

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** **Silliker Canada Co. Ltd. DbA Mérieux NutriSciences**

Location Name or Operating as (if applicable):

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<b>SCC File Number:</b>	151340
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Biological Chemical/Physical Forensic
<b>Program Specialty Area:</b>	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP) Environmental Testing (ET) Forensic
<b>Initial Accreditation:</b>	1993-06-08
<b>Most Recent Accreditation:</b>	2024-11-04
<b>Accreditation Valid to:</b>	2029-06-08

*Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.*

*Note: This scope of accreditation is also available in French as a document issued separately.*

**FORENSICS**

**Description of activities- forensic equine drug testing**

1. Screening and confirmatory analysis for drugs and metabolites in equine body fluids, including quantification where required.
2. Testing of known and unknown substances including powders, liquids, dosage forms, feeds, drug administration paraphernalia and other materials for the presence of drugs in horse hair, urine and blood.

**Description of techniques - forensic equine drug testing**

- a. High-performance liquid chromatography (HPLC)
- b. Immunoassay
- c. Mass spectrometry
- d. Sample preparation, extraction and general chemical tests

A current controlled list of test methods under flexible scope is maintained by the laboratory and is available upon request.

**ANIMAL AND PLANTS (AGRICULTURE)**

**Foods and Edible Products (Human and Animal Consumption):**

**Food Methods: Proximate Analysis**

BBY4SOP-00104	Determination Histamine in Fish LCMSMS Histamine
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**Fruits and Vegetables, Processed Foods, Animal Tissue, Meat, Fish, Dairy, Honey, Eggs and Egg Products and Animal Derived Foods**

BBY4SOP-00048	Determination of Tetracyclines in Tissue and Animal Derived Foods LCMSMS Chlortetracycline Epi- Chlortetracycline Doxycycline Oxytetracycline Epi-Oxytetracycline Tetracycline Epi-Tetracycline
BBY4SOP-00052	Determination of Phenol in Honey GCMS Phenol

<p>BBY4SOP-00066</p>	<p>Determination of Pesticides in Animal Derived Foods  GCMS  Alachlor, Aldrin, Ametryn, Aspon  Benalaxyl, Benfluralin, BHC-alpha, BHC-beta  Bifenthrin, Bromophos, Bromophos-ethyl,  Bromopropylate Bupirimate, Butachlor, Carboxin,  Chlorbenzilate, Chlordimeform, Chlorflurenol-methyl, Chloropropylate, Chlorpropham,  Chlorpyrifos, Chlorpyrifos-methyl, Chlorthiophos,  Chlozolate, Cyprazine, Cyprodinil, Dacthal (chlorthal-dimethyl), BHC-delta,  Demeton-S-methyl, Desmetryn, Diazinon,  Diclobutrazole, Diclofop-methyl, Diethatyl-ethyl,  Dieldrin, Dimethachlor, Diphenamid,  Diphenylamine, Disulfoton, Endosulfan-alpha,  Endosulfan-beta, Endosulfan sulfate, Endrin,  Ethalfluralin, Ethion, Ethofumsate, Ethoprophos,  Ethylan, Etrimfos, Fenarimol, Fenchlorophos (Ronnel), Flamprop-isopropyl,  Flamprop-methyl, Fluchloralin, Fludioxonil,  Fluorochloridone, Flusilazole, Fonofos,  Heptachlor, Heptachlor epoxide-endo,  Heptachlor epoxide-exo, Hexachlorobenzene,  Iprobenfos, Isofenfos, Isopropalin,  Isoprothiolane, Kresoxim-methyl,  Leptophos, Lindane (gamma-BHC), Malathion,  Metazachlor, Methoxychlor, Methyl Pentachlorophenyl sulphide, (Methyl PCP sulphide), Metolachlor, Mirex, Myclobutanil,  o,p'-DDD (o,p'-TDE), o,p'-DDE, o,p'-DDT, Oxadiazon, Oxychloridone, p,p'-DDD, p,p'-DDE, p,p'-DDT, Penconazole, Pentachloroaniline,  Phenthoate, Piperonyl butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Procymidone,  Profenofos, Profluralin, Prometon, Prometryne, Pronamide, Propachlor, Propanil,  Propazine, Propetamphos, Prothiophos, Pyrazophos, Quinalophos, Quintozene (PCNB), Secbumeton, Sulfotep, Sulprophos, Tecnazene,  Terbutylazine, Tetrasul, Thiobencarb, Tolclofos-methyl, Triazophos, Trifluralin, Vinclozolin</p>
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BBY4SOP-00118	Determination of Herbicides in Food LCMSMS 2,4-D MCPA Florasulam Metsulfuron-Methyl Thiencarbazone Methyl Bromoxynil Bentazone Fluroxypyr Clopyralid
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### Microbiological

AOAC 2014.05	Enumeration of Yeast and Moulds in Food using 3M™ Petrifilm™ Rapid Yeast And Mold Count (RYM) Plate
Assurance GDS® MPX Top 7 STEC Assay	BioControl Assurance GDS® MPX Top 7 STEC
COR1SOP-00019	Enumeration of Coliforms, Faecal Coliforms and <i>E. coli</i> in Foods by using the MPN Method (Modified MFHPB-19; option of standard 3-tube and 10-tube MPN Method)
FDA BAM Chapter 5	BAM FDA Isolation and Identification of <i>Salmonella</i> in Food and Environment Samples
MFHPB-10	Isolation of <i>Escherichia coli</i> O157:H7/NM from foods and environmental surface samples (except for section 6, verotoxin confirmation)
MFHPB-18	Determination of Aerobic Colony Count in Foods
MFHPB-19	Enumeration of Coliforms, Faecal Coliforms and <i>E. coli</i> in Foods by using the MPN Method
MFHPB-20	Isolation and Identification of <i>Salmonella</i> from Foods and Environmental Samples
MFHPB-21	Enumeration of <i>Staphylococcus aureus</i> in Foods
MFHPB-22	Enumeration of Yeasts and Molds in Foods
MFHPB-23	Enumeration of <i>Clostridium perfringens</i> in Foods
MFHPB-24	Detection of <i>Salmonella</i> spp. in Foods by the VIDAS® SLMTM Method
MFHPB-29	VIDAS Detection of <i>Listeria</i> spp. in Food, Environmental Samples
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> and <i>Listeria</i> spp. from Foods and Environmental Samples
MFHPB-33	Enumeration of Total Aerobic Bacteria in food Products and Food Ingredients Using 3M™ Petrifilm™ Aerobic Count Plates
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
MFHPB-35	Enumeration of Coliforms in Food Products and Food Ingredients using 3M™ Petrifilm™ Coliform Count Plates

MFLP-09	Enumeration of <i>Enterobacteriaceae</i> Species in Food and Environmental Samples Using 3M Petrifilm <i>Enterobacteriaceae</i> Count Plates
MFLP-16	Detection of <i>Escherichia coli</i> O157:H7 in Foods - Assurance GDS® for <i>E. coli</i> O157:H7 Gene Detection System
MFLP-21	Enumeration of <i>Staphylococcus aureus</i> in Foods and Environmental Samples Using 3M™ Petrifilm™ Staph Express Count (STX) Plates
MFLP-25	Isolation and Identification of <i>Shigella</i> spp. From Foods
MFLP-28	The Qualicon BAX® System Method for the Detection of <i>Listeria monocytogenes</i> in a Variety of Food
MFLP-29	The Qualicon BAX® System for the Detection of <i>Salmonella</i> in Foods and Environmental Surface Samples
MFLP-30	Detection of <i>E. coli</i> O157:H7 in select foods using the BAX® system <i>E. coli</i> O157:H7 MP
MFLP-33	Detection of <i>Listeria monocytogenes</i> in Foods by the VIDAS LMO 2™ Method
MFLP-37	Part 1: Detection of Halophilic <i>Vibrio</i> Species in Seafood Part 2: Detection of <i>Vibrio cholerae</i>
MFLP-38	Detection of <i>Salmonella</i> spp. from All Foods and Selected Environmental Surfaces using IQ-Check™ <i>Salmonella</i> Real-time PCR Test Kit
MFLP-39	Detection of <i>Listeria</i> spp. from Environmental Surfaces and heat processed RTE Meat and Poultry Using iQ-Check™ <i>Listeria</i> spp. Real-Time PCR Test Kit
MFLP-42	Isolation and Enumeration of <i>Bacillus cereus</i> Group in Foods
MFLP-46	Isolation of Thermophilic <i>Campylobacter</i> from Food
MFLP-49	Detection of <i>Salmonella</i> spp in Food Products and environmental surfaces by the VIDAS® UP <i>Salmonella</i> (SPT) Method
MFLP-54	Detection of <i>Listeria monocytogenes</i> from selected foods using iQ-Check™ <i>Listeria monocytogenes</i> Real-Time PCR Test Kit
MFLP-59	Detection of <i>Listeria</i> spp. in food products and environmental surface samples with VIDAS® UP <i>Listeria</i> (LPT)

MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Food
MFLP-77	Detection of <i>Listeria</i> spp. in food products and environmental samples by the VIDAS® <i>Listeria</i> species Xpress (LSX) method
MFLP-79	Detection of <i>Listeria</i> spp. in Environmental Surface Samples Using the BAX® System Real-Time PCR Assay for <i>Listeria</i> Genus
MLG4	FSIS Procedure for the Isolation and Identification of <i>Salmonella</i> from Meat, Poultry, Pasteurized egg and Siluriformes (Fish) products and Carcass and Environmental Sponge samples
MLG41	Isolation, Identification of <i>Campylobacter jejuni/coli/lari</i> from Poultry Rinse and Sponge and Raw Product Samples
COR1SOP-00089	USP: Enterobacterial Count in NHP by MPN Method
COR1SOP-00093	USP: Detection and Enumeration for <i>Pseudomonas aeruginosa</i> in NHP
MICCLSOP-00020	Japanese Method - <i>Coliform Bacilli Test Method for Frozen Foods with Desoxycholate Agar</i>

#### Natural Health Products

BBY4SOP-00150	<p>Determination of Pesticides in Natural Health Products</p> <p>GCMSMS</p> <p>Acephate, Alachlor, Aldrin, Azinphos-ethyl, Azinphos-methyl, BHC-alpha, BHC-beta, BHC-delta, BHC-epsilon, BHC-gamma (Lindane), Bromophos-ethyl, Bromophos-methyl (Bromophos), Brompropylate, Chlordane cis (alpha), Chlordane trans (gamma), Chlorfenvinphos, Chlorpyriphos-ethyl (Chlorpyriphos), Chlorpyriphos-methyl, Chlorthal-dimethyl (Dacthal), Cyfluthrin, Cyhalothrin-lambda, Cypermethrin, DDD-o,p, Dithiocarbamates (as CS<sub>2</sub>), DDD-p,p, DDE-o,p, DDE-p,p, DDT-o,p, DDT-p,p, Deltamethrin, Diazinon Dichlofluanid, Dichlorvos, Dicofol, Dieldrin, Dimethoate, Endosulfan alpha, Endosulfan beta, Endosulfan Sulphate, Endrin, Ethion, Etrimphos, Fenchlorophos, Fenchlorofos-oxon, Fenitrothion, Fenpropathrin, Fensulfothion, Fenthion, Fenvalerate,</p>
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	<p>Flucythrinate, Fluvalinate-tau, Fonofos, Heptachlor, Heptachlor Epoxide endo, Heptachlor Epoxide exo, Hexachlorobenzene, Malaaxon, Malathion, Mecarbam, Methacrifos, Methamidophos, Methidathion, Methoxychlor, p,p-, Methyl PCP Sulphide, Mirex, Monocrotophos, Omethoate, Oxychlordane, Paraoxon-ethyl (Paraoxon), Paraoxon-methyl, Parathion-ethyl (Parathion), Parathion-methyl, Pendimethalin, Pentachloraniline, Pentachloroanisole, Permethrin cis, Permethrin trans, Phosalone, Phosmet, Piperonyl Butoxide, Pirimiphos-ethyl, Pirimiphos-methyl, Pirimiphos-Methyl-N-Desethyl, Procymidone, Profenophos, Prothiophos, Pyrethrum, Quinalphos, Quintozene, S421, Tecnazene, Tetradifon, Vinclozolin</p>
USP40-NF35 S1. Dietary Supplements Chapters: 2021	<p>Microbial Enumeration Tests-Nutritional and Dietary Supplements. Total Aerobic Microbial Count by Plate Method</p>
USP40-NF35 S1. Dietary Supplements Chapters: 2021	<p>Microbial Enumeration Tests-Nutritional and Dietary Supplements Total Combined Molds and Yeast Count by Plate Method</p>
USP40-NF35 S1. Dietary Supplements Chapters: 2022	<p>Microbiological Procedures for absence of specified microorganisms - Nutritional and Dietary Supplements Test for Absence of <i>Staphylococcus aureus</i></p>
USP40-NF35 S1. Dietary Supplements Chapters: 2022	<p>Microbiological Procedures for absence of specified microorganisms - Nutritional and Dietary Supplements Test for Absence of <i>Salmonella species</i></p>
USP40-NF35 S1. Dietary Supplements Chapters: 2022	<p>Microbiological Procedures for absence of specified microorganisms - Nutritional and Dietary Supplements Test for Absence of <i>Escherichia coli</i></p>

**Other**

BBY4SOP-00032	Determination of Aminoglycosides in Tissue and Animal Derived Foods LCMSMS Amikacin Apramycin Dihydrostreptomycin Gentamicin Hygromycin Kanamycin A Kanamycin B Neomycin Spectinomycin Streptomycin Tobramycin
BBY4SOP-00033	Determination of Dithiocarbamates (EBDC) in Fruits and Vegetables, Processed Foods and Animal Derived Foods by CS2 Evolution GCMS Dithiocarbamates as CS2 (as Zineb Equivalents)
BBY4SOP-00035	Determination of Chlorinated Phenols in Tissue and Animal Derived Foods GCMSMS Pentachlorophenol 2,3,4,6-tetrachlorophenol 2,3,5,6-tetrachlorophenol 2,3,4,5-tetrachlorophenol
BBY4SOP-00036	Determination of Fluoroquinolones and Quinolones in Tissue and Animal Derived Food LCMSMS Ciprofloxacin Danofloxacin Desethylene Ciprofloxacin Difloxacin Enoxacin Enrofloxacin Flumequine Marbofloxacin Nalidixic Acid Norfloxacin Ofloxacin Orbifloxacin Oxolinic Acid Pipemidic Acid Sarafloxacin
BBY4SOP-00037	Determination of Synthetic Pyrethrins in Animal Tissue and Animal Derived Foods GCMS Cyfluthrin $\lambda$ -Cyhalothrin Cypermethrin Deltamethrin Fenvalerate Flucythrinate tau-Fluvalinate cis-Permethrin trans-Permethrin
BBY4SOP-00038	Determination of Carbamates in Tissue and Animal Derived Foods LCMSMS Aldicarb Aldicarb Sulfone Aldicarb Sulfoxide Bendiocarb Bufencarb Carbaryl Carbofuran Dioxacarb 3-Hydroxycarbofuran Isoprocarb Methiocarb Methiocarb Sulfoxide Methomyl Oxamyl Promecarb Propoxur



BBY4SOP-00043	Determination of Ethylenebisdithiocarbamate (EBDC) in Fruits and Vegetables, Processed Foods and Animal Derived Foods HPLC Ethylenebisdithiocarbamate
BBY4SOP-00044	Determination of Daminozide (ALAR) in Fruits and Vegetables, Processed Foods and Animal Derived Foods GC/MS Alar
BBY4SOP-00045	Determination of Ethylenethiourea in Fruits and Vegetables, Processed Foods and Animal Derived Foods LCMSMS Ethylenethiourea
BBY4SOP-00046	Determination of Coccidiostats in Tissue and Animal Derived Foods LCMSMS Lasalocid Monensin Narasin Salinomycin Maduramicin Nicarbazin* (N,N'-Bis (4- diphenyl)urea) Decoquinat Amprolium Buquinolate Clopidol Diclazuril Dinitolmide Halofuginone Robenidine Toltrazuril Sulfone
BBY4SOP-00047	Determination of Gestagens in Animal Tissue and Dairy LCMSMS Chlormadinone Acetate Megestrol Acetate Melengestrol Acetate (MGA)
BBY4SOP-00050	Determination of Sulfonamides in Tissue and Animal Derived Foods LCMSMS Dapsone Ormetoprim Sulfabenzamide Sulfacetamide Sulfachloropyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazine Sulfaguanidine Sulfamerazine Sulfameter Sulfamethazine Sulfamethizole Sulfamethoxazole Sulfamethoxy-pyridazine Sulfamonomethoxine Sulfamoxole Sulfanilamide Sulfaphenazole Sulfapyridine Sulfaquinoxaline Sulfathiazole

BBY4SOP-00051	Determination of Amitraz and Metabolites in Fruits and Vegetables, Processed Foods and Animal Derived Foods LCMSMS 2,4-Dimethylaniline
BBY4SOP-00054	Determination of Dipyrone Related Residues in Tissue and Animal Derived Foods LCMSMS 4-Aminoantipyrine 4-Formylaminoantipyrine 4-Methylaminoantipyrine Dipyrone
BBY4SOP-00055	Determination of Free and Total Residues of Beta Agonists in Tissue and Animal Derived Foods LCMSMS Brombuterol Cimaterol Clenbuterol Clenpenterol Clenproperol Fenoterol Formoterol Hydroxyclenbuterol (a.k.a. Hydroxymethylclenbuterol) Isoxsuprine Mabuterol Mapenterol Ractopamine Ritodrine Salbutamol Terbutaline Tulobuterol Zilpaterol
BBY4SOP-00056	Determination of Virginiamycin in Tissue and Animal Derived Foods LCMSMS Virginiamycin
BBY4SOP-00059	Determination of Ceftiofur-Related Residues in Tissue and Animal Derived Foods LCMSMS DCA

<p>BBY4SOP-00060</p>	<p>Determination of Benzimidazoles in Tissue and Animal Derived Foods                      LCMSMS                      2-Aminosulfone Albendazole                      5-Hydroxythiabendazole                      Albendazole                      Albendazole Sulfone                      Albendazole Sulfoxide                      Cambendazole                      Carbendazim                      Fenbendazole                      Fenbendazole Sulfone                      Flubendazole                      Levamisole                      Mebendazole                      Oxfendazole                      Oxibendazole                      Thiabendazole</p>
<p>BBY4SOP-00062</p>	<p>Determination of Endectocides in Tissue, Feed and Animal Derived Foods                      LCMSMS                      Abamectin                      Doramectin                      Emamectin                      Eprinomectin                      Ivermectin                      Moxidectin</p>
<p>BBY4SOP-00063</p>	<p>Determination of Phenylbutazone in Tissue and Animal Derived Foods                      LCMSMS                      Phenylbutazone                      Oxyphenylbutazone</p>
<p>BBY4SOP-00064</p>	<p>Determination of Protein Bound Metabolites of Nitrofurans in Tissue and Animal Derived Foods                      LCMSMS                      3-Amino-2-oxazolidinone                      3-Amino-5-morpholinomethyl-oxazolidin-2-one                      1-Aminohydantoin hydrochloride                      Semicarbazide hydrochloride</p>

<p>BBY4SOP-00068</p>	<p>Determination of Tranquilizers and Carazolol in Tissue and Animal Derived Foods                      LCMSMS                      Acepromazine                      Azaperol                      Azaperone                      Carazolol                      Chlorpromazine                      Haloperidol                      Propionylpromazine                      Xylazine</p>
<p>BBY4SOP-00069</p>	<p>Determination of Morantel and Pyrantel Drug Related Metabolites in Tissue and Animal Derived Foods                      GCMS                      N-methyl-1,3-propanediamine</p>
<p>BBY4SOP-00070</p>	<p>Determination of Zeranol and Stilbenes in Tissue and Animal Derived Foods                      LCMSMS                      Dienestrol                      Diethylstilbestrol (DES)                      Hexestrol                      Taleranol  <math>\alpha</math>-Trenbolone  <math>\beta</math>-Trenbolone                      Zearalanone  <math>\alpha</math>-zearalenol  <math>\beta</math>-zearalenol                      Zearalenone                      Zeranol</p>

<p>BBY4SOP-00079</p>	<p>Determination of Volatile Pesticides in Tissue GCMS</p> <p>Aldrin BHC alpha BHC beta BHC delta Carbophenothion Chlordane cis (alpha) Chlordane trans (gamma) Chlorpyrifos Chlorpyrifos-methyl Coumaphos Diazinon Dichlofenthion Dichlorvos Dieldrin Endosulfan alpha Endosulfan beta Endosulfan Sulfate Endrin Endrin ketone Ethion Fenchlorophos (Ronnel) Fenthion Heptachlor Heptachlor epoxide (endo) Heptachlor epoxide (exo) Hexachlorobenzene Lindane (gamma-BHC) Methoxychlor Mirex o,p'-DDD (o,p'-TDE) o,p'-DDE o,p'-DDT Oxychlordane p,p'-DDD p,p'-DDE p,p'-DDT trans-Nonachlor</p>
<p>BBY4SOP-00080</p>	<p>Detection of Thyreostats in Animal Tissue, Eggs and Dairy LCMSMS</p> <p>Mercaptobenzimidazole Methylthiouracil Phenylthiouracil Propylthiouracil Tapazole ThiouTriazophos Tribufos (DEF) Triclosan Trifloxystrobin Triflumizole Trifluralin Triphenyl Phosphate Tris(1,3-Dichloroisopropyl) PO4 Tris(2-butoxyethyl) Phosphate Tris(2-chloroethyl) Phosphate Tris(chloropropyl) Phosphate Vernolate Vinclozolin</p>
<p>BBY4SOP-00083</p>	<p>Determination of Carbadox and Olaquinox- Related Metabolites in Tissue LCMSMS</p> <p>Desoxycarbadox (DCBX) Methylquinoxaline-2-carboxylic acid (MQCA) Quinoxaline-2-carboxylic acid (QCA)</p>
<p>BBY4SOP-00084</p>	<p>Determination of Amphenicols in Tissue and Animal Derived Foods LCMSMS</p> <p>Chloramphenicol Florfenicol Florfenicol Amine Thiamphenicol</p>

BBY4SOP-00085	Determination of Bacitracin A in Tissue and Animal Derived Foods LCMSMS Bacitracin A
BBY4SOP-00086	Determination of Nitroimidazoles in Tissue and Animal Derived Foods LCMSMS Dimetridazole (DMZ) Dimetridazole Metabolite (DMZOH) Ipronidazole (IPR) Ipronidazole Metabolite (IPROH) Metronidazole (MTZ) Metronidazole Metabolite (MTZOH) Ronidazole (RNZ) Tinidazole (TNZ)
BBY4SOP-00087	Determination of Aflatoxin in Dairy LCMSMS Aflatoxin M1
BBY4SOP-00089	Determination of Beta Lactams in Animal Tissue and Animal Derived Foods LCMSMS Amoxicillin Ampicillin Cloxacillin Dicloxacillin Nafcillin Oxacillin Penicillin G Penicillin V

<p>BBY4SOP-00091</p>	<p>Determination of Non-Steroidal Anti-Inflammatory Drugs (NSAIDS), Hormones and Corticosteroids in Animal Tissue, Eggs and Dairy LCMSMS With Protease Digest: Alpha-Trenbolone Beclomethasone Betamethasone Beta-Trenbolone Boldenone (BetaBoldenone) Carprofen Dexamethasone Dianabol Diclofenac 20-Dihydroprednisolone 20-Dihydroprednisone Etodolac Flumethasone Flunixin Ketoprofen MefenamicAcid Meloxicam Methylprednisolone Naproxen Niflumic Acid 19-Nortestosterone Epi-19-Nortestosterone Prednisolone Prednisone Testosterone Epi-Testosterone Tolfenamic Acid Triamcinalone Acetonide Vedaprofen No Digest: Acepromazine Azaperol Azaperone Carazolol Chlorpromazine Detomidine Firocoxib Haloperidol Oxyphenbutazone Phenylbutazone Propionylpromazine Xylazine</p>
<p>BBY4SOP-00092</p>	<p>Determination of Melamine in Eggs, Dairy and Processed Foods LCMSMS Melamine</p>
<p>BBY4SOP-00093</p>	<p>Determination of Bisphenol A in Dairy and Processed Foods LCMSMS Bisphenol A (BPA) Bisphenol A Diglycidyl Ether (BADGE) Bisphenol F (BPF) Bisphenol S (BPS)</p>
<p>BBY4SOP-00094</p>	<p>Determination of Ochratoxin A in Cereals and Processed Foods LCMSMS Ochratoxin A</p>

<p>BBY4SOP-00099</p>	<p>Determination of Macrolides in Tissue and Animal Derived Foods                      LCMSMS                      Clindamycin Desmycosin Erythromycin                      Gamithromycin Josamycin Lincomycin                      Neospiramycin Oleandomycin Pirlimycin                      Spiramycin Tildipirosin Tilmicosin                      Tulathromycin CP-60,300 (as Tulathromycin Equivalents) Tylosin Tylvalosin</p>
<p>BBY4SOP-00111</p>	<p>Aflatoxins in Food and Animal Feed                      LCMSMS                      Aflatoxin B1                      Aflatoxin B2                      Aflatoxin G1                      Aflatoxin G2</p>



<p>BBY4SOP-00123</p>	<p>Determination of Pesticides in Process Foods by GCMSMS and LCMSMS            LCMSMS/ GCMSMS            2,6-DIPN, 2356-Tetrachloroaniline, 2-Phenylphenol ,Acibenzolar-S-methyl, Alachlor, Aldrin, Allidochlor, Ametryn, Aramite, Aspon, Atrazine, Atrazine-desethyl, Azinophos-ethyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Benfluralin, Benodanil, Benzoylprop-ethyl, BHC-alpha, BHC-beta, BHC-delta (HCH-delta), BHC-gamma (Lindane), Bifenazate, BifenoX, Bifenthrin, Biphenyl, Bromacil, Bromophos, Bromophos-ethyl, Bromopropylate, Bupirimate, Buprofezin, Butachlor, Butralin, Butylate, Captafol (as THPI), Captan (as THPI), Carbofenthion, Carboxin, Chlorbenside, Chlorbromuron, Chlorbufam, Chlordane-cis, Chlordane-trans, Chlordimeform, Chlorfenapyr, Chlorfenson, Chlorfenvinphos (e+z), Chlorfluazuron, Chlorflurenol-methyl, Chlormephos, Chlorobenzilate, Chloroneb, Chloropropylate, Chlorothalonil, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthiamid, Chlorthion, Chlorthiophos, Chlozolate, Clofentezine, Clomazone, Coumaphos, Crotoxyphos, Cruformate, Cyanophos, Cycloate, Cyfluthrin (I, II, III, IV), Cyhalothrin (lambda + gamma), Cypermethrin, Cyprazine, Cyproconazole, Cyprodinil, Dacthal (Chlorthal-dimethyl, DCPA), DDD-o,p, DDD-p,p ,DDE-o,p, DDE-p,p, DDT-o,p, DDT-p,p, Deltamethrin, Demeton-O, Demeton-S, Demeton-S-methyl, Desmetryne, Dialifos (Dialofos), Diallate 1, Diazinon, Diazinon o analogue, Dichlobenil, Dichlofenthion Dichlofluanid, Dichlormid, Diclofop-methyl, Dicloran, Dicofol, Dicrotophos, Dieldrin, Diethatyl-ethyl, Dimethachlor, Dimethoate, Dinitramine, Dioxathion, Diphenamid, Diphenylamine, Disulfoton, Disulfoton sulfone, Edifenphos, Endosulfan alpha, Endosulfan beta, Endosulfan sulfate, Endrin, EPN, EPTC, Erbon, Etaconazole 2, Ethalfluralin, Ethiolate, Ethion,</p>
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	<p>Ethoprophos (Ethoprop), Ethoxyquin, Ethylan, Etridiazole, Etrimfos, Famoxadone, Fenamiphos, Fenamiphos sulfone, Fenarimol, Fenbuconazole, Fenchlorophos (Ronnell), Fenfuram, Fenitrothion, Fenobucarb, Fenpropathrin, Fenson, Fensulfothion, Fenthion, Fenvalerate &amp; Esfenvalerate, Fipronil, Flamprop-isopropyl, Flamprop-methyl, Flonicamid, Fluchloralin, Flucythrinate 1, Fludioxonil, Flumetralin, Fluopicolide, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Iprobenfos, Iprodione, Mefenoxam, Metaconazole, Metalaxyl, Metazachlor, Methamidophos, Methyl PCP Sulphide, Metribuzin, Mevinphos (cis &amp; trans), Nitralin, Nitrothal-isopropyl, Oxadiazon, Paraoxon, Pebulate, Pentachloroaniline, Pentachlorobenzene, Pentachlorobenzonitrile, Penthiopyrad, Permethrin (cis &amp; trans), Phenthoate, Phorate, Phorate Sulfone, Phorate Sulfoxide, Phosalone, Phosmet, Phosphamidon, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Prometon, Prometryne, Pronamide, Propachlor, Propanil (DCPA), Propargite, Propazine, Propetamphos, Propham, Propiconazole, Prothioconazole, Prothiophos, Pyracarbolid, Pyrazophos, Pyridaben, Quinalphos, Quinomethionate, Quintozene, Resmethrin (Bioresmethrin), Secbumeton, Simazine, Simetryn, Sulfallate, Sulfotep, Sulprofos, TCMTB, Tebuconazole, Tecnazene, Terbacil, Terbufos, Terbumeton, Terbutryne, Terbutylazine, Tetradifon, Tetraiodoethylene, Tetramethrin 2, Tetrasul, Thiobencarb, Tolclofos-methyl, Tolyfluanid, Triadimefon, Triadimenol, Triallate, Triazophos, Tribufos (DEF), Triclosan, Trifloxystrobin, Triflumizole, Trifluralin, Triphenyl Phosphate, Tris(1,3-Dichloroisopropyl)PO<sub>4</sub>, Tris(2-butoxyethyl) Phosphate, Tris(2-chloroethyl) Phosphate, Tris(chloropropyl) Phosphate, Vernolate, Vinclozolin</p>
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	<p>LCMSMS:</p> <p>3-Hydroxycarbofuran, 5-Hydroxythiabendazole, Abamectin, Acephate, Acetamiprid, Acetochlor, Aclonifen, Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Allethrin d-trans, Aminocarb, Anilofos, Azaconazole, Bendiocarb, Benomyl, Benoxacor, Bensulide, Bitertanol, Boscalid, Bromuconazole, Bufencarb, Butafenacil, Butocarboxim, Cadusafos, Carbaryl, Carbendazim, Carbofuran, Carbosulfan, Carfentrazone-ethyl, Chlorantraniliprole, Chloridazon, Chlorimuron ethyl, Chloroxuron, Chlortoluron, Clethodim, Clodinafop-propargyl, Cloquintocet-mexyl, Clothianidin, Cyanazine, Cyanofenphos, Cyantraniliprole, Cyazofamid, Cycloxydim, Cycluron, Cyromazine, Demeton-s-methyl sulfone, Demeton-s-methyl sulfoxide, Desmedipham, Diclocymet, Diethofencarb, Difenconazole, Diflubenzuron, Dimethametryn, Dimethomorph, Dimetilan, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dipropetryn, Diuron, Dodemorph, Dodine, Emamectin, Epoxiconazole, Ethiofencarb, Ethiofencarb sulfone, Ethiofencarb sulfoxide, Ethiprole, Ethirimol, Etofenprox, Etoxazole, Fenamidone, Fenamiphos sulfoxide, Fenhexamid, Fenoxanil, Fenoxycarb, Fenpropimorph, Fenpyroximate, Fentrazamide, Fluazifop-butyl, Flubendiamide, Flucarbazone-sodium, Flufenacet, Fluoxastrobin, Flupyradifurone, Flutolanil, Flutriafol, Fluxapyroxad, Forchlorfenuron, Formetanate, Fosthiazate, Fuberidazole, Furathiocarb, Griseofulvin, Haloxyfop, Imazamethabenz-methyl, Imazethapyr, Imidacloprid, Indoxacarb, Ipconazole, Iprovalicarb, Isocarbamide, Isofenphos-methyl, Isoprocarb, Isoproturon, Isoxadifen-ethyl, Isoxathion, Linuron, Mandipropamide, Mebendazole, Mepanipyrim, Mephosfolan, Mesotrione, Methabenzthiazuron, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide,</p>
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	<p>Methomyl, Methoxyfenozide, Metolcarb, Metosulam, Metoxuron, Mexacarbate, Monocrotophos, Napropamide, Naptalam, Novaluron, Ofurace, Oxadixyl, Oxamyl, Oxamyl-oxime, Oxycarboxin, Paclobutrazol, Pencycuron, Penoxsulam, Phenmedipham, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Prallethrin, Pretilachlor, Primisulfuron-methyl, Prodiamine, Promecarb, Propamocarb, Propoxur, Pymetrozine, Pyraclostrobin, Pyraflufen-ethyl, Pyridalyl, Pyridaphenthion, Pyridate, Pyrifenox, Pyrimethanil, Pyriproxyfen, Pyroquilon, Pyroxsulam, Quinoxifen, Quizalofop, Quizalofop ethyl, Rimusulfuron, Schradan, Sethoxydim, Simeconazole, Spinetoram (major &amp; minor), Spinosyn (A&amp;D), Spirodiclofen, Spiromesifen, Spiromesifen-enol, Spirotetramat, Spiroxamine, Sulfentrazone, Tebufenozide, Tebufenpyrad, Tebupirimfos, Tetrachlorvinphos, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thiazopyr, Thiodicarb, Thiofanox, Thiofanox sulfone, Thiofanox sulfoxide, Thiophanate-methyl, Tolfenpyrad, Tralkoxydim, Trichlorfon, Tricyclazole, Trietazine, Trifloxysulfuron, Triforine, Trimethacarb, Zinophos, Zoxamide</p> <p>LCMSMS – Negative mode          1-naphthol          Acrinathrin          Fipronil Sulfone          Fluazinam          Flumioxazin          Fluroxypyr          Lufenuron</p>
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<p>BBY4SOP-00128</p>	<p>Determination of Pesticides in FV Products and Honey by GC/LC LCMSMS/ GCMSMS</p> <p>GCMSMS: 2,6-DIPN, 2,3,5,6-Tetrachloroaniline Acibenzolar-S-methyl, Alachlor, Aldrin, Allidochlor, Ametryn, Aramite, Aspon, Atrazine, Atrazine-desethyl, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Benfluralin, Benodanil, Benzoylprop-ethyl, BHC- alpha, BHC-beta, BHC-delta (HCH-delta), BHC-gamma (Lindane), Bifenazate, Bifenox, Bifenthrin, Resmethrin, Biphenyl, Bromacil, Bromophos, Bromophos-ethyl, Bromopropylate, Bupirimate, Buprofezin, Butachlor, Butralin, Butylate, Captafol (as THPI), Captan (as THPI), Carbofenthion, Carboxin, Chlorbenside, Chlorbromuron, Chlorbufam, Chlordane-cis (alpha), Oxychlordane, Chlordane-trans (gamma), Chlordimeform, Chlorfenapyr, Chlorfenson, Chlorfenvinphos (e+z), Chlorfluazuron , Chlorflurenol-methyl, Chlormephos, Chlorobenzilate, Chloroneb, Chloropropylate, Chlorothalonil Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthiamid, Chlorthion, Chlorthiophos, Chlozolate, Clofentezine, Clomazone, Coumaphos, Crotoxyphos, Cruformate, Cyanophos, Cycloate, Cyfluthrin (I, II, III, IV), Cyhalothrin (Gamma), Cyhalothrin (lambda), Cypermethrin, Pentachlorobenzene, Cyprazine, Cyproconazole, Cyprodinil, Dacthal (Chlorthal- dimethyl, DCPA), DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDT-o,p', DDT- p,p', Deltamethrin, Demeton-O, Demeton-S, Demeton-S-methyl, Desmetryne, Dialifos (Dialofos), Diallylate, Diazinon, Diazoxon (Diazinon o analogue), Dichlofenthion, Dichlofluanid, Dichlormid, Dichlobenil, Dichlorvos, Diclobutrazole, Diclofop-methyl, Dicloran, Dicrotophos, Dieltrin, Diethatyl-ethyl, Dimethachlor, Dimethoate, Dinitramine,</p>
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	<p>Dioxathion, Diphenamid, Diphenylamine, Disulfoton, Disulfoton sulfone, Edifenphos, Endosulfan-alpha, Endosulfan-beta, Endosulfan sulfate, Endrin, EPN, EPTC, Erbon, Esfenvalerate &amp; Fenvalerate, Etaconazole, Ethalfluralin, Ethiolate, Ethion, Ethofumesate, Ethoprophos (Ethoprop), Ethoxyquin, Ethylan, Etridiazole, Etrimfos, Famoxadone, Fenamiphos, Fenamiphos sulfone, Fenarimol, Fenbuconazole, Fenfuram, Fenitrothion, Fenobucarb, Fenpropathrin, Fenson, Fensulfothion, Fenthion, Fipronil, Flamprop-isopropyl, Flamprop-methyl, Flonicamid, Fluchloralin, Flucythrinate, Fludioxonil, Flumetralin, Fluopicolide, Fluorodifen, Fluquinconazole, Fluridone, Fluorochloridone, Flusilazole, Fluvalinate-tau, Folpet, Fonofos, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptenophos, Hexachlorobenzene, Hexaconazole, Hexazinone, Hexythiazox, Imazalil, Iodofenphos, Iprobenfos, Iprodione, Isazophos (Miral), Isocarbophos, Isofenphos, Isopropalin, Isoprothiolane, Kresoxim-methyl, Leptophos, Malaaxon, Malathion, Mecarbam, Metaconazole, Metalaxyl, Metazachlor, Methamidophos, Methoprene, Methoprotryne, Methoxychlor, o,p'-, Methoxychlor, Methyl Trithion, Metobromuron, Metolachlor, Metribuzin, Mevinphos, MGK-264, Mirex, Monolinuron, Myclobutanil, Naled, Nicotine, Nitralin, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Nonachlor, cis-, Nonachlor, trans-, Norflurazon, Norflurazon-Desmethyl, Nuarimol, Octhilinone, Omethoate, Oxadiazon, Oxyflurofen, Dicofol (o,p and p,p), Paraoxon, Parathion, Parathion-methyl, Pebulate, Penconazole, Pendimethalin (Penoxaline), Pentachloroaniline, Pentachlorobenzonitrile, Pentachlorothioanisole (Methyl PCP Sulfide), Permethrin (cis/trans), Phenthoate, 2-Phenylphenol (ortho-Phenylphenol), Phorate, Phorate sulfone, Phorate Sulfoxide, Phosalone, Phosmet, Phosphamidon, Phthalimide, Piperonyl butoxide,</p>
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	<p>Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Prometon, Prometryne, Pronamide, Propachlor, Propanil (DCPA), Propargite, Propazine, Propetamphos, Propham, Propiconazole, Prothiophos, Prothioconazole, Pyracarbolid, Pyrazophos, Pyridaben, Quinalphos, Quinomethionate (Oxythioquinox), Quintozene, Fenchlorophos (Ronne), Secbumeton, Simazine, Simetryn, Sulfallate, Sulfotep, Sulprofos, TCMTB, Tebuconazole, Tecnazene (TCNB), Terbacil, Terbufos, Terbumeton, Terbutylazine, Terbutryne, Tetradifon, Tetraiodoethylene, Tetramethrin, Tetrasul, Thiobencarb, Tolclofos-methyl, Tolyfluanid, Triadimefon, Triadimenol, Triallate, Triazophos, Triclosan, Trifloxystrobin, Triflumizole, Trifluralin Tribufos (DEF), Triphenyl phosphate, Tris(1,3-Dichloroisopropyl) Phosphate, Tris(2-butoxyethyl) Phosphate, Tris(2-chloroethyl) Phosphate, Tris(chloropropyl) Phosphate, Vernolate, Vinclozolin</p> <p>LCMSMS:  3-Hydroxycarbofuran, 5-Hydroxythiabendazole, Abamectin B1a, Acephate, Acetamiprid, Acetochlor, Aclonifen, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Aminocarb, Anilofos, Azaconazole, Bendiocarb, Benomyl - as carbendazim, Benoxacor, Bensulide, Bitertanol, Boscalid, Bromuconazole, Bufencarb, Butafenacil, Butocarboxime, Butocarboxim sulfoxide, Cadusafos, Carbaryl, Carbendazim, Carbetamide, Carbosulfan (as carbofuran), Carbofuran, Carfentrazone-ethyl, Chlorantraniliprole, Chloridazon, Chlorimuron ethyl, Chloroxuron, Clethodim, Chlortoluron, Clodinafop-propargyl, Cloquintocet-mexyl, Clothianidin, Cyanazine, Cyanofenphos, Cyazofamid, Cycloxydim, Cycluron, Cyromazine, Demeton-s-methyl sulfone, Demeton-s-methyl sulfoxide, Desmedipham, Diclocymet, Diethofencarb, Difenconazole, Diflubenzuron, Dimethametryn,</p>
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	<p>Dimethomorph, Dimetilan, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dipropetryn, Diuron, Dodemorph, Dodine, Allethrin d-trans (bioallethrin), Ethirimol, Emamectin, Epoxiconazole, Ethiofencarb, Ethiofencarb sulfone, Ethiofencarb sulfoxide, Ethiprole, Etofenprox, Etoxazole, Fenamidone, Fenamiphos sulfoxide, Fenazaquin, Fenhexamid, Fenoxanil, Fenoxycarb, Fenpropidin, Fenpropimorph, Fenpyroximate, Fentrazamide, Fluxapyroxad, Fluazifop-butyl, Flubendiamide, Flucarbazone-sodium, Flufenacet, Fluoxastrobin, Flutolanil, Flutriafol, Forchlorfenuron, Formetanate, Fosthiazate, Fuberidazole, Furathiocarb, Griseofulvin, Haloxyfop, Imazamethabenz-methyl, Imazethapyr, Imidacloprid, Indoxacarb, Ipconazole, Iprovalicarb, Isocarbamide, Isofenphos-methyl, Isoprocab, Isoproturon, Isoxadifen-ethyl, Isoxathion, Linuron, Lufenuron, Mandipropamide, Mepanipyrim, Mephosfolan, Methabenzthiazuron, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methoxyfenozide, Methomyl, Metolcarb, Metosulam, Metoxuron, Mexacarbate, Molinate, Monocrotophos, Napropamide, Naptalam, Neburon, Novaluron, Ofurace, Oxadixyl, Oxamyl, Oxamyl-oxime, Oxycarboxin, Paclobutrazol, Pencycuron, Penoxsulam, Phenmedipham, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Prallethrin, Pretilachlor, Primisulfuron-methyl, Prodiamine, Promecarb, Propamocarb, Propoxur, Pymetrozine, Pyraclostrobin, Pyraflufen-ethyl, Pyridalyl, Pyridaphenthion, Pyridate, Pyrifenox, Pyrimethanil, Pyriproxyfen, Pyroquilon, Pyroxsulam, Quinoxyfen, Quizalofop, Quizalofop ethyl, Schradan, Sethoxydim, Simeconazole, Spinetoram (major/minor), Spinosad (spinosyn A &amp; D), Spirodiclofen, Spiromesifen, Spiromesifen-enol, Spirotetramat, Spiroxamine, Sulfoxaflor, Sulfentrazone, Tebufenozide, Tebufenpyrad, Tebupirimfos, Tepraloxydim, Tetrachlorvinphos,</p>
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	<p>Tetraconazole, Thiabendazole, Thiocloprid, Thiamethoxam, Thiazopyr, Thiodicarb, Thiofanox, Thiofanox sulfone, Thiofanox sulfoxide, Thiophanate-methyl (as carbendazim), Tolfenpyrad, Tralkoxydim, Trichlorfon, Tricyclazole, Trietazine, Trifloxysulfuron, Triforine, Trimethacarb, Zinophos, Zoxamide</p> <p>LCMSMS – Negative mode:</p> <p>1-naphthol  Acrinathrin  Fipronil Sulfone  Fluazinam  Flumioxazin  Fluroxypyr  Lufenuron</p>
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<p>BBY4SOP-00129</p>	<p>Determination of Pesticides in Tissue by GCMSMS and LCMSMS LCMSMS/ GCMSMS</p> <p>GCMSMS: 2-Phenylphenol, Alachlor metabolite (2-chloro-2',6'-diethylanilide), Alachlor, Aldrin, Azinphos-methyl, Azoxystrobin, BHC-alpha, BHC-beta, BHC-delta, BHC-gamma (Lindane), Bifenthrin, Buprofezin, Carbophenothion, Chlordane-cis, Chlordane-trans, Chlorfenvinphos, Chloroneb, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Coumaphos (Coumaphos O), Cyfluthrin (I, II, III, IV), Cyhalothrin (lambda + gamma), Cypermethrin, DDD-o,p, DDD-p,p, DDE-o,p, DDE-p,p, DDT-o,p, DDT-p,p, Deltamethrin, Diazinon, Dichlofenthion, Dichlorvos, Dicofol, Dieldrin, Dimethoate, Disulfoton, Endosulfan alpha, Endosulfan beta, Endosulfan sulfate, Endrin, Ethion, Ethofumesate, Fenchlorophos (Ronnel), Fenitrothion, Fenpropathrin, Fenthion, Fenvalerate &amp; Esfenvalerate, Fipronil, Fipronil desulfinyl, Fipronil sulfide, Fluridone, Fluvalinate (Fluvalinate-tau), Fonofos, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Hexazinone, Hexythiazox, Malathion, Methamidophos, Methidathion, Methoxychlor, o,p-, Methoxychlor (Methoxychlor, p,p-), Metolachlor, Metribuzin, MGK-264 (Zengxiaoan), Mirex, Nonachlor, cis-, Nonachlor, trans-, Oxychlordane, Parathion, Parathion-methyl, Pentachloroaniline, Pentachlorobenzene, Permethrin (cis &amp; trans), Phorate, Phorate sulfone, Phosmet, Piperonyl butoxide, Pirimiphos-methyl, Pronamide, Propachlor, Propanil (DCPA), Propetamphos, Propiconazole, Resmethrin (cis &amp; trans), Sulprofos, Tefluthrin, Terbufos, Tribufos (DEF), Trifloxystrobin</p> <p>LCMSMS: 3-Hydroxycarbofuran, Acephate, Acetamiprid, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide,</p>
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	<p>Aminocarb, Atrazine, Atrazine-desethyl (De-Ethyl Atrazine), Azamethiophos, Bendiocarb, Benoxacor, Boscalid, Bufencarb, Carbaryl, Carbofuran, Carboxin, Carfentrazone-ethyl, Clofentezine, Clothianidin, Coumaphos S, Difenconazole, Diflubenzuron, Dioxacarb, Diuron, Fenoxaprop-ethyl, Fluroxypyr-1-Methylheptyl-Ester, Imazalil, Imidacloprid, Indoxacarb, Isoprocarb, Linuron, Metalaxyl, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methomyl, Methoxyfenozide, Myclobutanil, Norflurazon, Oxamyl, Prallethrin, Profenofos, Promecarb, Propoxur, Pyraclostrobin, Pyrethrin, Pyridaben, Pyriproxyfen, Quizalofop ethyl, Simazine, Tebufenozide, Tetrachlorvinphos, Tetraconazole, Thiabendazole, Thiamethoxam, Thiobencarb</p> <p>LCMSMS - Negative mode: 1-naphthol</p>
<p>BBY4SOP-00130</p>	<p>Determination of Tiamulin in Animal Tissue GCMS 8<math>\alpha</math>-hydroxymutilin</p>
<p>BBY4SOP-00131</p>	<p>Determination of 3-monochloropropane-1,2-diol (3-MCPD) in Food and Food Ingredients GCMS 3-monochloropropane-1,2-diol</p>

<p>BBY4SOP-00132</p>	<p>Multi-Residue Determination of Multi-Class Drugs in Urine LCMSMS</p> <p>Alpha-Trenbolone Beta-Trenbolone Clenbuterol Ractopamine Zilpaterol Chlormadinone Acetate Megestrol Acetate Melengestrol Acetate Alpha-Zearalenol Beta-Zearalenol Taleranol Zearalanone Zearalenone Zeranol</p>
<p>BBY4SOP-00134</p>	<p>Determination of Ethyl Carbamate in Beverages and Processed Food GCMS Ethyl Carbamate</p>
<p>BBY4SOP-00135</p>	<p>Determination of Diquat and Paraquat in Fruit, Vegetables and Processed Foods LCMSMS Diquat Paraquat</p>
<p>BBY4SOP-00136</p>	<p>Determination of Glyphosate and Metabolites in Fruit, Vegetables and Processed Foods LCMSMS Glyphosate Glufosinate (Aminomethyl)phosphonic Acid</p>
<p>BBY4SOP-00137</p>	<p>Determination of Alternaria Mycotoxins in Beverages and Honey LCMSMS Alternariol (AOH) Alternariol Methyl Ether (AME) Altenuene (ATE) L-Tenuazonic Acid (TZA)</p>

<p>BBY4SOP-00138</p>	<p>Multi-Residue Determination of Multi-Class Drugs in Animal Tissue and Animal Derived Foods LCMSMS</p> <p>Tissue:  Ampicillin, Amoxicillin, Cloxacillin, Dicloxacillin, Nafcillin, Oxacillin, Penicillin G, Cephalexin, Cefazolin, Desfuroylceftiofur Cysteine Disulfide (DCCD), Ciprofloxacin, Danofloxacin, Desethylene-Ciprofloxacin, Enrofloxacin, Norfloxacin, Ofloxacin, Sarafloxacin, Clindamycin, Erythromycin, Gamithromycin, Josamycin, Lincomycin, Neospiramycin, Oleandomycin, Pirlimycin, Spiramycin, Tildipirosi, Tilmicosin, Tulathromycin, Tylosin, Tylvalosin, Sulfabenzamide, Sulfacetamide, Sulfachlorpyridazine, Sulfadiazine, Sulfadoxine, Sulfadimethoxine, Sulfaethoxypyridazine, Sulfamerazine, Sulfamethoxypyridazine, Sulfamethazine, Sulfaquinoxaline, Sulfathiazole, Trimethoprim, Chlortetracycline, Oxytetracycline, Tetracycline, Doxycycline, Chloramphenicol, Thiamphenicol, Tiamulin</p> <p>Egg and Dairy:  Ampicillin, Amoxicillin, Cloxacillin, Dicloxacillin, Oxacillin, Penicillin G, Penicillin V, Sulfachlorpyridazine, Sulfadiazine, Sulfadoxine, Sulfadimethoxine, Sulfamerazine, Sulfamethoxypyridazine, Sulfamonomethoxine, Sulfamethazine, Sulfamethizole, Sulfamethoxazole, Sulfisoxazole, Sulfapyridine, Sulfaquinoxaline, Sulfathiazole, Trimethoprim, Chlortetracycline, Oxytetracycline, Tetracycline, Doxycycline, Ciprofloxacin, Danofloxacin, Difloxacin, Enrofloxacin, Flumequine, Oxolinic Acid, Marbofloxacin, Norfloxacin, Sarafloxacin, Erythromycin, Josamycin, Lincomycin, Spiramycin, Tilmicosin, Tylosin</p> <p>Seafood:</p>
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	<p>Ciprofloxacin, Enrofloxacin, Sarafloxacin, Danofloxacin, Difloxacin, Norfloxacin, Ofloxacin, Oxolinic Acid, Flumequine, Nalidixic Acid, Marbofloxacin, Orbifloxacin, Sparfloxacin, Pipemidic Acid, Crystal Violet, Malachite Green, Leucomalachite Green, Leucocrystal Violet, Chlortetracycline, Oxytetracycline, Tetracycline, Doxycycline, Sulfacetamide, Dapsone, Ormetoprim, Sulfamethoxypyridazine, Sulfabenzamide, Sulfachloropyridazine, Sulfadiazine, Sulfadimethoxine, Sulfadoxine, Sulfaethoxypyridazine, Sulfaguanidine, Sulfamerazine, Sulfameter, Sulfamethazine, Sulfamethizole, Sulfamethoxazole, Sulfamonomethoxine, Sulfamoxole, Sulfanilamide, Sulfaphenazole, Sulfapyridine, Sulfaquinoxaline, Sulfathiazole, Sulfisomidine, Sulfisoxazole, Trimethoprim, Metronidazole, Dimetridazole Metabolite, Ronidazole, Ipronidazole metabolite, Dimetridazole, Tinidazole, Ipronidazole, Metronidazole Metabolite, Erythromycin</p>
<p>BBY4SOP-00139</p>	<p>Multi-Residue Determination of Multi-Class Antibiotics in Honey LCMSMS</p> <p>Sulfadiazine Sulfamerazine Sulfamethazine Sulfapyridine Sulfathiazole Chlortetracycline Oxytetracycline Tetracycline Doxycycline Ciprofloxacin Danofloxacin Difloxacin Enrofloxacin Sarafloxacin Desmicosin Erythromycin Lincomycin Tylosin Monensin Fumagillin Chloramphenicol Streptomycin</p>
<p>BBY4SOP-00142</p>	<p>Determination of Steroids and Stilbenes in Fish LCMSMS</p> <p>19-Nortestosterone (Nandrolone) Epi-19-Nortestosterone (Epi-Nandrolone) Alpha-Boldenone Beta-Boldenone 17-Alpha-Methyltestosterone Alpha-Trenbolone Beta-Trenbolone Hexestrol Dienestrol Diethylstilbestrol (DES)</p>

BBY4SOP-00144	Multi-Residue Determination of Multi-Class Drugs in Animal Feed and Pre-Feed LCMSMS Lasalocid Salinomycin Monensin Virginiamycin Narasin Ractopamine
BBY4SOP-00146	Determination of T-2 and HT2 Mycotoxins in Processed Foods LCMSMS T-2 HT-2
BBY4SOP-00147	Determination of Zearalenone and Related Mycotoxins in Processed Foods LCMSMS $\alpha$ -zearalenol $\beta$ -zearalenol Zearalenone
BBY4SOP-00149	Multi-residue determination of Mycotoxins in Processed Foods LCMSMS  3-acetyldeoxynivalenol 15-acetyldeoxynivalenol Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Cyclopiazonic Acid Deoxynivalenol Diacetoxyscirpenol Ergocristine Ergocryptine Ergosine Fumonisin B1 Fumonisin B2 Fumonisin B3 Fusarenone-X Neosolaniol Nivalenol Ochratoxin A Sterigmatocystin T-2 Toxin HT-2 Toxin $\alpha$ -zearalenol $\beta$ -zearalenol Zearalenone

**ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY**

**Environmental:**

**Biological Tissues**

<p>BBY4SOP-00108</p>	<p>Determination of Polycyclic Aromatic Hydrocarbons in Tissue by GC/MS</p> <p>Acenaphthene            Acenaphthylene            Anthracene            Benzo(a)anthracene            Benzo(a)pyrene            Benzo(b)fluoranthene            Benzo(g,h,i)perylene            Benzo(k)fluoranthene            Chrysene            Dibenz(a,h)anthracene            Fluoranthene            Fluorene            Indeno(1,2,3-c,d)pyrene            Naphthalene            Phenanthrene            Pyrene</p>
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Number of Scope Listings: 108

Number of Forensic Techniques: 4

**Notes:**

**SCC\_SCC\_RG\_FORENSIC:** *SCC Requirements and Guidance for the Accreditation for Forensic Testing Laboratories*

All laboratory standard operating procedures are developed in-house.

ISO/IEC: International Organization for Standardization/International Electrotechnical Commission

GC: Gas Chromatography

GC-MS or GC/MS: Gas Chromatography-Mass Spectrometry

GC-MS-MS or GCMSMS: Gas Chromatography-High Resolution Mass Spectrometry

HPLC: High Pressure Liquid Chromatography

LC-MS: Liquid Chromatography

LC-MS-MS or LCMSMS: Liquid Chromatography-High Resolution Mass Spectrometry

AFAP: Agriculture Inputs, Food, Animal Health and Plant Protection

ET: Environmental Testing

PSA: Program Speciality Area

ICP-MS or ICPMS: Inductively Coupled Mass Spectrometry

RYM: Rapid yeast and mild count

STEC: Shiga toxin-producing escherichia coli

MPN: Most Probable Number

BAM: Bacteriological Analytical Manual

FDA: United States Food and Drug Administration

H7: flagellar antigen

NM: non-motile

E.coli: Escherichia coli



spp.: species, plural form  
LMO: Listeria monocytogenes  
PCR: polymerize chain reaction  
SPT: salmonella phage protein  
LSX: listeria species express  
LPT: listeria phage protein  
FSIS: USDA Food Safety and Inspection Services  
USDA: United States Department of Agriculture  
USP: US Pharmacopeia  
NHP: Natural Health Products  
EBDC: ethylenebisdithiocarbamates  
NSAIDS: Non-Steroidal Anti-Inflammatory Drugs  
GC/LC: Gas Chromatography/Liquid Chromatography  
FV: fruit and vegetables  
SM: Standard Method

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc-ccn.ca](http://www.scc-ccn.ca)

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