

SCOPE OF ACCREDITATION

CANTEST LTD.
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 and Food Products (AFP), Environmental,
Forensic

ISSUED ON: 2008-12-16

VALID TO: 2014-06-08

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products: (Human and Animal Consumption)

(Feed)

52-C-099	Method for the Determination of Tetracyclines in Animal Feeds
52-C-110	Method for the Determination of Ionophores in Animal Feeds
52-C-112	Method for the Determination Decoquinatate in Feed
52-C-113	Method for the Determination Nicarbazine in Feeds
52-C-114	Method for the Determination Sulfonamides in Feeds
52-C-116	Method for the Determination Clopidol in Feeds
52-C-119	Method for the Determination Benzimidazoles and Levamisole in Feed

(Food Methods: Proximate Analysis)

52-C-117	Method for the Determination Histamine in Fish
68-C-002	Method for the Determination of Total Fat in Food by Soxhlet Fat Extraction Method
68-C-003	Method for the Determination of Ash in Food
68-C-004	Method for the Determination of Moisture in Food
68-C-005	Method for the Determination of Total Fat in Food by Mojonnier Fat Extraction Method
68-C-006	Method for the Determination of Protein in Food
68-C-031	Method for the Determination of Nitrites in Food
68-C-032	Method for the Determination of Water Activity in Food
68-C-041	Method for the Determination of 3-Monochloropropanediol in Food
68-C-052	Method for the Determination pH of Food
68-C-195	Method for the Determination of Total Dietary Fibre in Foods
68-C-199	Method for the Determination of Total Fat (expressed as Triglyceride), Saturated, Monounsaturated, Polyunsaturated, and Transfat in Food and Oil

68-C-206	Method for the Determination of Vitamin A in (Retinol and Retinyl esters) and Beta-Carotene in Food by HPLC
68-C-210	Method for the Determination of Cholesterol in Food
68-C-211	Method for the Determination of Salt in Food
68-C-213	Method for the Determination of Vitamin C (Ascorbic Acid) in Food
68-C-219	Method for the Determination Sulfites in Food
68-C-234	Method for the Determination of Total Sugar and Sugar Profile of Foods by Liquid Chromatography

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

52-C-051	Method for the Determination of Chloramphenicol in Honey
52-C-054	Determination of Tetracyclines in Tissue and Animal Derived Foods
52-C-059	Method for the Determination of Phenol in Honey
52-C-061	Method for the Determination of Penicillin G in Tissue and Animal Derived Foods
52-C-065	Determination of Chloramphenicol in Eggs and Egg Products
52-C-066	Method for the Determination of Tetracyclines in Honey
52-C-074	Determination of Phenylbutazone and Flunixin Residues in Dairy
52-C-075	Method for the Determination of Pesticides in Animal Derived Foods
52-C-085	Method for the Determination of Benzaldehyde in Honey
52-C-088	Method for the Determination of Pesticides in Processed Foods and Animal Derived Foods
52-C-089	Method for the Determination of Sulfonamide Residues in Animal Derived Foods
52-C-105	Method for the Determination of Halofuginone in Tissue and Animal Derived Foods
52-C-127	Qualitative Determination of Beta-Lactam Antibiotics in Eggs and

52-C-128	Egg Products by CHARM II Qualitative Determination of Tetracyclines, Macrolides, Streptomycins, and Sulfonamides in Egg Samples by CHARM II
65-P-001	Method for the Acid Digestion of Tissue and Vegetation Samples for Analysis of Heavy Metals
65-S-051	Analysis of Metals in Meat, Fruit and Vegetables, Processed Foods and Animal Derived Foods by ICPMS
(Other)	
52-C-005	Method for the Determination of Dithiocarbamates (EBDC) in Fruits and Vegetables, Processed Foods and Animal Derived Foods by CS2 evolution
52-C-006	Method for the Determination of Clopidol in Tissue and Animal Derived Foods
52-C-010	Method for the Determination of Chlorinated Phenols 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-019	Method for the Determination of Fluoroquinolones in Tissue and Animal Derived Foods
52-C-020	Method for the Determination of Synthetic Pyrethrins in Tissue, Animal Derived Foods, Fruits and Vegetables and Processed Foods
52-C-021	Determination of Carbamates in Tissue and Animal Derived Foods
52-C-023	Method for the Determination of Thiabendazole in Fruits and Vegetables, Processed Foods and Animal Derived Foods
52-C-024	Method for the Determination of Decoquinatate in Tissue and Animal Derived Foods
52-C-026	The Determination of Ethylenebisdithiocarbamate (EBDC) in

52-C-028	Fruits and Vegetables, Processed Foods and Animal Derived Foods The Determination of Daminozide (ALAR) in Fruits and Vegetables, Processed Foods and Animal Derived Foods
52-C-030	The Determination of Ethylenethiourea in Fruits and Vegetables, Processed Foods and Animal Derived Foods
52-C-032	Determination of Flunixin in Tissue and Animal Derived Foods
52-C-034	Method for the Determination of 1-Methyl-2-Hydroxymethyl-5-Nitroimidazole (Dimetridazole Metabolite) in Tissue and Animal Derived Foods
52-C-035	Method for the Determination of Ronidazole in Tissue and Animal Derived Foods
52-C-036	Method for the Determination of Nicarbazin in Tissue and Animal Derived Foods
52-C-038	Method for the Determination of Ionophores in Tissue and Animal Derived Foods
52-C-039A	Multiresidue Method for the determination of Pesticides in Fruits and Vegetables
52-C-040	Method for the Determination of Dexamethasone in Tissue and Animal Derived Foods
52-C-042	Method for the Determination of Gestagens in Tissue and Animal Derived Foods
52-C-043	Method for the Determination of Chloramphenicol in Tissue and Animal Derived Foods
52-C-056	Method for the Determination of Sulfonamides in Tissue
52-C-058	Method for the Determination of Amitraz and Metabolites in Fruits and Vegetables, Processed Foods and Animal Derived Foods
52-C-062	Method for the Determination of Dipyrone related Residues in Tissue and Animal Derived Foods
52-C-063	Method for the Determination of Beta Agonists in Tissue and Animal Derived Foods
52-C-064	The Determination of Benomyl in Fruits and Vegetables, Processed

52-C-067	Foods and Animal Derived Foods Method for the Determination of Ceftiofur-related Residues in Tissue and Animal Derived Foods
52-C-068	Method for the Determination of Benzimidazoles in Tissue and Animal Derived Foods
52-C-069	Method for the Determination of Endectocides in Tissue and Animal Derived Foods
52-C-070	Method for the Determination of Phenylbutazone in Tissue and Animal Derived Foods
52-C-071	Method for the Screening and Determination of the Protein bound metabolites of Nitrofurans in Tissue and Animal Derived Foods
52-C-072	Determination of Formetanate in Fruits and Vegetables, Processed Foods and Animal Derived Foods
52-C-073	Method for the Determination of Macrolides in Tissue and Animal Derived Foods
52-C-076	Method for the Determination of Amphenicols in Fish
52-C-077	Method for the Determination of Tranquilizers and Carazolol in Tissue and Animal Derived Foods
52-C-079	Method for the Determination of Aminoglycosides in Tissue and Animal Derived Foods
52-C-082	Method for the Qualitative Determination of Tilmicosin, Tylosin, Dihydrostreptomycin, and Chloramphenicol Residues in Tissues by CHARM II
52-C-083	Method for the Determination of Morantel and Pyrantel Drug Related Metabolites in Tissue and Animal Derived Foods
52-C-084	Method for the Determination of Zeranol and Stilbenes in Tissue and Animal Derived Foods
52-C-087	Method for the Screening and Determination of Trenbolone and 19-Nortestosterone in Urine
52-C-091	Method for the Qualitative Determination of Aminoglycosides, Macrolides, beta-Lactams, Tetracyclines in Tissues by CHARM II

52-C-106	Method for the Screening and Determination of Beta Agonists in Urine
52-C-107	Method for the Determination of Volatile Pesticides and PCB's in Tissue
52-C-108	Method for the Detection of Thyreostats in Tissues
52-C-111	Method for the Determination Oxolinic Acid, Flumequine and Nalidixic Acid in Fish
52-C-115	Method for the Determination Malachite Green and Leucomalachit Green in Aquacultured Products.
52-C-118	Method for the Determination of Emamectin, Ivermectin and Abamectin in Fish
52-C-121	Method for the Determination of Carbadox and Olaquinox-Related Metabolites in Tissue
52-C-123	Method for the Determination of Virginiamycin in Tissue and Animal Derived Foods
52-C-124	Method for the Determination of Amphenicols in Tissue and Animal Derived Foods
52-C-125	Method for the Determination of Bacitracin A in Tissue and Animal Derived Foods
52-C-126	Method for the Determination of Nitroimidazoles in Tissue and Animal Derived Foods
52-C-129	Method for the Determination of Aflatoxin in Dairy
52-C-130	Method for the Determination of Butyric Acid in Honey
52-C-132	Method for the Determination of Macrolides in Tissue and Animal Derived Foods
52-C-133	Method for the Determination of Beta-Lactams in Honey
52-C-135	Method for the Determination of Beta Estradiol in Urine
52-C-136	Method for the Determination of Zeranol and Stilbenes in Urine
52-C-142	Method for the Determination of Crystal Violet (Gentian Violet) In Aquacultured Products

63-C-007

Swab Test (STOP) Method for
Determining Antibiotic Residues in
Animal Tissues

65-A-002

Procedure for Analysis of Mercury in
Soil and Tissue Digests

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental

(Biological Issues)

52-C-140

Method for the Determination of Poly
Aromatic Hydrocarbons (PAHs) in
Tissue by GC/MS

52-C-141

Method for the Determination of
Perfluorocarbons in Tissue

(Water)

52-C-139

Method for the Determination of
Pharmaceuticals and Personal Care
Products in Water

91-C-001

Method for the Determination of
Methyl mercury in Water and Tissue
by LC-ICPMS

Other

CAN/CSA-Z180.1-00

Analysis of Compressed Breathing Air

CSA Z275.2-04

Compressed Diving Gases

(Compressed Breathing Air Systems)

67-A-009

Method for the Determination of
Nitrogen Dioxide (NO₂) in Diving
Gases

67-A-012

Method for the Determination of Oil
and Particulate Matter in Diving
Gases, Medical Gases and Breathing
Air

67-A-013

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

67-A-015

Method for the Determination of
Water Vapour in Diving Gases,

67-C-007	Medical Gases and Compressed Breathing Air Method for the Determination of Halogenated Hydrocarbons and Anaesthetic Gases in Medical, Diving and Compressed Breathing Air
67-C-010	Method for the Determination of Nitrous Oxide in Oxygen, Nitrogen, Carbon Dioxide and Diving Gases
67-C-018	Method for the Determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, Oxygen, and Non-Methane Hydrocarbons (as Methane) in Diving, Medical and Compressed Breathing Air
CAN/CSA-Z180.1-00	Analysis of Compressed Breathing Air
CSA Z275.2-04	Compressed Diving Gases

MEDICAL

(Medical Gases)

CAN/CSA Z7396.1-06	Allowable Levels of Contaminants in Medical Gases: Medical Air; Oxygen; Nitrous oxide; Carbon Dioxide; Nitrogen
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(Medical Gases Analysis)

67-A-019	Method for the Determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, Oxygen and Non-Methane Hydrocarbons (as Methane) in Oxygen
67-A-020	Method for the Determination of Nitrous Oxide Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, and Non-Methane Hydrocarbons (as Methane) in Nitrous Oxide
67-A-021	Method for the Determination of Carbon Dioxide, Carbon Monoxide, Methane, Nitrogen, and Non-Methane Hydrocarbons (as Methane) in Carbon Dioxide
67-A-022	Method for the Determination of Carbon Dioxide, Methane, Oxygen, and Non-Methane Hydrocarbons (as Methane) in Nitrogen

(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)

P. Paladino, P. Eng., Director, Conformity Assessment

Date: 2008-12-16

Number of Scope Listings: 124

Number of Forensic Techniques: 6

SCC 1003-15/188

Partner File #0

Partner: SCC