

SCOPE OF ACCREDITATION

MAXXAM ANALYTICS
4606 Canada Way
Burnaby, BC
V5G 1K5

Accredited Laboratory No. 117

(Conforms with requirements of CAN-P-1578 , CAN-P-1585, CAN-P-1587 , CAN-P-4E (ISO/IEC 17025:2005))

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Biological, Chemical/Physical

FORENSICS DISCIPLINE(S): Forensic Equine Drug Testing

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

ISSUED ON: 2012-01-24

VALID TO: 2014-06-08

Testing conducted at: 8577 Commerce Court, Burnaby BC V5A 4N5

Forensics:

Forensic Equine Drug Testing (Drugs in Horse Urine and Blood)

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products: (Human and Animal Consumption)

(Feed)

52-C-134	Method for the Determination of 17-a-Methyltestosterone in Feed
52-C-143	Method for the Determination of Avermectins in Feed
BBY4SOP-00105	Determination of 17-a-Methyltestosterone in Feed
BBY4SOP-00110	Determination of Avermectins in Feed

(Food Methods: Proximate Analysis)

68-C-219	Method for the Determination of Sulfites in Food
BBY4SOP-00049	Sulfites in Food
BBY4SOP-00104	Determination of Histamine in Fish

(Fruits and Vegetables, Processed Foods, Animal Tissue, Meat, Fish, Dairy, Honey, Eggs and Egg Products and Animal Derived Foods)

65-S-051	Analysis of Metals in Meat, Fruit and Vegetables, Processed Foods and Animal Derived Foods by ICPMS
BBY4SOP-00041	Determination of Pesticides in Processed Foods and Animal Derived Foods
BBY4SOP-00048	Determination of Tetracyclines in Tissue and Animal Derived Foods
BBY4SOP-00052	Determination of Phenol in Honey
BBY4SOP-00058	Determination of Tetracyclines in Honey
BBY4SOP-00061	Determination of Halofuginone in Tissue and Animal Derived Foods
BBY4SOP-00066	Determination of Pesticides in Animal Derived Foods
BBY4SOP-00071	Determination of Benzaldehyde in Honey
BBY4SOP-00074	Determination of Sulfonamide Residues in Animal Derived Foods
BBY4SOP-00103	Determination of Phenylbutazone and Flunixin Residues in Dairy
BBY7SOP-00011	

BBY7SOP-00013	Analysis of Metals in Meat, Fruit and Vegetables, Processed Foods and Animal Derived Foods by ICP-MS Acid Digestion of Tissue and Vegetation Samples for Analysis of Heavy Metals
(Microbiological)	
AOAC-030502	Qualicon BAX System for the Detection of Pathogenic Bacteria (BBY4SOP-00019)
MFHPB-18	Determination of Aerobic Colony Count in Foods and Environmental Samples (BBY4SOP-00017)
MFHPB-19	Enumeration of Coliforms, Faecal Coliforms and <i>E. coli</i> in Foods and Water Samples by the Most Probable Number Technique (BBY4SOP-00008)
MFHPB-20	Methods for the Isolation and Identification of Salmonella from Foods and Environmental Samples (BBY4SOP-00020)
MFHPB-21	Enumeration of <i>Staphylococcus aureus</i> in Foods (BBY4SOP-00022)
MFHPB-22	Enumeration of Yeasts and Molds in Foods (BBY4SOP-00018)
MFHPB-27	Enumeration of <i>Escherichia coli</i> in Foods by a Direct Plating (DP) Method (BBY4SOP-00016)
MFHPB-29	Detection of <i>Listeria</i> spp. in foods and environmental samples by the VIDAS <i>Listeria</i> method (COR SOP-00016)
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> from all Foods and Environmental Samples (BBY4SOP-00021)
MFHPB-32	Enumeration of Yeast and Mold in Food Products and Food Ingredients Using 3M Petrifilm Yeast and Mold count Plates (BBY4SOP-000074)
MFHPB-33	Enumeration of Total Aerobic Bacteria in food Products and Food Ingredients Using 3M Petrifilm Aerobic Count Plates (BBY4SOP-000028)
MFHPB-34	

	Enumeration of <i>E. coli</i> and Coliforms in Food Products and Food Ingredients using 3M Petrifilm <i>E. coli</i> Plates (BBY4SOP-00023)
MFHPB-35	Enumeration of Coliforms in Food, Food ingredients and Environmental Samples using 3M Petrifilm Coliform Count Plates (BBY4SOP-00027)
MFLP-09	Enumeration of Enterobacteriaceae in Food and Environmental Samples Using 3M Petrifilm Enterobacteriaceae Count Plates (BBY4SOP-000073)
MFLP-15	Qualicon BAX System for the Detection of Pathogenic Bacteria (BBY4SOP-00019)
MFLP-21	Enumeration of <i>Staphylococcus aureus</i> in Foods and Environmental Samples using 3M Petrifilm Staph Express Count (STX) Plates (BBY4SOP-00026)
MFLP-28	Qualicon BAX System for the Detection of Pathogenic Bacteria (BBY4SOP-00019)
MFLP-29	The Qualicon BAX System for the Detection of Pathogenic Bacteria (BBY4SOP-00019)
MFLP-30	Qualicon BAX System for the Detection of Pathogenic Bacteria (BBY4SOP-00019)
MFLP-33	Detection of <i>Listeria monocytogenes</i> in foods by the VIDAS LMO 2 method (COR SOP-0015)
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Food (BBY4SOP-000053)
MFLP-77	Detection of <i>Listeria</i> spp. in food products and environmental samples by the VIDAS® <i>Listeria</i> species Xpress (LSX) method (COR SOP-00005)
MFLP-80	Isolation of <i>E. coli</i> 0157:H7 or NM in Foods (BBY4SOP-00025)
MFLP-87	Isolation of <i>E. coli</i> 0157:H7 or NM in Foods (BBY4SOP-00025)
MLG4.04 (Current Version)	FSIS Procedure for the Isolation and Identification of <i>Salmonella</i> from

MLG4C.02 (Current Version)

Meat, Poultry and Egg Products
(BBY4SOP-00024)
Qualicon BAX System for the
Detection of Pathogenic
Bacteria (BBY4SOP-00019)

(Other)

52-C-006	Method for the Determination of Clopidol in Tissue and Animal Derived Foods
52-C-011	Method for the Determination of Carbadox and Carbadox Related Metabolites in Tissue
52-C-012	Method for the Determination of Trenbolone in Tissue and Animal Derived Foods
52-C-040	Method for the Determination of Dexamethasone in Tissue and Animal Derived Foods
52-C-084	Method for the Determination of Zeranol and Stilbenes in Tissue and Animal Derived Foods
BBY4SOP-00032	Determination of Aminoglycosides in Tissue and Animal Derived Foods
BBY4SOP-00033	Determination of Dithiocarbamates (EBDC) in Fruits and Vegetables, Processed Foods and Animal Derived Foods by CS ₂ Evolution
BBY4SOP-00034	Determination of Clopidol in Tissue and Animal Derived Foods
BBY4SOP-00035	Determination of Chlorinated Phenols in Tissue and Animal Derived Foods
BBY4SOP-00036	Determination of Fluoroquinolones in Tissue and Animal Derived Foods
BBY4SOP-00037	Determination of Synthetic Pyrethrins in Tissue and Animal Derived Foods
BBY4SOP-00038	Determination of Carbamates in Tissue and Animal Derived Foods
BBY4SOP-00039	Determination of Thiabendazole in Fruit and Vegetables, Processed Foods and Animal Derived Foods
BBY4SOP-00040	Multi-Residue Method for the Determination of Pesticides in Fruits and Vegetables

BBY4SOP-00042	Determination of Decoquinatone in Tissue and Animal Derived Foods
BBY4SOP-00043	Determination of Ethylenebisdithiocarbamate (EBDC) in Fruits and Vegetables, Processed Foods and Animal Derived Foods
BBY4SOP-00044	Determination of Daminozide (ALAR) in Fruits and Vegetables, Processed Foods and Animal Derived Foods
BBY4SOP-00045	Determination of Ethylenethiourea in Fruits and Vegetables, Processed Foods and Animal Derived Foods
BBY4SOP-00046	Determination of Ionophores and Nicarbazine in Tissue and Animal Derived Foods
BBY4SOP-00047	Determination of Gestagens in Tissue and Animal Derived Foods
BBY4SOP-00050	Determination of Sulfonamides in Tissue
BBY4SOP-00051	Determination of Amitraz and Metabolites in Fruits and Vegetables, Processed Foods and Animal Derived Foods
BBY4SOP-00054	Determination of Dipyrone Related Residues in Tissue and Animal Derived Foods
BBY4SOP-00055	Determination of Beta Agonists in Tissue and Animal Derived Foods
BBY4SOP-00056	Determination of Virginiamycin in Tissue and Animal Derived Foods
BBY4SOP-00057	Determination of Benomyl in Fruits and Vegetables, Processed Foods and Animal Derived Foods
BBY4SOP-00059	Determination of Ceftiofur-Related Residues in Tissue and Animal Derived Foods
BBY4SOP-00060	Determination of Benzimidazoles in Tissue and Animal Derived Foods
BBY4SOP-00062	Determination of Endectocides in Tissue and Animal Derived Foods
BBY4SOP-00063	Determination of Phenylbutazone in Tissue and Animal Derived Foods
BBY4SOP-00064	Determination of Protein Bound Metabolites of Nitrofurans in Tissue and Animal Derived Foods
BBY4SOP-00065	Determination of Formetanate in Fruits and Vegetables, Processed

BBY4SOP-00067	Foods and Animal Derived Foods Determination of Amphenicols in Fish
BBY4SOP-00068	Determination of Tranquilizers and Carazolol in Tissue and Animal Derived Foods
BBY4SOP-00069	Determination of Morantel and Pyrantel Drug Related Metabolites in Tissue and Animal Derived Foods
BBY4SOP-00070	Determination of Zeranol and Stilbenes in Tissue and Animal Derived Foods
BBY4SOP-00072	Determination of Trenbolone and 19-Nortestosterone in Urine
BBY4SOP-00077	Determination of Beta Agonists in Urine
BBY4SOP-00078	Determination of Emamectin, Ivermectin and Abamectin in Fish
BBY4SOP-00079	Determination of Volatile Pesticides and PCB s in Tissue
BBY4SOP-00080	Detection of Thyreostats in Animal Tissue, Eggs and Dairy
BBY4SOP-00081	Determination Oxolinic Acid, Flumequine and Nalidixic Acid in Fish
BBY4SOP-00082	Determination of Triphenylmethane Dyes in Tissue
BBY4SOP-00083	Determination of Carbadox and Olaquinox-Related Metabolites in Tissue
BBY4SOP-00084	Determination of Amphenicols in Tissue and Animal Derived Foods
BBY4SOP-00085	Determination of Bacitracin A in Tissue and Animal Derived Foods
BBY4SOP-00086	Determination of Nitroimidazoles in Tissue and Animal Derived Foods
BBY4SOP-00087	Determination of Aflatoxin in Dairy
BBY4SOP-00088	Determination of Butyric Acid in Honey
BBY4SOP-00089	Determination of Beta Lactams in Animal Tissue and Animal Derived Foods
BBY4SOP-00090	Determination of Zeranol and Stilbenes in Urine
BBY4SOP-00091	Determination of Non-Steroidal Anti-Inflammatory Drugs (NSAIDS), Hormones and Corticosteroids in Animal Tissue,

BBY4SOP-00092	Eggs and Dairy Determination of Melamine in Eggs, Dairy and Processed Foods
BBY4SOP-00093	Determination of Bisphenol A in Dairy and Processed Foods
BBY4SOP-00094	Determination of Ochratoxin A in Cereals and Cereal Products
BBY4SOP-00095	Determination of Deoxynivalenol (Vomitoxin) in Cereal and Cereal Products
BBY4SOP-00096	Determination of Fumagillin in Honey
BBY4SOP-00097	Determination of Steroids in Tissue and Animal Derived Foods
BBY4SOP-00098	Determination of Pesticides in Fruits, Vegetables and Processed Foods by LC/MS/MS
BBY4SOP-00099	Determination of Macrolides in Tissue and Animal Derived Foods
BBY4SOP-00100	Determination of Trenbolone in Tissue and Animal Derived Foods
BBY4SOP-00101	Determination of Flunixin in Tissue and Animal Derived Foods
BBY4SOP-00102	Determination of Dexamethasone in Tissue and Animal Derived Foods
BBY4SOP-00106	Determination of Beta-Estradiol in Urine
BBY7SOP-00014	Determination of Mercury in Tissue Digests

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental

(Biological Issues)

BBY4SOP-00108	Determination of Polycyclic Aromatic Hydrocarbons in Tissue by GC/MS
BBY4SOP-00109	Determination of Perfluorocarbons in Tissue

(Water)

BBY4SOP-00107	Determination of Pharmaceuticals and Personal Care Products in
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BBY9SOP-00001

Water by LC/MS/MS
Methyl-mercury in Tissue by
LC-ICPMS

Other

(Compressed Breathing Air Systems)

BBY5SOP-00012

Determination of Oil and Particulate Matter in Diving Gases, Medical Gases and Compressed Breathing Air

BBY5SOP-00013

Determination of Water Vapour in Diving Gases, Medical Gases and Compressed Breathing Air

BBY5SOP-00017

Determination of Odour in Diving Gases, Medical Gases and Compressed Breathing Air

BBY5SOP-00021

Determination of Halogenated Hydrocarbons in Medical, Diving and Compressed Breathing Air

BBY5SOP-00022

Determination of Nitrous Oxide in Medical and Diving Gases

BBY5SOP-00026

Determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, Oxygen, and Non-Methane Hydrocarbons (as Methane) in Diving, Medical and Compressed Breathing Air

CAN/CSA-Z180.1 (current version)

Analysis of Compressed Breathing Air

CSA Z275.2 (current version)

Compressed Diving Gases

MEDICAL

(Medical Gases)

CAN/CSA Z7396.1-06, and
CSA Z7396.1-09

Medical Gas Pipeline System (for allowable Levels of Contaminants in Medical Gases)

(Medical Gases Analysis)

BBY5SOP-00014

Determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, Oxygen and Non-Methane Hydrocarbons (as Methane) in

BBY5SOP-00015	Oxygen Determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, and Non-Methane Hydrocarbons (as Methane) in Nitrous Oxide
BBY5SOP-00018	Determination of Carbon Dioxide, Carbon Monoxide, Methane, Oxygen, Nitrogen, and Non-Methane Hydrocarbons (as Methane) in Nitrogen
BBY5SOP-00019	Determination of Sulphur dioxide in Breathing Air and Medical Gases
BBY5SOP-00024	Determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, and Non-Methane Hydrocarbons (as Methane) in Carbon Dioxide

(Medical Gases Piping Systems)

PLEASE NOTE

The Medical Gas Piping System inspection portion of CANTEST's scope of accreditation has recently been transferred to SCC's Inspection Body program. A scope listing may be found at:

http://www.scc.ca/en/programs/inspec_bodies/accredited_clients.shtml

FORENSICS

Forensic Equine Drug Testing

Description of Activities:

(Drugs in Horse Urine and Blood)

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, using in-house validated methods incorporating the following techniques:

Techniques for Which the Laboratory is Accredited

- i) Sample preparation, extraction and general chemical tests;
- ii) Thin-layer chromatography;
- iii) Immunoassay;
- iv) High-performance liquid chromatography
- v) Gas chromatography
- vi) Mass spectrometry

Notes:

CAN-P-1578: Guidelines for the Accreditation of Forensic Testing Laboratories

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

CAN-P-1587: Requirements for the Accreditation of Agriculture and Food Products Testing Laboratories

CAN-P-4E (ISO/IEC 17025): General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

S. Cross, Director, Conformity Assessment

Date: 2012-01-24

Number of Scope Listings: 128

Number of Forensic Techniques: 6

SCC 1003-15/188

Partner File #0

Partner: SCC