1303	Determination of Amitraz in Honey and Fresh and Processed Fruits and Vegetables by LC/MS/MS
	Method reference: RUO-MKT-02-6607-A
	Technique: LC/MS/MS
	Matrices: Food
	Analytes: Amitraz

Grains and Cereal

M-H441	Determination of Ochratoxin A (OTA) in Grains and Cereal by LC/MS/MS
	Method reference: WGFCLMM BFCL040
	Technique: LC/MS/MS
	Matrices: Food
	Analytes: Ochratoxin A
M-H446	Determination of Deoxynivalenol (DON) in Cereal Grains and Cereal Products using Immunoaffinity Column Clean-up and LC/MS/MS
	Method reference: WGF CMM BFCL-038
	Technique: LC/MS/MS
	Matrices: Food
	Analytes: Vomitoxin (Deoxynivalenol)

M-H563	Determination of Glycoalkaloids in Potato and Potato Based Food using LC/MS/MS
	Method reference: CFIA DAR-CHE-055
	Technique: LC/MS/MS
	Matrices: Food
	Analytes: alpha-Solanine, alpha-Chaconine
M-H606	Determination of Ergot Alkaloids in Cereal Grains by LC/MS/MS
	Method reference: CFIA BFCL-052
	Technique: LC/MS/MS
	Matrices: Grain products
	Analytes: Ergocornine Ergocorninine Ergocristine Ergocristinine Ergocryptine Ergocryptinine Ergometrine Ergometrinine Ergosine Ergosinine Ergotamine Ergotaminine
M-H607	Determination of T2 and HT-2 in Cereal Grains by LC/MS/MS
	Method reference: CFIA BFCL-055
	Technique: LC/MS/MS
	Matrices: Grain products
	Analytes: T2, HT-2
M-H608	Determination of Zearalenone, α-Zearalenol, β-Zearalenol in Cereal Grains by LC/MS/MS
	Method reference: CFIA BFCL-052
	Technique: LC/MS/MS
	Matrices: Grain products
	Analytes: Zearalenone, α-Zearalenol, β-Zearalenol

Meat / Animal Tissue and Animal Derived Foods

M-H179	Determination of Penicillins in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: USDA CLG-BLAC
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Amoxicillin Ampicillin Cloxacillin Dicloxacillin Nafcillin Oxacillin Penicillin G Penicillin V
M-H182	Determination of Endectocides in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3005
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Abamectin Doramectin Emamectin

	Eprinomectin Ivermectin Moxidectin
M-H185	Determination of Ceftiofur-Related Residues in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3012
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Ceftiofur as desfuroylceftiofur acetamide
M-H188	Determination of Tetracycline Residues in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3011
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Tetracycline, Chlortetracycline, Doxycycline, Oxytetracycline, Epi-chlortetracycline, Epi-oxytetracycline, Epi-tetracycline
M-H189	Determination of Macrolides in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR 3010
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Clindamycin Erythromycin Gamithromycin Josamycin Lincomycin Neospiramycin Oleandomycin Pirlimycin Spiramycin Tildipirosin Tilmicosin Tulathromycin Tylosin Tylosin B Tylvalosin
M-H191	Determination of Sulfonamides in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA ACC-082
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Dapsone Ormetoprim Sulfabenzamide Sulfacetamide Sulfachlorpyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazine Sulfaguanidine Sulfamerazine Sulfameter Sulfamethazine Sulfamethizole Sulfamethoxazole Sulfamethoxypyridazine Sulfamonomethoxine Sulfamoxole Sulfanilamide Sulfaphenazole Sulfapyridine Sulfaquinoxaline Sulfathiazole Sulfisomidine Sulfisoxazole Trimethoprim
M-H193	Determination of Ionophores in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA ACC-057
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods

	Analytes: Lasalocid, Monensin, Narasin, Salinomycin, Maduramycin
M-H356	Determination of Virginiamycin Residues in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3026
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Virginiamycin
M-H358	Determination of Bacitracin Residues in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA BAC-SP01
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Bacitracin
M-H361	Determination of Nitroimidazole Residues in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: JOCA 882 (2000) 89-98
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Dimetridazole Dimetridazole-OH Ipronidazole Ipronidazole-OH Metronidazole Metronidazole-OH Ronidazole Tinidazole
M-H362	Determination of Aminoglycosides in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: USDA FSIS CLG-AMG1
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Amikacin Apramycin Dihydrostreptomycin Gentamycin Hygromycin B Kanamycin Neomycin Spectinomycin Spectinomycin Streptomycin Tobramycin
M-H363	Determination of Phenicols in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3013
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Chloramphenicol, Thiamphenicol, Florfenicol
M-H448	Determination and Confirmation of Non-steroidal Anti-inflammatory drugs (NSAIDS), Hormones and Corticosteroid Drug Residues in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3024
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods

	Analytes: 19-nortestosterone 20-2H-prednisone 20-dihydroprednisolone Alpha-trenbolone B-Dexamethazone Beclomethasone Beta-trenbolone Boldenone Carprofen Declofenac Dexamethasone Dianabol Epi-testosterone Etodolac Flumethasone Flunixin Ketoprofen Mefenamic acid Meloxicam Me-prednisolone Molfenamic acid Naproxen Niflumic acid Oxyphenylbutazone Phenylbutazone Prednisolone Prednison Testosterone Triamcinolone Acetonide Vedaprofen
M-H581	Free Beta Agonists in Animal Tissue and Animal Derived Foods using LC/MS/MS
	Method reference: CFIA CVDR-M-3033
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Free Brombuterol Free Cimaterol Free Clenbuterol Free Clenpenterol Free Clenproperol Free Fenoterol Free Formoterol Free Hydroxy-methyl clenbuterol Free Isoxsupine Free Mabuterol Free Mapenterol Free Metaproterenol Free Ractopamine Free Ritodrine Free Salbutemol Free Tulobuterol Free Terbutaline Free Zilpaterol
M-H615	Determination of Trenbolone, Stilbenes, and Resorcylic Acid Lactones in Animal Tissue and Dairy by LC/MS/MS
	Method reference: CVDR-M-3035
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Dairy products
	Analytes: Dienestrol Diethylstilbesterol Hexestrol Zearalanone Zearalenone α-Trenbolone α-Zearalanol (Zeranol) α-Zearalenol β-Trenbolone β-Zearalanol (Taleranol) β-Zearalenol
M-H617	Determination and Confirmation of Non-steroidal Anti-inflammatory (NSAID), Steroid, Hormone and Tranquilizer Drug Residues in Animal Tissue, Dairy and Egg by LC/MS/MS
	Method reference: CFIA CVDR-M-3034
	Technique: LC/MS/MS
	Matrices: Animal Tissue, Dairy and Egg products
M-H617 (cont'd)	Analytes: 17- α -Nandrolone (epi-19-nortestosterone) 17- β -Nandrolone (19-nortestosterone) 20(s)-dihydroprednisolone 20B-hydroxy prednisone Acepromazine Alpha boldenone Alpha trenbolone Altrenogest Azaperol Azaperone Beclomethasone Beta boldenone Beta trenbolone Betamethazone Butorphanol Carazolol Carprofen Chlorpromazine Detomidine Dexamethasone Dianabol Diclofenac Epi-testosterone Etodolac

	Firocoxib Flumethasone Flunixin Haloperidol Hydroxyflunixin Ketoprofen Mefenamic acid Meloxicam Methylprednisolone Naproxen Niflumic acid Oxyphenylbutazone Phenylbutazone Prednisolone Prednisone Progesterone Propionylpromazine Testosterone Tolfenamic acid Triamcinolone Acetonide Vedaprofen Xylazine
M-H630	Determination and Confirmation of Total β-Agonists in Animal Tissue Using LC/MS/MS
	Method reference: AOAC 2011.23
	Technique: LC/MS/MS
	Matrices: Animal Tissue
	Analytes: Brombuterol Cimaterol Clenbuterol Clenpenterol Clenproperol Fenoterol Formoterol Hydroxymethyl clenbuterol Isoxsuprine Mabuterol Mapenterol Metaproterenol Ractopamine Ritodrine Salbutamol Terbutaline Tulobuterol Zilpaterol
M-P035	Determination of Fluoroquinolones and Quinolones in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3007
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Ciprofloxacin Danofloxacin Desethylene-ciprofloxacin Difloxacin Enoxacin Enrofloxacin Flumequine Marbofloxacin Nalidixic acid Orbifloxacin Oxolinic acid Pipemidic acid Sarafloxacin Sparfloxacin
M-P042	Determination of Gestagens in Animal Fat and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3016
	Technique: LC/MS/MS
	Matrices: Animal Fat and Animal Derived Foods
	Analytes: Chlormadinone acetate, Megestrol acetate, Melengestrol acetate
M-P046	Determination of Thyreostatics in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: CFIA CVDR-M-3003
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Dimethyl Thiouracil Mercaptobenzimidazole Methyl Thiouracil Phenyl Thiouracil Propyl Thiouracil Tapazole Thiouracil
M-P057	Determination of Protein Bound Metabolites of Nitrofurans in Animal Tissue and Animal Derived Foods by LC/MS/MS

	Method reference: CFIA CVDR-M-3014
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: AHD (1-Aminohydantoin hydrochloride) AMOZ (3-Amino-5-morpholinomethyl-oxazolidin-2-one) AOZ (3-Amino-2-oxazolidinone) SEM (semicarbazide)
M-P063	Determination of Carbamates in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: USDA FSIS CBM 07-91
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: 3-OH-Carbofuran Aldicarb Aldicarb sulfone Aldicarb Sulfoxide Bendiocarb Bufencarb Carbaryl Carbofuran Dioxacarb Iso-promecarb Methiocarb Methiocarb Sulfoxide Methomyl Oxamyl Promecarb Propoxur
M-P065	Synthetic Pyrethrins in Animal Tissue and Animal Derived Foods by GC/MS/MS
	Method reference: CFIA PMR-016
	Technique: GC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: Cyfluthrin, Cypermethrin, Deltamethrin, Esfenvalerate, Fenvalerate, Flucythrinate, Lambda-Cyhalothrin, Permethrin, Tau-Fluvalinate
M-P068	Determination of Anthelmintics in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: USDA FSIS MPT
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: N-methyl-1,3-propanediamine
M-P074	Determination of Benzimidazole in Animal Tissue and Animal Derived Foods by LC/MS/MS
	Method reference: USDA FSIS BNZ 07-91
	Technique: LC/MS/MS
	Matrices: Animal Tissue and Animal Derived Foods
	Analytes: 5-Hydroxythiabendazole Albendazole Albendazole sulfone Albendazole sulfoxide Albendazole-metabolite Cambendazole Carbendazim Fenbendazole Fenbendazole Sulfone Flubendazole Levamisole Mebendazole Oxfendazole Oxibendazole Thiabendazole

Fish / Seafood / Egg

M-C286	Histamine in Fish by Fluorometer

	Method reference: AOAC 977.13
	Technique: Fluorometer
	Matrices: Seafood
	Analytes: Histamine
M-C563f	Methyl Mercury in Seafood Using High Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometric Determination
	Method reference: FDA EAM 2008
	Technique: ICP-MS
	Matrices: Seafood
	Analytes: Methyl mercury
M-H209	Phenicol Residues in Fish, Shellfish and Crustaceans by LC/MS/MS
	Method reference: CFIA DAR-CHE-037
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Chloramphenicol, Florfenicol, Florfenicol amine, Thiamphenicol
M-H248	Nitrofuran Metabolites in Fish and Shellfish by LC/MS/MS
	Method reference: CFIA ACC-070
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: AHD (1-Aminohydantoin hydrochloride) AMOZ (3-Amino-5-morpholinomethyl-oxazolidin-2-one) AOZ (3-Amino-2-oxazolidinone) SEM (semicarbazide)
M-H249	Romet-30, Tribrissen, and Sulfonamides in Fish and Shellfish by LC/MS/MS
	Method reference: CFIA CVDR-M-3009.08
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Ormetoprim Sulfacetamide Sulfachloropyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaguanidine Sulfamerazine Sulfamethazine Sulfamethizole Sulfamethoxazole Sulfamethoxypyridazine Sulfamonomethoxine Sulfamoxole Sulfanilamide Sulfapyridine Sulfaquinoxiline Sulfathiazole Sulfisoxazole Trimethoprim
M-H250	Triphenylmethane Dyes in Fish and Shellfish by LC/MS/MS
	Method reference: CFIA ACIA 0081
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Gentian Violet, Leucogentian Violet, Malachite Green, Leucomalachite Green, Brilliant green
M-H318	Tetracycline Residues in Fish and Shellfish by LC/MS/MS

	Method reference: CFIA CVDR-M-3011.19
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Tetracycline, Chlortetracycline, Doxycycline, Oxytetracycline
M-H442	Determination of Fluoroquinolones and Quinolones in Fish and Shellfish by LC/MS/MS
	Method reference: CFIA SOM-DAR-CHE 32
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Ciprofloxacin Danofloxacin Dese-ciprofloxacin Difloxacin Enoxacin Enrofloxacin Flumequine Marbofloxacin Nalidixic acid Norfloxacin O-floxacin Orbifloxacin Oxolinic acid Pipemidic acid Sarafloxacin Sparfloxacin
M-H557	Determination of Nitroimidazoles in Fish and Shellfish by LC/MS/MS
	Method reference: CVDR M-3016
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Dimetridazole 2-Hydroxymethyl-1-methyl-5 nitroimidazole Ipronidazole Ipronidazole-OH Metronidazole Metronidazole-OH Ronidazole
M-H567	Determination of Stilbenes, Amphenicols, Endectocides and Erythromycin in Salmon, Tilapia and other Aquacultured Seafood using LC/MS/MS
	Method reference: In house method
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Chloramphenicol Dienestrol Diethylstilbestrol Diflubenzuron Emamectin benzoate Erythromycin Florfenicol Florfenicol amine Hexestrol Ivermectin Teflubenzuron Thiamphenicol
M-H568	Determination of Sulfonamides, Fluoroquinolones, Nitroimidazoles, and Triphenylmethane Dyes in Salmon, Tilapia and other Aquacultured Seafood using LC/MS/MS
	Method reference: CFIA ACC-056
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Ciprofloxacin Danofloxacin Dapsone Difloxacin Dimetridazole Enoxacin Enrofloxacin Flumequine Gentian Violet Hydroxydimetridazole Ipronidazole Ipronidazole hydroxide

	l-gentian violet l-malachite green Malachite green Marbofloxacin Metronidazole Metronidazole hydroxide Nalidixic acid Norfloxacin O-floxacin Omethoprim Orbifloxacin Oxolinic Acid Ronidazole Sarafloxacin Sparfloxacin Sulfabenzamide Sulfacetamide Sulfachlorpyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazone Sulfaguanidine Sulfamerazine Sulfameter Sulfamethazine Sulfamethizole Sulfamethoxazole Sulfamethoxypyridazine Sulfamonomethoxine Sulfamoxole Sulfanilamide Sulfaphenazole Sulfapyridine Sulfaquinoxiline Sulfathiazole Sulfisomidine Sulfisoxazole Trimethoprim
M-H595	Determination and Confirmation of Steroids in Fish and Shellfish by LC/MS/MS
	Method reference: CFIA DAR-CHE-059
	Technique: LC/MS/MS
	Matrices: Seafood
	Analytes: Boldenone, epi-Boldenone, Nandrolone, epi-Nandrolone, Methyltestosterone

Alcoholic Beverages

M-H609	Determination and Confirmation of Furan, 2-Methylfuran and 3-Methylfuran in Beer by GC-MS
	Method reference: FAC 26(6):786-92
	Technique: GC/MS
	Matrices: Food
	Analytes: Furan, 2-Methylfuran, 3-Methylfuran
M-P524	Determination of Ethyl Carbamate in Alcoholic Beverages and Processed Food using GC/MS/MS
	Method reference: CFIA PMR-012
	Technique: GC/MS/MS
	Matrices: Alcoholic beverages and Processed foods
	Analytes: Ethyl Carbamate

Water

M-C032w	Extractable Metals in Water by ICP-MS
	Method reference: EPA 200.8
	Technique: ICP-MS
	Matrices: Water
	Analytes: Aluminum Barium Boron Cadmium Lead Silver Uranium
M-H599	Determination and Confirmation of Acrylamide in Water by LC/MS/MS
	Method reference: Agilent 2012
	Technique: LC/MS/MS
	Matrices: Water

	Analytes: Acrylamide
QA-0350-2000	See above under major sub-heading “Foods and Edible Products”
M-C557	See above under major sub-heading “Foods and Edible Products”

Dietary Supplements

M-H632	Determination of Pharmaceutical Adulterants in Dietary Supplements by LC/MS/MS
	Method reference: BJS 201805
	Technique: LC/MS/MS
	Matrices: Dietary Supplements
	Analytes: 1,3-Dimethylamylamine Desmethyl carbodenafil Desmethyl sibutramine DHEA Didesmethyl sibutramine Fluoxetine Ligandrol Ostarine Phenolphthalein Sibutramine Sildenafil Sulfoaildenafil Tadalafil Vardenafil
NA-NC-C-090	Determination of Sildenafil, Tadalafil and Analogues in Dietary Supplements by LC/MS/MS
	Method reference: Sciex Application Note RUO-MKT-02-9864-ZH-A
	Technique: LC/MS/MS
	Matrices: Dietary Supplements
	Analytes: Sildenafil, Tadalafil, Imidazosagatriazinone, Gendenafil, Benzamidenafil (Xanthoanthrafil), Aminotadalafil, Chloropretadalafil, Piperiacetildenafil, Noracetildenafil, Carbodenafil, Pseudovardenafil, Norneosildenafil, N-Desethylvardenafil, N-Desmethylsildenafil, Acetildenafil / Hongdenafil, Hydroxyacetildenafil, Avanafil, Aildenafil, Homosildenafil, Vardenafil, Thiosildenafil, Thiohomosildenafil, Hydroxyvardenafil, Hydroxyhomosildenafil, Udenafil, Hydroxythiohomosildenafil, Norneovardenafil, Nitrodenafil, Nortadalafil, Chlordenafil, Hydroxychlorodenafil, N-Butyltadalafil, Dimethylacetildenafil, N-Octylnortadalafil, Hydroxythiovardenafil, Propoxyphenylthiohydroxyhomosildenafil, Benzylsildenafil, Lodenafil carbonate, Propoxyphenylsildenafil, Acetaminotadalafil, 2-Hydroxypropylnortadalafil, Acetylvardenafil, Propoxyphenyl hydroxyhomosildenafil, Dapoxetine, Mirodenafil, Thioaildenafil (sulfoaildenafil), Gisadenafil
NA-NC-C-096	Determination of Weight Loss Pharmaceutical Adulterants in Dietary Supplements by LC-MS/MS
	Method reference:
	Technique: LC/MS/MS
	Matrices: Dietary Supplements
	Analytes: 1,3-DBMA, 1,3-DMAA, 1,4-DMAA, beta-Methylphenylethylamine, Dapoxetine, Desmethylsibutramine,

	Deterenol, Didesmethylsibutramine, Fluoxetine, Lorcaserin, N-alpha-diethylphenylethylamine, Octodrine, Oxilofrine, Phenolphthalein, Phenpromethamine, Sibutramine
NA-NC-C-097	Determination of Sports Performance Pharmaceutical Adulterants in Dietary Supplements by LC-MS/MS
	Method reference:
	Technique: LC/MS/MS
	Matrices: Dietary Supplements
	Analytes: GW1516, Ibutamoren, LGD-4033 (Ligandrol), Ostarine, RAD140, 1-Androsterone, 4-Androsten-3,6,17-trione, 4-Androstene-3β-ol-17-one (4-DHEA), 4-Androstenedione, 7-Keto-dehydroepiandrosterone, Androsta-1,4,6-trienedione, Androsta-3,5-diene-7,17-dione, Androsterone, Dehydrochloromethyltestosterone, Estra-4,9-diene-3,17-dione, Methandienone, Methasterone, Methyl-1-testosterone, Methylstenbolone, Prostanozol, Stanozolol
NA-NC-C-098	Determination of Joint Health Pharmaceutical Adulterants in Dietary Supplements by LC/MS/MS
	Method reference:
	Technique: LC/MS/MS
	Matrices: Dietary Supplements
	Analytes: Acetaminophen, Dexamethasone, Diclofenac, Hydrocortisone, Ibuprofen, Indomethacin, Meloxicam, Methocarbamol, Naproxen, Piroxicam, Prednisolone, Prednisone

(Personal Care Products)

QA-0350-2000	See above under major sub-heading “Foods and Edible Products”

Foods - Microbiological Tests

MFHPB-10	Isolation of *Escherichia coli O157:H7*/NM from foods and environmental surface samples [QA-9901-3381] (Screening only)
	Matrix: Foods and environmentals
MFHPB-18	Determination of the Aerobic Colony Count in Foods
	Matrix: Foods and environmental
MFHPB-19	Enumeration of Coliforms, Faecal coliforms and of E. coli in Foods using the MPN Method
	Matrix: Foods and water
MFHPB-19 (modified)	Enumeration of Coliforms, Faecal coliforms and of E. coli in Foods using the MPN Method (modified, 3-tube)
	Matrix: Foods
MFHPB-20	Isolation and Identification of *Salmonella* from Food and Environmental Samples [QA-9901-1007]
	Matrix: Foods and environmental
MFHPB-21	Enumeration of *Staphylococcus aureus* in Foods
	Matrix: Foods

MFHPB-22	Enumeration of Yeast and Moulds
	Matrix: Foods and environmental
MFHPB-23	Enumeration of *Clostridium perfringens* in Foods [QA-9901-1039]
	Matrix: Foods
MFHPB-24	Detection of *Salmonella* Spp. in Foods by the Vidas SLM™ Method
	Matrix: Foods and environmental
MFHPB-29	Detection of *Listeria* Spp. in Foods and Environmental Samples by the Vidas Listeria™ Method
	Matrix: Foods and environmental
MFHPB-30	Isolation of *Listeria Monocytogenes* and other *Listeria* species from Foods and Environmental Samples
	Matrix: Foods and environmental
MFHPB-33	Enumeration of Total Aerobic Bacteria in Food Products and Food Ingredients using 3M™ Petrifilm™ and Aerobic Count Plates
	Matrix: Foods and environmental
MFHPB-34	Enumeration of *E.coli* and Coliforms in Food Products and Food Ingredients Using 3M™ Petrifilm™ E. coli Count Plates
	Matrix: Foods and environmental
MFHPB-35	Enumeration of Coliforms in Food Products and Food Ingredients using 3M™ Petrifilm™ Coliform Count Plates
	Matrix: Foods and environmental
MFLP-09	Enumeration of Enterobacteriaceae Species in Food and Environmental Samples using 3M™ Petrifilm™ Enterobacteriaceae Count Plates
	Matrix: Foods and environmental
MFLP-28	Detection of *Listeria monocytogenes* in a Variety of Foods and Environmental Surfaces using the Bax®System L. monocytogenes Assay
	Matrix: Foods and environmental
MFLP-29	Detection of *Salmonella* in Foods and Environmental Surface Samples using the Bax® System Salmonella Assay
	Matrix: Foods and environmental
MFLP-30	Detection of *Escherichia coli O157:H7* in Select Foods using the Bax® System E.coli O157:H7 MP [QA-9901-3336]
	Matrix: Foods
MFLP-33	Detection of *Listeria monocytogenes* in Foods by the VIDAS LMO2 Method
	Matrix: Foods
MFLP-38	Detection of *Salmonella* spp. from all Foods and Selected Environmental Surfaces using iQ-CheckTM Salmonella Real-Time PCR Test Kit [QA-9901-3766]
	Matrix: Foods and environmental

MFLP-39	Detection of Listeria spp. from Environmental Surfaces and Heat Processed Ready to Eat Meat and Poultry using iQ-CheckTM Listeria spp. Real-Time PCR Test Kit [QA-9901-3764]
	Matrix: Foods and environmental
MFLP-42 (modified)	Isolation and enumeration of *the Bacillus cereus* group in foods [QA-9901-1040]
	Matrix: Foods
MFLP-49	Detection of *Salmonella* spp. In Foods Products by the VIDAS UP Salmonella (SPT) Method.
	Matrix: Foods and environmental
MFLP-54	Detection of Listeria monocytogenes from selected foods using iQCheck™ *Listeria monocytogenes* Real-time PCR Test Kit [QA-9901-3765]
	Matrix: Foods
MFLP-59	Detection of *Listeria* spp in food products and environmental surface samples with VIDAS ®UP *Listeria* (LPT) [QA-9901-3762]
	Matrix: Foods and environmental
MFLP-74	Enumeration of *Listeria monocytogenes* in Foods
	Matrix: Foods
MFLP-76	The DuPont Qualicon BAX® System real-time method for the detection *of E.coli O157:H7* in raw beef trim and raw ground beef. [QA-9901-3749]
	Matrix: Raw meat
MFLP-77	Detection of *Listeria monocytogenes* and other *Listeria* spp. in food products and environmental samples by the VIDAS® *Listeria* species Xpress (LSX) method
	Matrix: Foods and environmental

Water

SMEWW 9215-D (modified)	Heterotrophic Plate Count by Membrane Filter Procedure [QA-9901-3776]
	Matrix: Water
SMEWW 9222-D	Thermotolerant (Fecal) Coliform Membrane Filter Procedure [QA-9901-3779]
	Matrix: Water
SMEWW 9222-J	Simultaneous Detection of Total Coliform and *E.coli* by Dual-Chromogen Membrane Filter Procedure [QA-9901-3777]
	Matrix: Water

Number of Scope Listings: 137

Notes:

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories

P-RE: Agriculture Canada Method

M-: JR Laboratories Inc. Method

HPB: Health Protection Branch

MFHPB: HPB Methods of Microbial Analysis for Food

MFLP: Laboratory Procedures of Microbiological Analysis for Food (HPB)

SMEWW: Standards Method for the Examination of Water and Wastewater

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Publication on: 2025-03-13