

SCOPE OF ACCREDITATION

CANADIAN FOOD INSPECTION AGENCY, SASKATOON LABORATORY
116 Veterinary Road
Saskatoon, SK
S7N 2R3

Accredited Laboratory No. 263

(Conforms with requirements of CAN-P-1587 , CAN-P-1595 , CAN-P-4E (ISO/IEC 17025:2005))

CONTACT: Dr. Maria Matus-Cadiz
TEL: (306) 975-6724
FAX: (306) 975-5711
EMAIL: maria.matus-cadiz@inspection.gc.ca

CLIENTS SERVED: Normally Reserved for Internal Clients

FIELDS OF TESTING: Biological, Chemical/Physical

PROGRAM SPECIALTY AREA: Agriculture Inputs, Food, Animal Health and Plant Protection (PSA-AFAP) , Test Method Development and Evaluation and Non-routine Testing

ISSUED ON: 2011-11-22

VALID TO: 2013-11-05

Testing conducted at 301-421 Downey Road, Saskatoon SK S7N 4L8:

Seeds

Seeds of Agricultural and Horticultural Species (Seed Borne Disease) etc.

TEST METHOD DEVELOPMENT & EVALUATION AND NON-ROUTINE TESTING

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products: (Human and Animal Consumption)

animal fat, dairy products, eggs, meat and edible meat offal

Other:

(animal blood, serum, plasma, urine, thyroid and retina)

Description of Activities:

For veterinary drug residues which include the following classes of compounds: anthelmintics, antibiotics, analgesics, antimicrobials, beta-agonists, coccidiostats, hormones and hormone-like substances, non-steroidal anti-inflammatories, tranquilizers and pesticides used for veterinary purposes, in those product classifications as listed above:

1. Development and validation of new testing methodology for the screening and determination of veterinary drug residues.
2. Modification, improvement and validation of published or existing test methodology for the screening and determination of veterinary drug residues
3. Development and validation of mass spectral techniques for the confirmation of the identity of veterinary drug residues.

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products: (Human and Animal Consumption)

Animal fat, dairy products, eggs, meat and edible meat offal

Other:

(Animal blood, serum, plasma, urine, thyroid and retina)

Description of Activities:

For those product classifications listed above, using documented in-house methods developed and validated for the analysis of veterinary drug residues (which include the following classes of compounds: anthelmintics, antibiotics, analgesics, antimicrobials, beta-agonists, coccidiostats, hormones and hormone-like substances, non-steroidal anti-inflammatories, tranquilizers and pesticides used for veterinary purposes):

1. Screening and determination of veterinary drug residues, including pesticides used for veterinary purposes, in animal tissue and biological fluids.
2. Confirmation of the identity of veterinary drug residues, including pesticides used for veterinary purposes, in animal tissue and biological fluids.

Techniques for which the laboratory is accredited for:

1. Gas Chromatography with Electron Capture and Mass Spectrometer (MS) detection
2. High Performance Liquid Chromatography with PhotoDiode Array, UV/Vis, Fluorescence, and Mass Spectrometer (MS, MS/MS) detection
3. Sample preparation, extraction, separation and general chemical and physical tests

For a current list of in-house methods, see the Saskatoon Laboratory, laboratory contact.

Meat and Edible Meat Offal

(Parasitological Examination)

CFAP-M-0013	The Double Separatory Funnel Digestion Procedure for the Detection of <u>Trichinella</u> Larvae in Pork
CFAP-M-0039	The Double Separatory Funnel Digestion Procedure for the Detection of <u>Trichinella</u> Larvae in Horse Meat

Other

(Feces, Biological Fluids, Tissues - Parasitological Examination)

CFAP-M-0010	Detection of <u>Tritrichomonas foetus</u> : by Microscopic Examination and Culture
CFAP-M-0011	Diagnosis of <u>Babesia caballi</u> and <u>Theileria equi</u> in Blood Smears of Horses
CFAP-M-0012	Immunohistochemical Method for the Diagnosis of <u>Taenia Saginata</u> Cysticercosis
CFAP-M-0036	Protocol for Indirect Fluorescent Antibody Test for the Detection of <u>Theileria equi</u> and <u>Babesia caballi</u> Antibodies in Horse Sera

Seeds

Seeds of Agricultural and Horticultural Species

(Seed Borne Disease)

Canadian Methods and
Procedures for Testing Seed,
(Chapter 5.0)

Determination of the presence of the pathogen Ustilago
species (True Loose Smut)

(Seed Mechanical Purity and Germination

(True Loose Smut Test))

Canadian Methods and
Procedures for Testing Seed
(Chapters 2.0, 3.0); ISTA Rules,
(Chapters 1, 3, 10, 11).
Percentage by Weight Test

Determination of percentage by weight of pure seed, weed
seeds, other crop seeds, inert matter, soil and disease
bodies. (includes procedures for testing coated seeds and
seed identification; includes species listed in Canadian
Methods and Procedures for Testing Seed [Section 4.6.2,
Table 5]).

Canadian Methods and
Procedures for Testing Seed
(Chapters 2.0, 3.0); ISTA Rules
(Chapters 1, 4, 10,11).
Determination of Other Species
by Number Test

Determination of Other Species (crop and weeds) by
Number in a unit weight. (includes procedures for testing
coated seeds and seed identification; includes species
listed in Canadian Methods and Procedures for Testing
Seed [Section 4.6.2, Table 5]).

Canadian Methods and
Procedures for Testing Seed
(Chapters 2.0, 4.0); ISTA Rules
(Chapters 1, 5, 11).
Germination Testing

Determination of Maximum Germination Potential of
Seed (includes species listed in Canadian Methods and
Procedures for Testing Seed [Section 4.6.2, Table 5]).

ISTA Rules (Chapters 1, 6)
Tetrazolium Testing

Determination of Seed Viability (includes species listed in
Canadian Methods and Procedures for Testing Seed
[Section 4.6.2, Table 5]).

ISTA Rules, (Chapters 1, 9.0,
9.1)
Moisture Content Determination

Determination of Seed Moisture Content using the
Constant Temperature Oven Method Without
Grinding (includes species listed in the ISTA Rules [Table
9A Part 1]).

(Trait Purity Testing)

SSTS-M-1083
SSTS-M-1084
SSTS-M-1085

Glyphosate (Round up ®) Bioassay- Canola/Rapeseed
Glufosinate (Liberty ®) Bioassay - Canola/Rapeseed
Glyphosate (Round up ®) Bioassay - Soybean

Notes:

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

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

CAN-P-1595: Guidelines for the Accreditation of Laboratories engaged in Test Method Development &
Evaluation and Non-Routine

CFAP: Centre for Food-Borne & Animal Parasitology;

CVDR: Centre for Veterinary Drug Residues

SSTS: Seed Science & Technology Section

S. Cross, Director, Conformity Assessment

Date: 2011-11-22

Number of Scope Listings: 22

SCC 1003-15/318

Partner File #0

Partner: None