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PART 1 - GENERAL INFORMATION

1. Introduction

The Request for Standing Offers (RFSO) is divided into seven parts plus attachments and annexes, as follows:

Part 1 General Information: provides a general description of the requirement;

Part 2 Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;

Part 3 Offer Preparation Instructions: provides offerors with instructions on how to prepare their offer to address the evaluation criteria specified;

Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection;

Part 5 Certifications: includes the certifications to be provided;

Part 6 Financial and Insurance Requirements: includes specific requirements that must be addressed by offerors; and

Part 7 7A - Standing Offer: includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions; and

7B - Resulting Contract Clauses: includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the Statement of Requirement and the Basis of Payment.

2. Summary

(i) To establish multiple National Individual Standing Offers (NISOs) for the provision of laboratory services for testing for chemical residue contaminants of foods, food crops and tissues of food animals for the Canadian Food Inspection Agency (CFIA). Testing is required for 6 food groups: Dairy, Eggs, Honey, Meat, Fresh Fruit & Vegetables, and Processed Products. Testing must be in accordance with analytical methods and standard operating procedures accredited by the Standards Council of Canada in the Program Specialty Area for Agriculture and Food Products, or under the Canadian Association for Laboratory Accreditation. Services are required on an “as and when requested” basis through call-ups issued by the CFIA against authorized NISOs.

(ii) The period of the standing offer will be April 1, 2015 to March 31, 2018; Canada may authorize the use of the Standing Offer beyond its initial period, for two (2) additional twenty-four (24) month periods.

(iii) The requirement is subject to the Agreement on Internal Trade (AIT) and is limited to Canadian goods and services.

This procurement consists of *Commercial Testing Laboratory* services which are excluded from the application of NAFTA as per Annex 1001.1b-2, Class H3, Inspection Services, (incl. commercial testing and Laboratory Services except Medical/Dental), subclass H300C, Commercial Testing Laboratory Services, and is exempted under Article XXIII for measures “to protect human, animal or plant life or health” under the World Trade Organization – Agreement on Government Procurement (WTO-AGP).

The Comprehensive Land Claims Agreements (CLCAs) are not applicable to this procurement, as Work will not be delivered to, nor conducted within CLCA areas.

The Procurement Strategy for Aboriginal business is not applicable, as the services will not be delivered to or for an Aboriginal population.

(iv) Offerors must submit a list of names, or other related information as needed, pursuant to section 01 of Standard Instructions 2006.

3. Debriefings

Offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

PART 2 - OFFEROR INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The 2006 (2014-09-25) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

Subsection 5.4 of 2006, Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days
Insert: one hundred and twenty (120) days

2. Submission of Offers

Offers must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the Request for Standing Offers.

Due to the nature of the Request for Standing Offers, transmission of offers by facsimile or electronic mail to PWGSC will not be accepted.

3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than ten (10) calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by offerors to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that offerors do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered with copies to all offerors. Enquiries not submitted in a form that can be distributed to all offerors may not be answered by Canada.

4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in the Province of Ontario.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the offerors.

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. Offer Preparation Instructions

Canada requests that offerors provide their offer in separately bound sections as follows:

Section I: Technical Offer: 4 hard copies, and 1 soft copy on CD/DVD or USB drive. Please ensure the soft copy contains all Standard Operating Procedures and it is in a searchable format.
Section II: Financial Offer: 2 hard copies, and 1 soft copy on CD/DVD or USB drive.
Section III: Certifications: 1 copy.

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

Prices must appear in the financial offer only. No prices must be indicated in any other section of the offer.

Canada requests that offerors follow the format instructions described below in the preparation of their offer.

(a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
(b) use a numbering system that corresponds to that of the Request for Standing Offers.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html). To assist Canada in reaching its objectives, offerors should:

1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and

2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Offer

In their technical offer, offerors should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Background Technical Offer

The Canadian Food Inspection Agency (CFIA) has provided either references or other analytical criteria in its Chemical Residues of Interest, listed in Appendix 1 to Annex A of the Resulting Standing Offer, to guide the Offerors in the preparation of an acceptable specific analytical method and Standard Operating Procedure (SOP) for each Chemical Residue of Interest to CFIA. These CFIA references incorporate specific steps to bring about an efficient extraction of the analyte prior to the application of an instrumental determination and quantitation technique. The CFIA recognises that the commercial laboratories may not be equipped exactly as CFIA laboratories and thus it is not the requirement of the CFIA that the Offeror's SOP follow exactly the details provided in the reference. In order to permit the potential Offerors to develop their own tailored SOPs, while still respecting the technical needs of the CFIA, the following guidance is provided.

For each accredited test of interest to an Offeror, the Offeror is to demonstrate that it meets all of the requirements stated for that test in the "Chemical Residues of Interest to CFIA".

Instrumental Determination and Quantitation Techniques

Some of the analytical references provided by the CFIA are no longer actively updated, it is anticipated that instrumental determination and quantitation techniques in the Offeror's SOP may not be identical to those in the references supplied. The CFIA will accept modifications to the instrumental determination and quantitation techniques of the analytical method provided that they are based upon sound scientific principles. If the instrumental determination and quantitation technique has been accepted by the Standards Council of Canada (SCC), as demonstrated by the accreditation of the Offeror's SOP, then the scientific principles therein will be acceptable to the CFIA.

Sample Extraction Technique

The sample extraction technique provided in the references, noted in Annex "A" of the Statement of Requirement has been developed by CFIA and other scientists to assure that the extraction of the marker residue is efficient in order that the subsequent quantitation techniques provide accurate indication of contamination levels. Unlike the flexibility offered to the Offeror's laboratory to modify the instrumental determination and quantitation techniques, the extraction procedures contains critical steps, which must be maintained in order to efficiently isolate the target analyte from background interference. These are identified in Table 1 of Part 4 of the Request for Standing Offer.

Detection Limits

In the National Chemical Residue Monitoring Program (NCRMP), sensitive analytical methodology is required to afford a meaningful estimation of consumer exposure. For the CFIA residue program this means that methods with lower ppm detection limits (DL) are of greater value than methods of lesser sensitivity/higher parts per million (ppm). More sensitive methods are more readily incorporated into the NCRMP than similar but less sensitive ones. Thus, Offerors providing analytical SOPs with lower detection limits will be qualified for greater portions of the specific testing program than those that offer less sensitive, yet accepted, alternatives. The sensitivity of the analytical method impacts on the RFSO as follows:

1. Sensitivity (detection limit in ppm) affects, whether or not, an analytical method in an SOP proposed by an Offeror qualifies with respect to the CFIA technical requirements for that method and the points awarded towards the minimum test requirements of a particular food group. Those analytical methods proposed by a particular Offeror for a particular test must meet all of the mandatory requirements including the minimum required sensitivity level (detection limit in ppm) in order to be counted towards the minimum score required for that Food Group.

Multiple Methods

More than one method may be offered for one listed test.

For example, an Offeror may choose to offer one method for Meat and another method for Honey. In such a case the Offeror should ensure that it is clear what food group the method has been submitted for. In any case, only one method will receive credit for each test in each food group.

There are opportunities to use the same method to be offered in multiple test requests.

For example, if the Offeror submits an analytical method for the Coccidiostats test, and the requirements indicated for the Toltrazuril test are also met with the same analytical

method, this method can also be submitted for the Toltrazuril test and will receive the points credited for both requirements.

Section II: Financial Offer

ALL INFORMATION RELATED IN ANY WAY TO PRICE IS TO APPEAR ONLY IN THE FINANCIAL OFFER.

Offerors must submit their financial offer in accordance with the following:

(a) A firm all-inclusive price per test for the initial standing offer period and for each optional extension period. The total amount of Applicable Taxes are to be shown separately, if applicable.

(b) The information should be provided in the format contained in Annex B, Basis of Payment.

(c) For Canadian-based offerors, prices must be in Canadian funds, Applicable Taxes excluded, and Canadian customs duties and excise taxes included.

Section III: Certifications

Offerors must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

(a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.

(b) For Part A - Each of the six (6) Food Groups will be evaluated individually;
For Part B – Each test will be evaluated individually.

(c) An evaluation team composed of representatives of Canada will evaluate the offers.

(d) Except where expressly provided otherwise, the experience of the Offeror described in the offer must be the experience of the Offeror itself (which includes the experience of any companies that formed the Offeror by way of a merger but does not include any experience acquired through a purchase of assets or an assignment of contract). The experience of the Offeror's affiliates (i.e. Parent, subsidiary or sister corporations), subcontractors, or suppliers will not be considered.

(e) Supporting Information: The Contracting Authority may request any documentation from the Offeror to validate, demonstrate or support the Offeror's compliance with any of the evaluation criteria listed below prior to Contract Award. Failure to comply with the request of the Contracting Authority will render the Offer non-responsive.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

At Offer closing time, the Offeror must comply with the following Mandatory Requirements and provide the necessary documentation to support compliance.

Any offer which fails to meet any of the following Mandatory Requirements will be declared non-responsive. Each requirement should be addressed separately.

M1 The Offeror must provide a copy of the Certificate of Accreditation to demonstrate that it has a laboratory located in Canada which offers analytic tests accredited by the Standards Council of Canada (SCC) in its Program Speciality Area for Agriculture & Food Products or the Canadian Association for Laboratory Accreditation Incorporated (CALA).

M2 The Offeror must offer analytical tests (methods) accredited by the Standards Council of Canada in its Program Speciality Area for Agriculture & Food Products or the Canadian Association for Laboratory Accreditation Incorporated (CALA). Any analytical test that does not meet this criterion will not be incuded in any resulting Standing Offer.

To demonstrate accreditation by an accrediting body:

(M2.1) For each test offered, the Offeror must summarize the accreditation that either has been posted on the website of the accrediting body or has been approved by the accrediting body prior to posting. In the summary, the Offeror must identify the Standard Operating Procedure (SOP) by title and must provide a controlled copy (standard term used when lab is accredited) of that SOP**.**

(M2.2) In the event that the accrediting body has not yet posted the test accreditation on its website, the Offeror must provide a signed letter from the accrediting body to that effect.

M3 The Offer must demonstrate that the analytical tests accredited by the SCC or CALA meet the mandatory test elements identified in Table 1 below. To demonstrate compliance, the controlled copy of the SOP provided for that particular test must clearly indicate that the mandatory test elements are included. Any analytical test that does not meet this criterion will not be incuded in any resulting Standing Offer.

M4 For each SOP the Offer must demonstrate and clearly indicate the detection limit (DL or LOD) and the Limit of Quantitation (LOQ) in each validated matrix. Any analytical test (or SOP) that does not meet this criterion will not be incuded in any resulting Standing Offer.

M5 The Offer must include an SOP detailing the receipt handling of incoming samples. The SOP should include, inter alia, appropriate protocols for handling of the sample upon receipt in the Offeror's facility, the type of documentation, and protocols for dealing with samples that are missing or compromised.

TABLE 1

Chemical Residues of Interest to CFIA which require Mandatory Test Elements	**Criteria for Standard Operating Procedures (SOPs) with Mandatory Test Elements**
PART A	
ALAR	The SOP must include an alkaline hydrolysis step to convert daminozide and its metabolites to unsymmetrical dimethylhydrazine (UDMH). **Any SOP not providing this step will be rejected.**
AMITRAZ	The SOP must include an acid hydrolysis step to convert amitraz and its metabolites to 2,4-dimethylyaniline for quantitation as amitraz. **Any SOP not providing this step will be rejected**
BACITRACIN	The SOP must include the use of an acid and dithizone solution to prevent the chemical degradation of the bacitracin. **Any SOP not providing this step will be rejected**
B-AGONISTS	The SOP must include a tissue digestion step using an enzymatic digestion using the protease specified in the reference method. **Any SOP not providing this step will be rejected** **If method is based upon CVDR-M-3021. The digestion step is not required if the method is based upon CVDR-M-3033.**
CARBADOX	The SOP must include a step for digested with formic acid to deactivate natural enzymes and another for overnight enzymatic hydrolysis. **Any SOP not providing for both these steps will be rejected.**
CEFTIOFUR	The SOP must include a step for incubation in a solution of dithioerythritol (DTE) in order to cleave ceftiofur and its metabolites to a common moiety and derivatized to DCA. **Any SOP not providing for both these steps will be rejected.**
DIPYRONE	The SOP must include the use of a sodium sulfite extraction buffer and a step where the final drying step is taken to just dryness.

	Any SOP not providing both these criteria will be rejected.
EBDC/DC(CS2)	The SOP must use an HCl digestion to liberate CS2, followed by quantitation of the CS2 to determine zineb equivalence. **Any SOP not providing this step will be rejected**.
EBDC(EDA)	The SOP must include a hydrolysis step to liberate ethylene diamine (EDA) prior to quantitation of the EDA. **Any SOP not providing this step will be rejected.**
EBDC(ETU)	The SOP must provide for a step indicating the addition of sodium sulfite during the extraction to prevent loss of the ETU residue due to oxidation. **Any SOP not providing this step will be rejected.**
FLORFENICOL AMINE	This SOP must provide for a step that converts all the residues of florfenicol and its metabolites to florfenicol amine. **Any SOP not providing this step will be rejected**.
FREE RACTOPAMINE	The SOP must include a step that does not allow the sample to evaporate to dryness. **Any SOP not providing this step will be rejected.**
HALOFUGINONE	The SOP, for the Meat (Liver & Muscle) food group, must provide for a trypsin digested of the tissue prior to extraction and quantitation. **Any SOP not providing this step for the Meat (Liver & Muscle) food group will be rejected.**
IONOPHORES/ NICARBAZIN	The SOP must calculate and report the nicarbazin amount as N,N'-Bis(4-nitrophenyl)urea. **Any SOP not providing this step will be rejected**
MELAMINE	The SOP must include the cation exchange step to remove interferences prior to the instrumental step. **Any SOP not providing this step will be rejected.**
METALS	The SOP must demonstrate detection limits in matrix for the following analytes to be considered having met the requirement: As, Be, Cd, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Zn **Any SOP not providing this step will be rejected**
MORANTEL/ PYRANTEL	The SOP must include a hydrolysis step to convert morantel, pyrantel and all the metabolites of both to N-methyl-1,3 propane diamine. **Any SOP not providing this step will be rejected**
MULTI-CLASS ANTIBIOTICS	The SOP, for the Honey food group, must demonstrate the work is completed under special lighting to reduce degradation **Any SOP not providing this step will be rejected for the Honey food group.**
NITROFURANS	The SOP must include a step for acid hydrolysis and overnight incubation with 2-nitrobenzaldehyde in order to free the protein bound drug metabolites for derivatization, with the exception for the analysis in honey. **Any SOP not providing this step will be rejected.**
NITROIMIDAZOLES	The SOP must include steps to demonstrate the solutions and extracts are protected from light, due to the light sensitive nature of the nitroimidazoles.

	Any SOP not providing these steps will be rejected.
NSAID/HORMONE/ STEROID	The SOP must provide for a protease digestion with overnight incubation to free any bound analytes and must not use PVDF filters. **Any SOP not providing this step will be rejected**.
PHENICOLS	This SOP, for Meat (Liver & Muscle) must provide for a confirmation of florfenicol positives as florefenicol amine in the Meat group. **Any SOP not providing this step, for Meat (Liver & Muscle) will be rejected for the Meat (Liver & Muscle) group.**
PHENYLBUTAZONE	The SOP must use DL-dithiothreitol as stabilizer in the extraction solvent. **Any SOP not providing this step will be rejected.**
SULFONAMIDES	The SOP for the Honey food group must include a step for extraction with dilute acid and standing overnight in order to free sulfa drugs from sugar complexes. **Any SOP, for the Honey food group, not providing for this step will be rejected for the Honey food group.**
THYREOSTATS	The SOP must use DL-dithiothreitol, sodium bicarbonate and sodium sulfate during the extraction step in order to achieve efficient recovery of incurred residue. **Any SOP not incorporating this step will be rejected.**
TIAMULIN	The SOP must include a step to convert all residues of tiamulin to the marker residue 8-hydroxymutilin. **Any SOP not providing this step will be rejected.**
TOLTRAZURIL	The SOP must demonstrate it has been validated in porcine, ovine and bovine and determine the marker residue of Toltrazuril sulfone. **Any SOP not providing this step will be rejected.**
TRENBOLONE ACETATE	The SOP must include steps for digestion with ß(beta)-glucuronidase and overnight incubation. **Any SOP not providing this step will be rejected.**
ZERANOL/ STILBENES	The SOP must provide for digestion with ß(beta)-glucuronidase to free conjugates followed by extraction with acetonitrile. **Any SOP not providing this step will be rejected.**
PART B	
ARSENIC SPEC	The SOP must provide for a protease digestion for all samples other than juices. The SOP must include a control sample or certified reference material for each batch analysed. The resolution of Standard 2 peaks of AsC and AsB as per the reference method (0.1 ng/mL AsC; 0.05 ng/mL AsB) must have a resolution of 0.9 or greater. **Any SOP not providing this step will be rejected.**
BPA	The SOP must include a step that conditions any glassware used in sample preparation to eliminate any environmental BPA that may be present. **Any SOP not providing such a step, unless there is no glassware used, will be rejected.**
DEOXYNIVALENOL	This SOP must include a clean-up step using an immunoaffinty column. **Any SOP not providing this step will be rejected**

FOOD COLOURS (WATER)	The SOP must include an enzymatic digestion with alpha amylase for all samples containing one of the ingredients mentioned in the reference SOP (8.1) or if the information is not available. **Any SOP not providing this step will be rejected**
DIQUAT/PARAQUAT	The SOP must contain a thermal treatment of at least 15 minutes at 80 °C in a water bath. **Any SOP not providing this step will be rejected**
GLYPHOSATE	The SOP must include a derivatization step using FMOC-Cl and use isotopic labeled internal standards **Any SOP not providing this step will be rejected**
OCHRATOXIN	This SOP must include a clean up step using an immunoaffinty column. **Any SOP not providing this step will be rejected.**
SULPHITES	The SOP must adhere to the principles of AOAC 990.28. **Any SOP not conforming to this will be rejected.**

1.1.2 Point Rated Technical Evaluation Criteria

Refer to Annex "A", "Statement of Requirement", under "Resulting Contract", Part 7, for complete definitions and terminologies for each of the Chemical Residue Testing of Selected Food Products.

The SOP must clearly indicate the Detection Limit (DL) and Limitation of Quantitation (LOQ) is met in the individual food group to count towards the minimum requirement for the group (refer to the Statement of Requirement, Annex "A" of Part 7).

1.1.2.1 Part A

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
ALAR	Fresh F&V Honey	Daminozide	Unable to assess	0	5	3
			DL > 0.01 µg/g			
			DL ≤ 0.01 µg/g LOQ of 0.02 µg/g to 0.04 µg/g	3		
			DL of ≤ 0.01 µg/g LOQ ≤ 0.02 µg/g	5		
AMITRAZ	Fresh F&V Honey	Amitraz	Unable to assess	0	5	3
			DL > 0.01 µg/g			
			DL > 0.01 to 0.04 µg/g LOQ ≤ 0.1 µg/g	3		
			DL ≤0.01 µg/g LOQ ≤0.03 µg/g	5		
BACITRACIN	Dairy Egg Meat (liver, muscle)	Bacitracin A	Unable to assess	0	5	3
			DL >0.05 µg/g			
			DL >0.02 to 0.05 µg/g LOQ ≤0.1 µg/g	3		
			DL ≤ 0.02 µg/g LOQ ≤0.05 µg/g	5		
B-AGONISTS	Dairy Egg Meat (liver and muscle)	Mandatory: Brombuterol Cimaterol Clenbuterol Clenpenterol Hydroxyclenbuterol Isoxsuprine Mabuterol	Unable to assess	0	5	1
			DL > 0.0005 µg/g and LOQ ≤ 0.002 µg/g for fewer than 7 of the 11 mandatory analytes (brombuterol, cimaterol, clenbuterol, clenpenterol, hydroxyclenbuterol, isoxsuprine, mabuterol, ritodrine, salbutamol, terbutaline and tulobuterol),			
			DL >0.0001 µg/g and LOQ >0.0005 µg/g for ractopamine or zilpaterol			

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Ritodrine Salbutamol Terbutaline Tulobuterol Ractopamine Zilpaterol **OPTIONAL:** Clenproperol Fenoterol Formoterol Mapenterol Metaproterenol	DL ≤ 0.0001 µg/g and LOQ ≤ 0.0005 µg/g for ractopamine and zilpaterol DL ≤ 0.0005 µg/g and LOQ ≤ 0.001 µg/g for clenbuterol and 7 to 10 of the remaining mandatory analytes (brombuterol, cimaterol, clenpenterol, hydroxyclenbuterol, isoxsuprine, mabuterol, ritodrine, salbutamol, terbutaline and tulobuterol).	1		
			DL ≤ 0.0001 µg/g and LOQ of ≤0.0005 µg/g for ractopamine and zilpaterol AND DL ≤ 0.0005 µg/g and LOQ ≤ 0.001 µg/g for the all the other 11 mandatory analytes (brombuterol, cimaterol, clenbuterol, clenpenterol, hydroxyclenbuterol, isoxsuprine, mabuterol, ritodrine, salbutamol, terbutaline and tulobuterol),	3		
			The above criteria for three points PLUS DL ≤ 0.001 µg/g LOQ ≤ 0.003 µg/g for 1-3 of the optional analytes(Clenproperol, Fenoterol, Formoterol, mapenterol, metaproterenol)	4		
			The above criteria for three points PLUS DL ≤ 0.001 µg/g and LOQ ≤ 0.003 µg/g for 4-5 of the optional analytes(Clenproperol, Fenoterol, Formoterol, mapenterol, metaproterenol)	5		
FREE RACTOPAMINE	Meat (liver and muscle)	Free Ractopamine	At the Proponent's discretion, this can be offered as part of the B-Agonist method, if it determines free ractopamine		5	3
			Unable to assess	0		
			DL >0.01 µg/g			
			DL ≤ 0.01 µg/g for ractopamine (free form)	3		
			DL ≤ 0.002 µg/g and LOQ ≤ 0.005 µg/g for ractopamine (free form)	5		
FREE ZILPATEROL	Meat (liver and muscle)	Free zilpaterol	At the Proponent's can be offered as part of the B-Agonist method, if it determines free zilpaterol discretion, this		5	1
			Unable to assess	0		
			LOQ >0.002 µg/g for zilpaterol (free form)			
			LOQ > 0.001 µg/g to ≤ 0.002 µg/g for zilpaterol (free form)	1		
			LOQ ≤ 0.001 µg/g for zilpaterol (free form).	5		
BENZIMIDAZ	Dairy	Thiabendazole	Unable to assess	0	5	1

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
OLES	Egg Meat (liver, muscle)	5-hydroxy-thiabendazole 2-aminosulphone Albendazole sulfoxide Albendazole sulphone Oxfendazole Mebendazole Cambendazole Fenbendazole Carbendazim	DL and LOQ > 0.005 µg/g for any of the 9 analytes (thiabendazole, 5-hydroxythiabendazole, 2-aminosulphone, albendazole sulfoxide, albendazole sulphone, oxfendazole, mebendazole, cambendazole, fenbendazole, carbendazim)			
			DL and LOQ > 0.002 µg/g to ≤ 0.005 µg/g for all of the 9 analytes (thiabendazole, 5-hydroxythiabendazole, 2-aminosulphone albendazole sulfoxide, albendazole sulphone, oxfendazole, mebendazole, cambendazole, fenbendazole, carbendazim).	1		
			DL and LOQ ≤ 0.002 µg/g for all of the 9 analytes (thiabendazole, 5-hydroxythiabendazole, 2-aminosulphone albendazole sulfoxide, albendazole sulphone, oxfendazole, mebendazole, cambendazole, fenbendazole, carbendazim).	3		
		OPTIONAL: Fenbendazole sulfone (Meat) Fenbendazole sulfoxide (Dairy) Levamisole Albendazole Flubendazole Oxibendazole	**Egg only**: The criteria above for three (3) points plus 2-3 of the following optional compounds with DL ≤ 0.002 µg/g; (albendazole, flubendazole, oxibendazole and Levamisole)	4		
			Meat only: The criteria above for three (3) points plus 2-4 of the following optional compounds with DL ≤ 0.002 µg/g; (albendazole, flubendazole, oxibendazole, levamisole, fenbendazole sulfone)			
			Dairy only: The criteria above for three (3) points plus 2-4 of the following optional compounds; (albendazole, flubendazole, oxibendazole, levamisole and fenbendazole sulfoxide)			
			Egg only: The criteria above for three (3) points plus all four (4) of the following optional compounds with DL ≤ 0.002 µg/g; (albendazole, flubendazole, oxibendazole and Levamisole)	5		
			Meat only: The criteria above for three points plus all five (5) of the following optional compounds with DL ≤ 0.002 µg/g; (albendazole, flubendazole, oxibendazole, levamisole and fenbendazole sulfone)			
			Dairy only: The criteria above for three points plus all five (5)of the following optional compounds; (albendazole, flubendazole, oxibendazole, levamisole and fenbendazole sulfoxide)			
CARBADOX	Meat (liver & muscle)	DCBX	Unable to assess	0	5	3
			DL > 0.00005µg/g for DCBX			
			DL and LOQ ≤ 0.00005 µg/g for DCBX.	3		
		QCA MQCA	DL and LOQ ≤ 0.00005 µg/g for DCBX AND DL and LOQ ≤ 0.0005 µg/g for QCA and MQCA.	5		
CARBAMATES	Dairy Egg Meat (liver &	3-OH Carbofuran Aldicarb Aldicarb Sulfone	Unable to assess	0	5	3
			DL ≤ 0.005 µg/g for fewer than 13 of the 16 analytes listed			

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
	muscle)	Aldicarb sulfoxide Bendiocarb Bufencarb Carbaryl Carbofuran Dioxacarb Isoprocarb Methiocarb Methiocarb Sulfoxide Methomyl Oxamyl Promecarb Propoxur	DL ≤ 0.005 µg/g LOQ ≤ 0.01 µg/g for 13-15 of the 16 analytes listed.	3		
			DL ≤0.005 µg/ LOQ ≤ 0.01 µg/g for all of the 16 analytes listed.	5		
CEFTIOFUR	Dairy Egg Meat (muscle & kidney for all species except poultry; muscle only for poultry)	Desfuroylceftiofuracetamide (DCA).	Unable to assess	0	5	5
			DL > 0.05 µg/g			
			DL ≤ 0.05 µg/g LOQ ≤ 0.075 µg/g	5		
CHLORINATED PHENOLS	Dairy Egg Meat (liver & muscle)	2,3,4,5 Tetrachlorophenol 2,3,4,6 Tetrachlorophenol 2,3,5,6 Tetrachlorophenol Pentachlorophenol	Unable to assess	0	5	5
			DL > 0.01 µg/g for any of the four (4) analytes listed			
			DL ≤ 0.01 µg/g LOQ ≤ 0.03µg/g for each of the four (4) analytes listed	5		
CLOPIDOL	Egg Meat (liver & muscle)	Clopidol	Unable to assess	0	5	5
			LOQ >0.025 µg/g			
			DL and LOQ ≤ 0.025 µg/g	5		
COCCIDIOSTATS	Egg Meat (liver and muscle)	Lasalocid Monensin Maduramicin Narasin Salinomycin Semduramicin Decoquinate Diclazuril Halofuginone Nicarbazin	Unable to assess	0	5	1
			LOQ ≤ 0.01 µg/g for fewer than nine (9) of the eleven (11) analytes (Lasalocid, monensin, maduramicin, narasin, salinomycin, semduramicin,decoquinate, diclazuril, halofuginone, nicarbazin, robenidine)			
			LOQ ≤ 0.01 µg/g for 9-10 of the eleven (11) analytes (Lasalocid, monensin, maduramicin, narasin, salinomycin, semduramicin,decoquinate, diclazuril, halofuginone, nicarbazin, robenidine)	1		
			LOQ ≤ 0.01µg/g or less for all eleven (11) analytes (Lasalocid, monensin, maduramicin, narasin, salinomycin, semduramicin,decoquinate, diclazuril, halofuginone, nicarbazin, robenidine)	2		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Robenidine Optional: Amprolium, Clopidol Dinitolmide Buquinolate Toltrazuril sulfone	Meets the criteria above for one point PLUS 1-3 of the optional analytes with LOQ ≤ 0.01 µg/g (Amprolium, cloipdol, dinitolmide, buquinolate, toltrazuril sulfone)	3		
			Meets the criteria above for two points PLUS 1-3 of the optional analytes with LOQ ≤ 0.01 µg/g (Amprolium, cloipdol, dinitolmide, buquinolate, toltrazuril sulfone)	4		
			Meets the criteria above for two points PLUS All five (5) of the optional analytes with LOQ ≤ 0.01 µg/g (Amprolium, cloipdol, dinitolmide, buquinolate, toltrazuril sulfone)	5		
DECOQUINATE	Dairy Egg Meat (liver & muscle)	Decoquinate	Unable to assess	0	5	3
			DL > 0.02 µg/g			
			DL ≤ 0.02 µg/g LOQ 0.05 to 0.1 µg/g	3		
			DL ≤ 0.02 µg/g LOQ ≤ 0.05 µg/g	5		
DIPYRONE	Dairy Meat (liver & muscle)	4-Aminoantipyrine 4-Dimethylaminoantipyrine 4-Formylaminoantipyrine 4-Methylaminoantipyrine	Unable to assess	0	5	5
			DL > 0.02 µg/g for any of the four (4) analytes listed			
			DL ≤ 0.02 µg/g LOQ ≤ 0.05 µg/g for all four (4) analytes listed.	5		
EBDC/DC(CS_2)	Fresh F&V Honey	CS_2, expressed as zineb equivalents	Unable to assess	0	5	3
			DL > 0.03 µg/g for zineb equivalent residues			
			DL ≤ 0.03 µg/g LOQ 0.05 to 0.1 µg/g	3		
			DL ≤ 0.03 µg/g LOQ ≤ 0.05 µg/g	5		
EBDC(EDA)	Fresh F&V Honey	Ethylene Diamine	Unable to assess	0	5	5
			DL > 0.04 µg/g			
			DL ≤ 0.04 µg/g LOQ ≤ 0.08 µg/g	5		
EDBC(ETU)	Fresh F&V Processed foods Honey	Ethylene thiourea	Unable to assess	0	5	5
			DL > 0.02 µg/g			
			DL ≤ 0.02 µg/g LOQ ≤ 0.05 µg/g	5		
ENDECTOCIDES	Dairy Egg Meat (liver & muscle)	abamectin doramectin ivermectin eprinomectin moxidectin.	Unable to assess	0	5	3
			DL > 0.001 µg/g for any of the 5 analytes, (abamectin, doramectin, ivermectin, eprinomectin and moxidectin)			
			DL ≤ 0.001 µg/g for each of the 5 analytes (abamectin, doramectin, ivermectin, eprinomectin and moxidectin)	3		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Optional: Emamectin 22,23-dihydro-avermectin B1a (meat)	**Meat Only** DL ≤ 0.001 µg/g LOQ ≤ 0.002 µg/g for each of the 5 analytes and DL ≤ 0.001 µg/g LOQ ≤ 0.005 µg/g for emamectin.	4		
			Dairy and Egg Only: DL ≤ 0.001 µg/g LOQ ≤ 0.002 µg/g for each of the 5 analytes (abamectin, doramectin, ivermectin, eprinomectin and moxidectin) and DL ≤ 0.001 µg/g LOQ ≤ 0.005 µg/g for emamectin	5		
			Meat Only DL ≤ 0.001 µg/g LOQ ≤ 0.002 µg/g for each of the 5 analytes and DL ≤ 0.001 µg/g LOQ ≤ 0.005 µg/g for.both emamectin and 22,23-dihydro-avermectin B1a	5		
FLUOROQUINOLONES	Dairy Egg Honey Meat (liver & muscle)	enrofloxacin ciprofloxacin sarafloxacin danofloxacin ofloxacin norfloxacin difloxacin marbofloxacin orbifloxacin sparfloxacin flumequine oxolonic acid nalidixic acid pipemidic acid Optional: enoxacin	Unable to assess	0	5	1
			DL > 0.002 µg/g for any of the fourteen (14) analytes (enrofloxacin, ciprofloxacin, sarafloxacin, danofloxacin, ofloxacin, norfloxacin, difloxacin, marbofloxacin, orbifloxacin, sparfloxacin, flumequine, oxolonic acid, nalidixic acid, pipemidic acid)			
			DL ≤ 0.002 µg/g for each of the fourteen (14) analytes (enrofloxacin, ciprofloxacin, sarafloxacin, danofloxacin, ofloxacin, norfloxacin, difloxacin, marbofloxacin, orbifloxacin, sparfloxacin, flumequine, oxolonic acid, nalidixic acid, pipemidic acid).	1		
			DL ≤ 0.002 µg/g LOQ ≤ 0.01 µg/g for each of the fourteen (14) analytes	3		
			Meat Only Meets the criteria above for three (3) points PLUS DL and LOQ ≤ 0.01 µg/g for enoxacin	4		
			Dairy, Egg, Honey only Meets the criteria above for three (3) points PLUS DL and LOQ ≤ 0.01 µg/g for enoxacin	5		
			Meat only Meets the criteria above for three (3) points PLUS	5		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
	Meat (liver & muscle)	Desethylene ciprofloxacin	DL and LOQ ≤ 0.01 µg/g for enoxacin AND Desethylene ciprofloxacin			
FUMAGILLIN	Honey	Fumagillin	Unable to assess	0	5	1
			DL > 0.05 µg/g			
			DL 0.015 to 0.050 µg/g.	1		
			DL 0.005 µg/g to 0.015 µg/g.	3		
			DL ≤ 0.005 µg/g LOQ ≤ 0.01 µg/g	5		
GESTAGENS	Dairy Meat (fat)	melengestrol acetate megestrol acetate chlormadinone acetate	Unable to assess	0	5	5
			DL > 0.005 µg/g for any of the 3 analytes, (melengestrol acetate, megestrol acetate and chlormadinone acetate)			
			DL ≤ 0.005 µg/g LOQ ≤ 0.01 µg/g for each of the 3 analytes (melengestrol acetate, megestrol acetate and chlormadinone acetate)	5		
GLYCOSIDES	Dairy Egg Honey Meat (kidney & muscle for all species except poultry; muscle only for poultry)	Spectinomycin Hygromycin Streptomycin Dihydrostreptomycin Amikacin Kanamycin Apramycin Tobramycin Gentamicin neomycin	Unable to assess	0	5	1
			DL ≤ 0.01 µg/g for fewer than 7 of the 10 analytes (spectinomycin, hygromycin, streptomycin, dihydrostreptomycin, amikacin, kanamycin, apramycin, tobramycin, gentamicin and neomycin)			
			DL ≤ 0.01 µg/g LOQ ≤ 0.1 µg/g for at least 7 of the 10 analytes listed.	1		
			DL ≤ 0.01 µg/g LOQ 0.05 to 0.1 µg/g for all ten analytes listed	3		
			DL ≤ 0.01 µg/g LOQ ≤ 0.05 µg/g for all ten analytes listed	5		
HALOFUGINONE	Egg	Halofuginone	Unable to assess	0	5	5
			DL > 0.005 µg/g			
			DL ≤ 0.005 µg/g LOQ ≤ 0.01 µg/g	5		
	Meat (liver and muscle)	Halofuginone	Unable to assess	0		
			DL > 0.015 µg/g			
			DL ≤0.015 µg/g LOQ ≤ 0.05 µg/g	5		
IONOPHORES	Honey	Lasalocid Monensin Narasin Salinomycin	Unable to assess	0	5	3
			LOQ > 0.005 µg/g for any of the 4 analytes (lasalocid, monensin, salinomycin and narasin			
			DL ≤ 0.001 µg/g LOQ ≤ 0.005 µg/g for each of the 4 analytes	3		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Optional: maduramicin	Meets the criteria above for three (3) points PLUS DL ≤ 0.001 µg/g LOQ ≤ 0.005 µg/g for maduramicin	5		
IONOPHORES/ NICARBAZIN	Dairy Egg Meat (Liver, muscle & fat)	Lasalocid Monensin Narasin Salinomycin Nicarbazin NEW: Semduramicin Maduramicin Optional for Dairy	Unable to assess	0	5	1
			DL > 0.005 µg/g for any of the five (5) analytes (lasalocid, monensin, salinomycin, narasin and nicarbazin)			
			DL 0.002 to 0.005 µg/g LOQ ≤0.005 µg/g for each the five analytes (lasalocid, monensin, salinomycin, narasin and nicarbazin)	1		
			Meets the criteria above for one (1) point PLUS DL 0.002 to 0.005 µg/g LOQ ≤0.005 µg/g for one of semduramicin or maduramicin	2		
			DL ≤ 0.002 µg/g LOQ ≤ 0.005 µg/g for each of the five (5) analytes (lasalocid, monensin, salinomycin, narasin and nicarbazin)			
			DL ≤ 0.002 µg/g LOQ ≤ 0.005 µg/g for each of the five (5) analytes (lasalocid, monensin, salinomycin, narasin and nicarbazin)PLUS one of semduramicin or maduramicin	3		
			DL 0.002 to 0.005 µg/g LOQ ≤0.005 µg/g for each of the seven analytes listed	4		
			DL ≤ 0.002 µg/g LOQ ≤ 0.005 µg/g for each of the seven (7) analytes listed.	5		
MACROLIDES / LINCOSAMIDES	Dairy Egg Honey Meat (liver & muscle)	Clindamycin Erythromycin Josamycin Lincomycin Oleandomycin Pirlimycin Spiramycin Tylosin tilmicosin. Desmycosin Neospiramycin CP-60,300 expressed as Tulathromycin equivalents	Unable to assess	0	5	1
			DL > 0.005 µg/g for any of the 12 (clindamycin, erythromycin, josamycin, lincomycin, oleandomycin, pirlimycin, spiramycin, tylosin, tilmicosin, desmycosin, neospiramycin and Tulathromycin equivalents)			
			DL ≤ 0.005 µg/g LOQ ≤ 0.01 µg/g for 9-11 of the 12 analytes.	1		
			DL ≤ 0.005 µg/g LOQ ≤ 0.01 µg/g for all of the 12 analytes.	2		
	Meat (liver & muscle); Optional for	Gamithromycin Tildipirosin Tylvalosin	Meets the criteria above for two (2) points PLUS DL and LOQ ≤ 0.01 µg/g for one of gamithromycin, tildipirosin or Tylvalosin	3		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
	Dairy , Egg, Honey	Optional for Dairy, Egg, honey	Meets the criteria above for two (2) points PLUS DL and LOQ ≤ 0.01 µg/g for two (2) of gamithromycin, tildipirosin or Tylvalosin PLUS two of gamithromycin, tildipirosin or Tylvalosin with a DL of 0.01 µg/g or less	4		
			Meets the criteria above for two (2) points PLUS DL and LOQ ≤ 0.01 µg/g for all three (3) of gamithromycin, tildipirosin and Tylvalosin	5		
MELAMINE	Dairy	Melamine	Unable to assess	0	5	5
			DL > 0.10 µg/g	0		
			DL ≤ 0.10 µg/g	5		
METALS	Dairy Egg Fresh F&V Processed foods Honey Meat (muscle)	Al, As, B, Be, Cd, Cr, Cu, Fe, Hg, Mg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Ti and Zn	Unable to assess	0	5	3
			DL's are greater than any of those indicated in Appendix 1 for any of the 19 analytes (Al, As, B, Be, Cd, Cr, Cu, Fe, Hg, Mg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Ti and Zn)	0		
			DL for 18 analytes (Al, As, B, Be, Cd, Cr, Cu, Fe, Mg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Ti and Zn) as indicated Appendix 1 or less and Hg with a DL of 0.002 µg/g or less.	3		
			DL as indicated in Appendix 1 or less for all 19 analytes (Al, As, B, Be, Cd, Cr, Cu, Fe, Hg, Mg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Ti and Zn).	5		
MORANTEL/ PYRANTEL	Dairy Egg Meat (liver and muscle)	N-methyl-1,3 propane diamine	Unable to assess	0	5	3
			DL and LOQ > 0.5 µg/g	0		
			DL and LOQ 0.5 µg/g to 0.1 µg/g	3		
			DL ≤0.1 µg/g and LOQ ≤ 0.2 µg/g	5		
MULTI-CLASS ANTIBIOTICS	Meat (kidney & muscle) Meat (Cooked & processed foods)	ß-Lactams screen Cloxacillin Dicloxacillin Oxacillin Nafcillin Amoxicillin Ampicillin Penicillin G Cephalosporins screen Cefazolin Cephalexin Desacetyl Cephapirin	DL 0.00002 µg/g; LOQ 0.001 µg/g Chloramphenicol LOQ 0.001 µg/g Ractopamine, zilpaterol DL 0.001 µg/g; LOQ 0.005 µg/g Flunixin, ketoprofen, meloxicam DL 0.005 µg/g; LOQ 0.05 µg/g for Oleandomycin, Erythromycin, Tylosin, Tilmicosin, Tylvalosin, Spiramycin, Neospiramycin, Desfuroyl ceftiofur Cysteine Disulfide			

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Fluoroquinolones screen Ciprofloxacin Danofloxacin Sarafloxacin Enrofloxacin Norfloxacin Ofloxacin Desethylene ciprofloxacin Phenicols screen Chloramphenicol Thiamphenicol Florfenicol Tetracyclines screen Oxytetracycline Tetracycline Chlortetracycline Doxycycline Sulfonamides screen Sulfaacetamide Sulfanilamide Sulfabenzamide	DL 0.005 µg/g; LOQ 0.015 µg/g for: Cloxacillin, dicloxacillin, oxaclillin, Amoxicillin, Ampicillin. Penicillin G, Cefazolin, Cephalexin, Desacetyl Cephapirin, Ciprofloxacin, Danofloxacin, Sarafloxacin, Enrofloxacin, Norfloxacin, Ofloxacin, Desethylene ciprofloxacin, Thiamphenicol, Florfenicol, Oxytetracycline, Tetracycline, Chlortetracycline, Doxycycline, Sulfaacetamide, Sulfanilamide, Sulfabenzamide, Sulfachloropyridazine, Sulfadimethoxine, Sulfadoxine, Sulfadiazine, Sulfaethoxypyridazine Sulfaguanidine, Sulfamethoxypyridazine, Sulfamerazine, Sulfamethazine, Sulfaquinoxaline Sulfathiazole, Tulathromycin, Clindamycin, Josamycin, Pirlimycin, Lincomycin, Gamithromycin, Clopidol, Amprolium, Fenbendazole, Toltrazuril Sulfone, novobiocin, tiamulin, trimethoprim LOQ 0.1 Tildipirosin			
		Sulfachloropyridazine Sulfadimethoxine Sulfadoxine Sulfadiazine Sulfaethoxypyridazine Sulfaguanidine Sulfamethoxypyridazine Sulfamerazine Sulfamethazine Sulfaquinoxaline Sulfathiazole Macrolides screen	Unable to assess ≤ DL and ≤LOQ for fewer than 25 analytes ≤ DL and ≤ LOQ for 25 -32 of the 67 listed analytes ≤ DL and ≤ LOQ for 33 -39 of the 67 listed analytes ≤ DL and ≤ LOQ for 40 -49 of the 67 listed analytes ≤ DL and ≤ LOQ for 50 -59 of the 67 listed analytes ≤ DL and ≤ LOQ for 60 -67 of the 67 listed analytes	0 1 2 3 4 5	5	1
		Oleandomycin Erythromycin Tylosin Tilmicosin Tylvalosin Spiramycin Neospiramycin				

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Tildipirosin				
		Tulathromycin				
		Clindamycin				
		Josamycin				
		Pirlimycin				
		Lincomycin				
		Gamithromycin				
		Coccidiostats screen				
		Clopidol				
		Amprolium				
		Fenbendazole				
		Toltrazuril Sulfone				
		B-Agonists screen				
		Ractopamine				
		Zilpaterol				
		NSAIDS screen				
		Fluxim				
		Ketoprofen				
		Meloxicam				
		Others				
		Novobiocin				
		Tiamulin				
		Trimethoprim				
		Desfuroyl ceftiofur Cysteine Disulfide				
MULTI-CLASS ANTIBIOTICS	Egg Dairy	Sulfonamides	Unable to assess			
		Sulfadimethoxine	DL ≤ 0.01 µg/g and LOQ ≤ 0.03 µg/g for fewer than 20 of the 41 analytes listed	0		
		Sulfapyridine				
		Sulfamethoxazole	DL ≤ 0.01 µg/g and LOQ ≤ 0.03 µg/g for 20 – 25 of the 41 analytes listed	1		
		Sulfaquinoxaline				
		Sulfathiazole				
		Sulfamerazine	DL ≤ 0.01 µg/g and LOQ ≤ 0.03 µg/g for 26 – 30 of the 41 analytes listed	2	5	1
		Sulfadiazine				
		Sulfamethazine				
		Sulfisoxazole	DL ≤ 0.01 µg/g and LOQ ≤ 0.03 µg/g for 31 – 35 of the 41 analytes listed	3		
		Sulfamethizole				
		Sulfadoxine				
		sulfamonomethoxine	DL ≤ 0.01 µg/g and LOQ ≤ 0.03 µg/g for 36 – 40 of the 41 analytes listed	4		
		sulfamethoxipyridazine				
		sulfachloropyridazine				

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Trimethoprim	DL ≤ 0.01 µg/g and LOQ ≤ 0.03 µg/g for all of the 41 analytes listed	5		
		Penicillins				
		Amoxicillin				
		Ampicillin				
		Penicillin G				
		Penicillin V				
		Oxacillin				
		Cloxacillin				
		Dicloxacillin				
		Quinolones				
		Sarafloxacin				
		Norfloxacin				
		Danofloxacin				
		Marbofloxacin				
		Difloxacin				
		Flumequine				
		Oxolinic acid				
		Ciprofloxacin				
		Enrofloxacin				
		Tetracyclines				
		Oxytetracycline				
		Tetracycline				
		Chlortetracycline				
		Doxycycline				
		Macrolides				
		Tylosin				
		Spiramycin				
		Erythromycin				
		Josamycine				
		Tilmicosin				
		Lincosamides				
		Lincomycin				
MULTI-CLASS ANTIBIOTICS	Honey	Sulfonamides screen	Unable to assess	0	5	2
		Sulfathiazole	Methods that do not meet the DL and LOQ requirements in Appendix 1 listed for at least 12 analytes			
		Tetracyclines				
		Oxytetracycline	LOQ is equal to or lower than those listed for 12-13 of the analytes in Appendix 1.	2		
		Tetracycline				
		chlortetracycline				
		Doxycycline	LOQ is equal to or lower than those listed for 13-14 of the analytes in Appendix 1.	3		
		Quinolones				

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Ciprofloxacin				
		danofloxacin	LOQ is equal to or lower than those listed for 15-17 of the analytes in Appendix 1.	4		
		enrofloxacin				
		sarafloxacin				
		difloxacin	LOQ is equal to or lower than those listed for all 18 of the analytes in Appendix 1.	5		
		Macrolides				
		Tylosin				
		Desmycosin (Calculated as Tylosin)				
		Erythromycin				
		Others				
		Lincomycin				
		Streptomycin				
		Chloramphenicol				
		Fumagillin				
		Monensin				
MULTI-CLASS DRUGS	Meat (muscle & kidney for all species except poultry; muscle and liver for poultry))	Penicillins Screen	Unable to assess	0	5	1
		Amoxicillin				
		Ampicillin	Methods that do not meet the DL and LOQ requirements listed for at least 20 analytes in Table 18A, 18B and 19 of the method			
		Cloxacillin				
		Dicloxacillin	DL and LOQ is equal to or lower than those listed for 20 to 25 of the analytes in Table 18A, 18B and 19 of the method.	1		
		Naficillin				
		Oxacillin				
		Penicillin G				
		Cephalosporins	DL and LOQ is equal to or lower than those listed for 26 to 32 of the analytes in Table 18A, 18B and 19 of the method.	2		
		Cefazolin				
		Phenicols Screen				
		Chloramphenicol	DL and LOQ is equal to or lower than those listed for 33 to 40 of the analytes in Table 18A, 18B and 19 of the method.	3		
		Florfenicol				
		B-agonists Screen				
		Cimaterol	DL and LOQ is equal to or lower than those listed for 41-51 of the analytes in Table 18A, 18B and 19 of the method.	4		
		Salbutamol				
		Ractopamine				
		Tetracyclines Screen	DL and LOQ is equal to or lower than those listed for all 52 of the analytes in Table 18A, 18B and 19 of the method.	5		
		Chlortetracycline				
		Oxytetracline				
		Tetracycline				
		Fluoroquinolones screen				
		Ciprofloxacin				
		Desethylene Ciprofloxacin				

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Danofloxacin				
		Difloxacin				
		Norfloxacin				
		Sarafloxacin				
		Enrofloxacin				
		Macrolides Screen				
		Clindamycin				
		Erythromycin A				
		Gamithromycin				
		Lincomycin				
		Pirlimycin				
		Tilmicosin				
		Tulathromycin A				
		Tylosin				
		Sulfa screen				
		Sulfachloropyridazine				
		Sulfadiazine				
		Sulfadimethoxine				
		Sulfadoxine				
		Sulfaethoxypyridazine				
		Sulfamerazine				
		Sulfamethazine				
		Sulfamethizole				
		Sulfamethoxypyridazine				
		Sulfanitran				
		Sulfapyridine				
		Sulfaquinoxaline				
		Sulfathiazole				
		NSAID screen				
		Phenylbutazone				
		Oxyphenylbutazone				
		Flunixin				
		Others				
		2-Quinoxaline Carboxylic Acid (QCA)				
		DCCD				
		Melengestrol Acetate				
		Prednisone				
		Zeranol (B-Zearalanol)				
MYCOTOXIN	Dairy	Aflatoxin M1	Unable to assess	0	5	5

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
			DL > 0.01 ng/g			
			DL ≤ 0.01 ng/g LOQ ≤ 0.02 ng/g	5		
NITROFURANS	Dairy Egg Honey Meat (Liver & muscle)	**Furaltadone** :3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ), **Furazolidone**: (3-amino-2-oxazolidinone (AOZ) **Nitrofurantoin** :1-aminohydantoin (AHD) **Nitrofuranzone** Semicarbazide (SEM)	Unable to assess		5	3
			DL > 0.0005 µg/g for all 4 analytes (AOZ, AMOZ, AHD and SEM)	0		
		Nifursol	DL ≤ 0.0005 µg/g for all 4 analytes.	3		
			Meets the criteria above for three (3) points PLUS DL ≤ 0.0005 µg/g for the major metabolite of nifursol (3, 5-dinitro-salicyclic acid hydrazine (DNSAH))	5		
NITROIMIDAZOLES	Dairy Egg Honey Meat (Liver & muscle)	Dimetridazole Hydroxyl dimetridazole (DMZOH) Metronida)zole Ronidazole Tinidazole Ipronidazole	Unable to assess		5	3
			DL > 0.001 µg/g for any of the six (6) analytes (Dimetronidazole, DMZOH, Metronidazole, Ronidazole, Tinidazole, ipronidazole)	0		
			DL ≤ 0.001 µg/g LOQ ≤ 0.003 µg/g for each of the six (6) analytes	3		
			Meets the criteria above for three (3) points PLUS DL ≤ 0.001 µg/g for one of IPROH or MTZOH	4		
		MTZOH IPOH	Meets the criteria above for three (3) points PLUS DL ≤ 0.001 µg/g for both IPROH and MTZOH	5		
NSAID/HORMONE/ STEROID	Dairy Egg Meat (muscle, kidney optional)	Naproxen Meloxicam Ketoprofen Flunixin Niflumic acid	Unable to assess Methods that do not meet the DL and LOQ requirements listed for at least 22 analytes	0	5	1
		Carprofen Etodolac	DL ≤ 0.001 µg/g for 22-27 of the analytes	1		
		Mefenamic acid Tolfenamic acid Vedaprofen	DL and LOQ is equal to or lower than those listed for22-27 of the analytes	3		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		20-Dihydroprednisone				
		20-Dihydroprednisolone	DL ≤ 0.001 µg/g for 28 – 29 analytes.	3		
		Prednisone				
		Prednisolone				
		Methylprednisolone				
		Betamethasone				
		Dexamethasone				
		Flumethasone	DL and LOQ is equal to or lower than those listed for all 29 compounds.	5		
		Beclomethasone				
		Triamcinolone Acetonide				
		alpha-Trenbolone				
		beta Trenbolone				
		Boldenone				
		19-Nortestosterone				
		Epi-19-nortestosterone				
		Dianabol				
		Testosterone				
		Epi-testosterone				
		Phenylbutazone				
PENICILLINS	Dairy Egg Honey Meat(muscle and kidney for all species except poultry; muscle and liver for poultry)	Amoxicillin Ampicillin penicillin G oxacillin cloxacillin dicloxacillin Penicillin V Nafcillin	Unable to assess	0	5	3
			DL > 0.002 µg/g for any of the eight (8) analytes			
			DL 0.0002 to 0.002 µg/g LOQ ≤ 0.005 µg/g for all 8 analytes	3		
			DL ≤ 0.0002 µg/g LOQ ≤ 0.001 µg/g for all 8 analytes	5		
PESTICIDES-GC	Fresh F&V Processed foods Honey	See Table 2 of Appendix 2	The scope of the analytical method should cover the pesticides indicated in Table 2 of Appendix 2 and the minimum DL and LOQ listed to be counted. Pesticides not listed in the method but deemed to be valid by the evaluation committee will also be accepted towards the rating criterion towards the minimum test requirements in the eligible food group.		5	2
			Unable to assess	0		
			Methods that do not meet the DL and LOQ requirements listed for at least 250 pesticides			
			DL and LOQ is equal to or lower than those listed for 250-259 pesticides	2		
			DL and LOQ is equal to or lower than those listed for 260-269 pesticides	3		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
			DL and LOQ is equal to or lower than those listed for 270-279 pesticides	4		
			DL and LOQ is equal to or lower than those listed for 280 or more-pesticides	5		
PESTICIDES-LC	Fresh F&V Processed foods Honey	See Table 3 of Appendix 2	The scope of the analytical method should cover the pesticides indicated in Table 3 of Appendix 2. A DL of 0.001 µg/g or less and a LOQ of 0.01 µg/g or less must be met to be counted. Pesticides not listed in the method but deemed to be valid by the evaluation committee will also be accepted towards the rating criterion towards the minimum test requirements in the eligible food group.		5	1
			Unable to assess	0		
			Methods that do not meet the DL and LOQ requirements listed for at least 130 pesticides			
			DL and LOQ is equal to or lower than those listed for 130-134 pesticides	1		
			DL and LOQ is equal to or lower than those listed for 135-139 pesticides	2		
			DL and LOQ is equal to or lower than those listed for 140-144 pesticides	3		
			DL and LOQ is equal to or lower than those listed for 145-pesticides	4		
			DL and LOQ is equal to or lower than those listed for 150 or more pesticides	5		
PESTICIDES-M	Meat (liver & muscle)	See Table 4 of Appendix 2	The scope of the analytical method should cover the pesticides indicated in Table 4 of Appendix 2 and the minimum DL listed to be counted.		5	2
			Pesticides not listed in the method but deemed to be valid by the evaluation committee will also be accepted towards the rating criterion towards the minimum test requirements in the eligible food group.			
			Unable to assess	0		
			Methods that do not meet the DL requirements listed for at least 40 pesticides			
			DL is equal to or lower than those listed for 45-54 pesticides	2		
			DL is equal to or lower than those listed for 65-74 pesticides	3		
			DL is equal to or lower than those listed for 75-84 pesticides	4		
			DL is equal to or lower than those listed for 85 or more pesticides	5		
PESTICIDES-OC	Dairy Egg	See Table 5 of Appendix 2	The scope of the analytical method and SOP presented must cover the scope of the pesticides indicated in the table 5 of Appendix 2		5	3
			Unable to assess	0		
			Methods that do not meet the DL requirements listed for at least 28 pesticides			
			DL and LOQ is equal to or lower than those listed for 28-30 pesticides	3		
			DL and LOQ is equal to or lower than those listed for 31 or more pesticides	5		
PHENICOLS	Dairy Egg Honey	Chloramphenicol	Unable to assess	0	5 (meat) 3 (dairy, egg,	3
		florfenicol	DL > 0.0002 µg/g for chloramphenicol DL > 0.001 µg/g for florfenicol and thiamphenicol			

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
	Meat (Liver & muscle)	thiamphenicol	DL ≤ 0.0002 µg/g for chloramphenicol DL ≤0.001 µg/g for florfenicol and thiamphenicol	3	honey)	
FLORFENICOL AMINE	Meat (liver) Meat (muscle)	Florfenicol amine	**Meat Only:** DL ≤ 0.0002 µg/g for chloramphenicol DL ≤ 0.001 µg/g for florfenicol and thiamphenicol AND for the confirmation of florfenicol as florfenicol amine in liver DL ≤ 0.5 µg/g LOQ ≤ 1.0 µg/g In muscle DL ≤ 0.03 µg/g LOQ ≤ 0.7 µg/g	5		
PHENYLBUTAZONE	Dairy Egg Meat (Kidney for all species except poultry, muscle for poultry)	Phenylbutazone	Unable to assess	0	5	5
			DL > 0.0005 µg/g			
			DL ≤0.0005 µg/g LOQ ≤ 0.0015 µg/g	5		
SULFONAMIDES	Dairy Egg Honey	Sulfabenzamide, Sulfacetamide, Sulfachloropyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazine, Sulfaguanidine Sulfamerazine Sulfameter Sulfamethazine Sulfamethizole Sulfamethoxazole Sulfamethoxypyridazine Sulfamonomethoxine Sulfamoxole Sulfanilamide	The scope of the analytical method and SOP must cover the sulfa drugs listed in APPENDIX A of the reference method at or below the detection limit (DL) indicated to be counted. Sulfa drugs not listed but deemed to be of value by the evaluation committee will be accepted towards the total analytes offered		5	2
			Unable to assess Methods that do not meet the DL and LOQ requirements listed for at least 20 analytes	0		
			DL and LOQ is equal to or lower than those listed for 20-22 of the.	2		
			DL and LOQ is equal to or lower than those listed for all 22 of the listed analytes	3		
			Meets the criteria above for three (3) points PLUS.1 or 2 of the optional analytes	4		

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Sulfaphenazole Sulfapyridine Sulfaquinoxaline Sulfathiazole Sulfisoxazole	Meets the criteria above for three (3) points PLUS.all three (3) of the optional analytes	5		
		OPTIONAL: Dapsone Ormetaprim trimethoprim				
SULFONAMIDES-M	Meat (Kidney & Muscle)	Sulfacetamide Sulfachloropyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazine Sulfamerazine Sulfamethazine Sulfamethoxypyridazine Sulfapyridine Sulfaquinoxaline Sulfathiazole	Unable to assess	0	5	3
			Methods that do not meet the DL and LOQ requirements listed for the twelve (12) analytes			
			DL ≤ 0.01 µg/g LOQ ≤ 0.05µg/g for all twelve (12) listed analytes	3		
		Optional Dapsone Ormetoprim Sulfabenzamide Sulfaguanidine Sulfameter Sulfamethizole Sulfamethoxazole Sulfamonomethoxine Sulfamoxole Sulfanilamide Sulfaphenazole Sulfisomidine Sulfisoxazole Trimethoprim	Meets the criteria above for three (3) points PLUS DL ≤ 0.01 µg/g LOQ ≤ 0.05 µg/g for 5-9 additional compounds from the optional list	4		
			Meets the criteria above for three (3) points PLUS DL ≤ 0.01 µg/g LOQ ≤ 0.05 µg/g for ten (10) or more of the additional compounds from the optional list	5		
SYNTHETIC PYRETHRIN	Dairy Egg	Cis-Permethrin Trans-Permethrin	Unable to assess	0	5	5
			DL > 0.015 µg/g for any of the 9 analytes			

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
S	Honey Meat (Fat)	Cyfluthrin Cypermethrin Deltamethrin Fenvalerate Flucythrinate lambda-Cyhalothrin Tau-Fluvalinate	DL ≤ 0.015 µg/g LOQ ≤ 0.05 µg/g for all 9 analytes	5		
TETRACYCLINES	Dairy Egg Honey Meat (kidney; liver for Poultry; muscle for all species)	Chlortetracycline Doxycycline Epi-Chlortetracycline Epi-Oxytetracycline Epi-Tetracycline Oxytetracycline Tetracycline	Unable to assess	0	5	3
			DL > 0.005 µg/g for any of tetracycline, oxytetracycline, chlortetracycline or doxycycline			
			DL 0.002 to 0.005 µg/g LOQ ≤ 0.01 µg/g for each of tetracycline, oxytetracycline, chlortetracycline and doxycycline plus epi-tetracycline, epi-oxytetracycline and epi-chlortetracycline.	3		
			DL ≤ 0.002 µg/g LOQ ≤ 0.01 µg/g or less for each of tetracycline, oxytetracycline, chlortetracycline, doxycycline, epi-tetracycline, epi-oxytetracycline and epi-chlortetracycline	5		
THYREOSTATS	Dairy Egg Meat (liver & muscle)	Mercaptobenzimidazole Methylthiouracil Phenylthiouracil Propylthiouracil Tapazole Thiouracil	Unable to assess	0	5	3
			DL > 0.005 µg/g for any of mercaptobenzimidazole, phenylthiouracil, propylthiouracil, tapazole, thiouracil and methylthiouracil			
			DL ≤ 0.005 µg/g for all six (6) analytes	3		
			DL ≤ 0.002 µg/g for mercaptobenzimidazole, phenylthiouracil, propylthiouracil & tapazole and DL ≤ 0.005 µg/g for thiouracil and methylthiouracil	5		
TIAMULIN	Meat (liver)	8-alpha-hydroxy-mutilin	At the Proponent's discretion, this can be offered as part of the multiclass antibiotics			
			Unable to assess	0	5	1
			DL > 0.005 µg/g			
			DL 0.01 to 0.1 µg/g LOQ ≤ 0.2 µg/g	1		
			DL ≤ 0.01 µg/g LOQ ≤ 0.05 µg/g	5		
TOLTRAZURIL	Meat (liver)	Toltrazuril sulfone	At the Proponent's discretion, this can be offered as part of the multiclass antibiotics			
			Unable to assess	0	5	3
			LOQ > 0.3 µg/g			
			LOQ 0.1 to 0.3 µg/g	3		
			LOQ ≤ 0.1 µg/g	5		
TRANQUILIZ	Dairy	Acepromazine	Unable to assess	0	5	3

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
ER	Egg Meat (liver & muscle)	Azaperol Azaperone Carazolol Chlorpromazine Haloperidol Propionylpromazine Xylazine	DL ≤ 0.0005 µg/g for fewer than 6 of the 8 analytes (acepromazine, chlorpromazine, haloperidol, propionylpromazine, xylazine, azaperone, azaperol, carazolol)			
			DL ≤ 0.0005 µg/g LOQ ≤ 0.001 µg/g for 6-7 of the 8 analytes.	3		
			DL ≤ 0.0005 µg/g LOQ ≤ 0.001 µg/g for all 8 analytes.	5		
TRENBOLONE ACETATE	Dairy Meat (Liver & muscle)	alpha-Trenbolone beta Trenbolone	Unable to assess			
			DL > 0.002 µg/g for either of the 2 analytes; alpha-trenbolone and beta-trenbolone	0	5	5
			DL ≤ 0.002 µg/g for the 2 analytes.	5		
VIRGINIAMYCIN	Dairy Egg Meat (muscle)	Virginiamycin M	Unable to assess			
			DL > 0.005 µg/g	0		
			DL 0.001 to 0.005 µg/g	3	5	3
			DL ≤ 0.001 µg/g	5		
ZERANOL/ STILBENES	Dairy Meat (liver & muscle)	a-zearalenol b-zearalenol Dienestrol Diethylstilbestrol Hexestrol Taleranol Zearalanone Zearalenone Zeranol	Unable to assess			
			DL> 0.0005 µg/g for any of the 9 analytes	0		
			DL ≤ 0.0005 µg/g LOQ ≤ 0.001 µg/g for all nine (9) analytes	5	5	5

1.1.2.2 Part B

Chemical Residue of Interest	**Eligible Food Group[a]**	**Analytes**	**Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)**	**Points**	**Maximum Points Available**	**Minimum Points Required to pass**
3-MCPD	Processed foods (Soy sauce, vegetable fats and oils, bread products)	3-monochloropropane-1,2-diol	Unable to assess			
			DL > 0.01 µg/g	0		
			DL ≤ 0.01 µg/g	5	5	5

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
ARSENIC SPEC	Egg, Fresh F&V Processed foods Meat (muscle)	Arsenocholine (AsC)	The resolution calculation must be calculated and provided in the submitted documentation along with a copy of the chromatogram for verification by the evaluation committee.			
		Arsenobetaine (AsB)				
		Disodium methyl arsonate hexahydrate (MMA)				
		Cacodylic acid (DMA)	Unable to assess	0	5	3
			LOQ > 1 ng/g			
		As $^{3+}$	LOQ ≤ 5 n/g for As $^{5+}$ and LOQ ≤ 1 ng/mL or less for the other 5 analytes	3		
		As $^{5+}$	A LOQ equal to or less than the following: ≤ 0.5 ng/g for AsC, AsB, As $^{3+}$, DMA ≤ 0.7 ng/g for MMA ≤ 3 ng/g for As $^{5+}$	5		
BPA	Processed Foods (canned foods and infant formula)	Bisphenol A (BPA) Bisphenol S (BPS) Biphenol F (BPF) Bisphenol A Diglycidyl ether (BADGE)	Unable to assess	0	5	3
			DL > 0.005 µg/g for any of the four (4) analytes			
			DL 0.001 to 0.005 µg/g LOQ ≤ 0.01 for each of the four (4) analytes	3		
			DL ≤ 0.001 µg/g LOQ ≤ 0.005 µg/g for each of the four (4) analytes	5		
FOOD COLOURS (WATER)	Processed foods (candy, beverages, etc)	Permitted Food Colours	Unable to assess	0	5	1
		Tartrazine				
		Amaranth	LOQ ≤ 0.025 µg/g for fewer than 24 food colours			
		Indigo Carmine				
		Sunset Yellow FCF	LOQ ≤ 0.025 µg/g for 24-25 food colours	1		
		Allura Red				
		Ponceau SX	LOQ ≤ 0.025 µg/g for 26-27 food colours	3		
		Fast Green FCF				
		Brillant Blue FCF	LOQ ≤ 0.025 µg/g for all 28 food colours	5		
		Erythrosin B				
		Chlorophyllin				
		Subsidiary dyes				
		Ponceau 4R (New Coccine)				
		Fast Red E				
		Bordeaux R				
		Erythrosin Yellowish (2,4,5-triiodo)				
		4,5-diiodofluorescein				
		Crocein Orange G				
		Orange II				
		2,4,7-triiodofluorescein				

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
		Non-permitted water-soluble dyes				
		Orange GGN				
		Azorubine (Carmoisine)				
		Lissamine Green				
		Quinoline Yellow				
		Eosin Y				
		Patent Blue VF				
		Patent Blue Violet Calcium				
		Chrysoidine G				
		Rhodamine B				
FOOD COLOURS (FAT)	Processed foods (candy, beverages, sauces, etc)	Sudan I	Unable to assess	0	5	3
		Sudan II				
		Sudan III	LOQ ≤ 0.025 µg/g for fewer than 15 fat soluble food colours			
		Sudan IV				
		Sudan Red B	LOQ ≤0.025 µg/g for all 15 of the fat soluble colours	3		
		Sudan Red 7B				
		Sudan Red G				
		Sudan Orange G				
		Sudan Blue II	LOQ ≤0.025 µg/g for all 15 of the fat soluble colours PLUS LOQ ≤ 0.025 µg/g for the 3 water soluble colours	5		
		Solvent Blue 59				
		Toluidine Red				
		Para Red				
		Methyl Yellow				
		Metanil Yellow *				
		Orange II *				
		Rhodamine B *				
		Sudan Black B				
		Citrus Red 2				
		*Water-soluble dyes				
SULPHITES	Processed foods Fresh F &V	SO_2	Unable to assess	0	5	5
			DL > 10 µg/g			
			DL ≤ 10 µg/g	5		
ETHYL CARBAMATE	Processed foods(alcoholic beverages)	Ethyl carbamate	Unable to assess	0	5	5
			DL > 4 ng/g			
			DL ≤ 4 ng/g	5		
DIQUAT/PAR	Fresh F&V	Diquat	Unable to assess	0	5	5

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
AQUAT	Processed Foods		DL > 0.01 µg/g			
		Paraquat	DL ≤ 0.005 µg/g LOQ ≤ 0.02 µg/g	5		
GLYPHOSATE	Fresh F&V Processed foods	Glyphosate	Unable to assess		5	5
			DL > 0.005 µg/g OR LOQ > 0.02 µg/g	0		
			DL ≤ 0.005 µg/g LOQ ≤ 0.02 µg/g	5		
PESTICIDES-GRAIN	Processed Foods	See Table 6 of Appendix 2	The scope of the analytical method and SOP presented must cover the scope of the pesticides indicated in the table 6 of Appendix 2		5	3
			Unable to assess	0		
			Not meeting DL and LOQ for at least 28 pesticides			
			DL and LOQ is equal to or lower than those listed for 28-30 pesticides.	3		
			DL and LOQ is equal to or lower than those listed for 31 or more pesticides.	5		
PHENOXY HERBICIDES	Fresh F&V Processed foods	2,4-D MCPA	Unable to assess		5	5
			Not meeting a DL ≤ 0.005 µg/g OR LOQ ≤ 0.02 µg/g	0		
			DL ≤ 0.005 µg/g LOQ ≤ 0.02 µg/g	5		
ALTERNARIA	Processed Foods (Juice, wine, grains) Honey	Alternariol alternariol methyl ether	Unable to assess		5	3
			Not meeting a DL ≤ 1 ng/g and a LOQ ≤ 5ng/g for alternariol and alternariol methyl ether	0		
			DL 0.3 to 1.0 ng/g LOQ 1.0 to 5.0ng/g for both analytes	3		
			DL ≤0.1 to0.3 ng/g LOQ 0.5 to 1.0 ng/g for both analytes	4		
			DL ≤ 0.1 ng/g LOQ ≤ 0.5ng/g for both analytes	5		
OCHRATOXIN	Processed foods (cereals)	Ochratoxin A	Unable to assess	0	5	3
			DL > 1 ng/g			
			DL 0.05 to 1.0 ng/g	3		
			DL ≤ 0.05 ng/g	5		
DEOXYNIVALENOL	Processed foods (cereals)	Deoxynivalenol	Unable to assess	0	5	3
			DL > 20 ng/g			
			DL 1.0 to 20 ng/g	3		
			DL ≤ 1.0 ng/g	5		
BENZOPYRENE(PAH)	Dairy (including	Acenaphthene	Unable to assess	0	5	1
		Acenaphthylene	DL > 0.2 ng/g for any Acenaphthene, Benzo(k)fluoranthene, Chrysene,			

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
	cheese) Egg Honey Meat Fresh F&V Processed foods (high fat Processed foods, alcoholic beverages)	Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(ghi)perylene	Dibenz(a,h)anthracene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene, Pyrene DL > 0.3 ng/g for any of Acenaphthylene, Anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene DL > 0.5 ng/g for any of Benz(a)anthracene, Benzo(ghi)perylene, Indeno(1,2,3-cd)pyrene			
		Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene	DL ≤ 0.2 ng/g for any Acenaphthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene, Pyrene DL ≤ 0.3 ng/g for any of Acenaphthylene, Anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene DL ≤ 0.5 ng/g for any of Benz(a)anthracene, Benzo(ghi)perylene, Indeno(1,2,3-cd)pyrene	1		
		Pyrene	DL ≤ the values listed in Appendix 1	5		
DIOXINS PCB	Dairy Egg Meat Processed foods	See Appendix 4c	Unable to assess	0	5	1
			DL > any listed in Appendix 4a for all 17 of the chlorinated dibenzodioxins, dibenzofurans and the twelve (12) PCB congeners AND fewer than 60 of the PCB congeners in Appendix 4b			
			DL ≤ the values listed in Appendix 4a for all 17 of the chlorinated dibenzodioxins, dibenzofurans and the twelve (12) PCB congeners DL ≤ the values in in Appendix 4b for 60-62 of the PCB congeners being resolved and reported individually, which must include the twelve (12) PCBs in Appendix 4a	1		
			DL ≤ the values listed in Appendix 4a for all 17 of the chlorinated dibenzodioxins, dibenzofurans and the twelve (12) PCB congeners DL ≤ the values in in Appendix 4b for 63-65 of the PCB congeners being resolved and reported individually, which must include the twelve (12) PCBs in Appendix 4a	2		
			DL ≤ the values listed in Appendix 4a for all 17 of the chlorinated dibenzodioxins, dibenzofurans and the twelve (12) PCB congeners DL ≤ the values in in Appendix 4b for 66-69 of the PCB congeners being resolved and reported individually, which must include the twelve (12) PCBs in Appendix 4a	3		
			DL ≤ the values listed in Appendix 4a for all 17 of the chlorinated dibenzodioxins, dibenzofurans and the twelve (12) PCB congeners DL ≤ the values in in Appendix 4b for 60-62 of the PCB congeners being resolved and reported individually, which must include the twelve (12) PCBs in Appendix 4a	5		
DIOXIN AND	Dairy	See Appendix 4d	Unable to assess	0	5	5

Chemical Residue of Interest	Eligible Food Group[a]	Analytes	Evaluation Criteria (Method or SOP will be assessed against each food group eligible unless a food group is specified)	Points	Maximum Points Available	Minimum Points Required to pass
DIOXIN- LIKE CONGENERS	Egg Meat Processed foods		DL > any listed in Appendix 4a for all 17 of the chlorinated dibenzodioxins, dibenzofurans and the twelve (12) PCB congeners AND fewer than 18 of the PCB congeners in Appendix 4d			
			DL ≤ the values listed in Appendix 4a for all compounds listed in Appendix 4a and PCB 28, PCB 52, PCB 101, PCB 138, PCB 153, PCB 180 with DL ≤ the values in Appendix 4b	5		
Other Rated Criteria						
Lab Turn Around			To demonstrate this criteria, the Offeror should provide evidence of historical delivery or provide details of lab capacity and throughput based on number of trained/experienced staff, physical lab space, instrumentation capacity and any other factor that would support the claim. This should include the maximum number of tests that the Offeror will be able to complete and still maintain this turn around time.			
			Lab is unable to demonstrate all testing on a sample will be completed in under one hundred twenty (120) days from sample receipt	0	5	2
			Lab is able to demonstrate all testing on a sample will be completed in under one hundred twenty (120) days from sample receipt	2		
			Lab is able to demonstrate all testing on a sample will be completed in under ninety (90) days from sample receipt	5		

1.1.2.3 Maximum Points Available by Food Group

This table describes the maximum points available for each test and identifies the minimum points required in each Food Group for the Chemical Residue of Interest.

Part A

Chemical Residue of Interest	Maximum Score					
	Dairy	Egg	Meat	FFV	PP	Honey
ALAR	None	None	None	5	None	5
AMITRAZ	None	None	None	5	None	5
BACITRACIN	5	5	5	None	None	None
B-AGONISTS	5	5	5	None	None	None
FREE RACTOPAMINE	None	None	5	None	None	None
FREE ZILPATEROL	None	None	5	None	None	None
BENZIMIDAZOLES	5	5	5	None	None	None
CARBADOX	None	None	5	None	None	None
CARBAMATES	5	5	5	None	None	None
CEFTIOFUR	5	5	5	None	None	None
CHLORINATED PHENOLS	5	5	5	None	None	None
CLOPIDOL	None	5	5	None	None	None
COCCIDIOSTATS	None	5	None	None	None	None
DECOQUINATE	5	5	5	None	None	None
DIPYRONE	5	None	5	None	None	None
EBDC/DC(CS2)	None	None	None	5	None	5
EBDC(EDA)	None	None	None	5	None	5
EDBC(ETU)	None	None	None	5	5	5
ENDECTOCIDES	5	5	5	None	None	None
FLUOROQUINOLONES	5	5	5	None	None	5
FUMAGILLIN	None	None	None	None	None	5
GESTAGENS	5	None	5	None	None	None
GLYCOSIDES	5	5	5	None	None	5
HALOFUGINONE	None	5	5	None	None	None
IONOPHORES	None	None	None	None	None	5
IONOPHORES/ NICARBAZIN	5	5	5	None	None	None
MACROLIDES / LINCOSAMIDES	5	5	5	None	None	5
MELAMINE	5	None	None	None	None	None
METALS	5	5	5	5	5	5
MORANTEL/ PYRANTEL	5	5	5	None	None	None
MULTI-CLASS ANTIBIOTICS	None	None	5	None	None	None
MULTI-CLASS ANTIBIOTICS	5	5	None	None	None	None
MULTI-CLASS ANTIBIOTICS	None	None	None	None	None	5
MULTI-CLASS DRUGS	None	None	5	None	None	None

	Maximum Score					
Chemical Residue of Interest	**Dairy**	**Egg**	**Meat**	**FFV**	**PP**	**Honey**
MYCOTOXIN	5	None	None	None	None	None
NITROFURANS	5	5	5	None	None	5
NITROIMIDAZOLES	5	5	5	None	None	5
NSAID/HORMONE/ STEROID	5	5	5	None	None	None
PENICILLINS	5	5	5	None	None	5
PESTICIDES-GC	None	None	None	5	5	5
PESTICIDES-LC	None	None	None	5	5	5
PESTICIDES-M	None	None	5	None	None	None
PESTICIDES-OC	5	5	None	None	None	None
PHENICOLS (Florfenicol Amine)	3	3	5	None	None	3
PHENYLBUTAZONE	5	5	5	None	None	None
SULFONAMIDES	5	5	None	None	None	5
SULFONAMIDES-M	None	None	5	None	None	None
SYNTHETIC PYRETHRINS	5	5	5	None	None	5
TETRACYCLINES	5	5	5	None	None	5
THYREOSTATS	5	5	5	None	None	None
TIAMULIN	None	None	5	None	None	None
TOLTRAZURIL	None	None	5	None	None	None
TRANQUILIZER	5	5	5	None	None	None
TRENBOLONE ACETATE	5	None	5	None	None	None
VIRGINIAMYCIN	5	5	5	None	None	None
ZERANOL/ STILBENES	5	None	5	None	None	None
Maximum Points for Part A	**168**	**153**	**200**	**40**	**20**	**103**
Minimum Points Required to Pass	**125**	**115**	**150**	**30**	**15**	**75**

Part B

	Maximum Score					
Chemical Residue of Interest	**Dairy**	**Egg**	**Meat**	**FFV**	**PP**	**Honey**
3-MCPD	None	None	None	None	5	None
ARSENIC SPEC	None	5	5	5	5	None
BPA	None	None	None	None	5	None
FOOD COLOURS (WATER)	None	None	None	None	5	None
FOOD COLOURS (FAT)	None	None	None	None	5	None
SULFITES	None	None	None	5	5	None
ETHYL CARBAMATE	None	None	None	None	5	None
DIQUAT/PARAQUAT	None	None	None	5	5	None
GLYPHOSATE	None	None	None	5	5	None
PESTICIDES-GRAIN	None	None	None	None	5	None
PHENOXY HERBICIDES	None	None	None	5	5	None

ALTERNARIA	None	None	None	None	5	5
OCHRATOXIN	None	None	None	None	5	None
DEOXYNIVALENOL	None	None	None	None	5	None
DIOXIN AND DIOXIN- LIKE CONGENERS	5	5	5	5	5	None
DIOXINS / PCB	5	5	5	None	5	None

Note: There is no total overall score for Part B. Each test is evaluated separately.

*FFV - Fresh Fruit and Vegetables
*PP - Processed Products

2. Basis of Selection – For each of the Six (6) Food Groups

2.1 Basis of Selection for Part A:

2.1.1 To be declared responsive, an offer must:

(a) comply will all the requirements of the Request for Standing Offers (RFSO);
(b) meet all mandatory evaluation criteria;
(c) obtain the required minimum points for each point-rated criteria with a minimum score;
(d) obtain the overall required minimum points for the Point-Rated Technical Criteria.

2.1.2 Offers not meeting (a) or (b) or (c) or (d) above will be declared non-responsive.

2.1.3 Each of the six (6) Food Groups will be ranked separately. Offerors will be ranked using their Total Overall Score, from highest to lowest. The top four (4) Offerors in that Food Group will be recommended for issuance of a Standing Offer. In the event that two or more offers have the same Total Overall Score, the offer with the lower price will be ranked higher.

2.1.4 In the event that one or more tests under a particular Food Group are not offered by the top four (4) Offerors determined under 3 above, Canada reserves the right to add one (1) more Offeror offering these tests to ensure coverage for that particular Food Group.

2.1.5 Any resulting Standing Offer will contain only those tests that were found to be responsive in accordance with the applicable mandatory requirements and minimum technical point-rated score required above.

2.1.6 Should an Offeror be recommended for more than one Food Group, only one Standing Offer would be issued for all recommended Food Groups.

2.2 Basis of Selection for Part B:

2.2.1 To be declared responsive, an offer must:

(a) comply will all the requirements of the Request for Standing Offers (RFSO); and
(b) meet all mandatory technical evaluation criteria; and
(c) obtain the required minimum points for each point-rated criteria with a minimum point score.

2.2.2 Offers not meeting (a) or (b) or (c) above will be declared non-responsive.

2.2.3 Each test in each Food Group will be evaluated and ranked separately. Offerors will be ranked using their Total Overall Score, from highest to lowest. The top two (2) Offerors in that Food Group will be recommended for issuance of a Standing Offer. In the event that two or more offers have the same Total Overall Score, the offer with the lower price will be ranked higher.

Attachment 1 to Part 4
Calculation of Total Overall Score and Examples

1. Calculation of Total Overall Score

The Total Overall Score will be calculated for Part A and Part B.

1.1 Technical Score

The Technical Score for each test will be calculated in accordance with Part 4, section 1.1.2 – *Point-Rated Technical Evaluation Criteria*.

Each test must meet the required minimum points to be considered compliant.

For Part A - An offer for a particular Food Group must meet the minimum points for the Food Group to be considered compliant.

1.2 Price Score

The Price for each compliant test will be evaluated and scored using the following formula. The total points available for each test are 5 points to ensure that the price is appropriately weighted.

$$S = \frac{Min}{P} xM$$

S = Score (total price score awarded for the test)

S = Score (total price score awarded for the test)

Min = Lowest Price Test (for this test for all qualified Offerors)
P = Price on the test (by this particular Offeror)
M = Total Score available for Price (5)

1.3 Total Overall Score

For each compliant test, the Technical Score and the Price Score will be added together to form a Total Overall Score.

For Part A - The Total Overall Score for each compliant test in a Food Group will be added to determine the Total Overall Score for the Food Group.

2. Example – Part A

2.1 Technical Score

Technical Score for Food Group Dairy

Test	Offeror A	Offeror B	Offeror C	
BACITRACIN	5	3	5	
B-AGONISTS	5	5	1	
BENZIMIDAZOLES	1	4	1	
CARBAMATES	3	0	5	Offeror B test not accepted
CEFTIOFUR	3	0	0	Offeror B and C test not accepted
PENICILLINS	0	3	5	Offeror A test not accepted

2.2 Price Score

Price Per Test				
Test	**Offeror A**	**Offeror B**	**Offeror C**	**Lowest Price**
BACITRACIN	$110.00	$110.00	$115.00	$110.00
B-AGONISTS	$110.00	$128.00	$100.00	$100.00
BENZIMIDAZOLES	$105.50	$105.00	$98.75	$98.75
CARBAMATES	$103.00	~~$90.00~~	$105.00	$103.00
CEFTIOFUR	$99.00	~~$90.00~~	~~$98.75~~	$99.00
PENICILLINS	~~$105.00~~	$100.00	$150.00	$100.00
Economic Value				
Test	**Offeror A**	**Offeror B**	**Offeror C**	
BACITRACIN	5.00	5.00	4.78	
B-AGONISTS	4.55	3.91	5.00	
BENZIMIDAZOLES	4.68	4.70	5.00	
CARBAMATES	5.00		4.90	Offeror B test not accepted
CEFTIOFUR	5.00			Offeror B and C test Not accepted
PENICILLINS		5.00	3.33	Offeror A test not accepted

2.3 Total Overall Score

Technical Score + Price Score				
Test	**Offeror A**	**Offeror B**	**Offeror C**	
BACITRACIN	10.00	8.00	9.78	
B-AGONISTS	9.55	8.91	6.00	
BENZIMIDAZOLES	5.68	8.70	6.00	
CARBAMATES	8.00		9.90	
CEFTIOFUR	8.00			
PENICILLINS		8.00	8.33	
Total Overall Score	**41.23**	**33.61**	**40.01**	
Rank	1st	3rd	2nd	

3. Example – Part B

BPA – Processed Foods

	Offeror A	**Offeror B**	**Offeror C**	**Offeror D**
Technical Score	3	5	3	0
Price	$150	$199	$175	$170
Price Score	5	3.77	4.29	Non-compliant
Total Score	8	8.77	7.29	Non-compliant
Rank	2	1	3	Non-compliant

PART 5 - CERTIFICATIONS

Offerors must provide the required certifications and associated information to be issued a standing offer.

The certifications provided by offerors to Canada are subject to verification by Canada at all times. Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default in carrying out any of its obligations under any resulting contracts, if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority may render the Offer non-responsive, may result in the setting aside of the Standing Offer or constitute a default under the Contract.

1. Certifications Required Precedent to Issuance of a Standing Offer

1.1 Integrity Provisions - Associated Information

By submitting an offer, the Offeror certifies that the Offeror and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Offer of Standard Instructions 2006. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada-Labour's website.

Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

2. Additional Certifications Required Precedent to Issuance of a Standing Offer

The certifications listed below should be completed and submitted with the offer, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Standing Offer Authority will inform the Offeror of a time frame within which to provide the information. Failure to comply with the request of the Standing Offer Authority and to provide the certifications within the time frame provided will render the offer non-responsive.

2.1 Canadian Content Certification

This procurement is limited to Canadian services.

The Offeror certifies that:

(____) a minimum of 80 percent of the total bid price consist of Canadian Canadian services as defined in paragraph 5 of clause A3050T.

For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult Annex 3.6.(9), Example 2, of the *Supply Manual*.

2.1.1 *SACC Manual* clause A3050T (2010-01-11) Canadian Content Definition

2.2 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPS, offerors must provide the information required below before the issuance of a standing offer. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of offers is completed, Canada will inform the Offeror of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the offer non-responsive.

Definitions

For the purposes of this clause,

"former public servant" is any former member of a department as defined in the *Financial Administration Act* R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

a. an individual;
b. an individual who has incorporated;
c. a partnership made of former public servants; or
d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the *Public Service Superannuation Act* (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the *Supplementary Retirement Benefits Act*, R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the *Canadian Forces Superannuation Act*, R.S., 1985, c. C-17, the *Defence Services Pension Continuation Act*, 1970, c. D-3, the *Royal Canadian Mounted Police Pension Continuation Act* , 1970, c. R-10, and the *Royal Canadian Mounted Police Superannuation Act*, R.S., 1985, c. R-11, the *Members of Parliament Retiring Allowances Act* , R.S. 1985, c. M-5, and that portion of pension payable to the *Canada Pension Plan Act*, R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Offeror a FPS in receipt of a pension?

YES (_____) **NO** (_____)

If so, the Offeror must provide the following information, for all FPS in receipt of a pension, as applicable:

a. name of former public servant;
b. date of termination of employment or retirement from the Public Service.

By providing this information, Offerors agree that the successful Offeror's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

Work Force Adjustment Directive

Is the Offeror a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive?

YES (_____) **NO** (_____)

If so, the Offeror must provide the following information:

a. name of former public servant;
b. conditions of the lump sum payment incentive;
c. date of termination of employment;
d. amount of lump sum payment;
e. rate of pay on which lump sum payment is based;
f. period of lump sum payment including start date, end date and number of weeks;
g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is $5,000, including Applicable Taxes.

PART 6 - FINANCIAL CAPABILITY

1. Financial Capability

SACC Manual Clause M9033T (2011-05-16), Financial Capability

2. Insurance Requirements

The Offeror must provide a letter from an insurance broker or an insurance company licensed to operate in Canada stating that the Offeror, if issued a standing offer as a result of the request for standing offer, can be insured in accordance with the Insurance Requirements specified in Annex C.

If the information is not provided in the offer, the Standing Offer Authority will so inform the Offeror and provide the Offeror with a time frame within which to meet the requirement. Failure to comply with the request of the Standing Offer Authority and meet the requirement within that time period will render the offer non-responsive.

PART 7 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

1.1 Offer

The Offeror offers to fulfill the requirement in accordance with the Statement of Requirement at Annex "A".

1.2 Additional Tests

Canada may choose to add tests to the Statement of Requirement if and when an Extension Period is authorized. Canada will solicit offers for the new tests from existing Standing Offer Holders of the applicable food group only.

An offer must meet the requirements indicated in the solicitation to be considered for revision to the Offeror's existing Standing Offer. Offers will be subject to technical and financial evaluation and verification by Canada as applicable in accordance with solicitation 39903-150123. If an offer for additional tests does not meet the requirements indicated in the solicitation, the Standing Offer will not be revised to add the new tests.

The offer submission periods for the Additional Tests are estimated for the months of November-December before the Extension of Standing Offer periods (see section 3.2 below). Offerors will be given approximately six (6) months notice to allow Offerors an opportunity to get accredited for these additional tests. It is not mandatory for an Offeror to submit an offer for Additional Tests.

The maximum number of tests that may be added over the duration of the standing offer and optional extension periods will not exceed four (4) tests per food group.

2. Standard Clauses and Conditions

All clauses and conditions identified in the Standing Offer and resulting contract(s) by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

2.1 General Conditions

2005 (2014-09-25) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

2.2 Standing Offers Reporting

2.2.1 Periodic Usage Reports – Standing Offer

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer.

The following information is to be provided for each call-up made pursuant to this Standing Offer:

Call-up Number	Issue Date of Call-Up	Call-Up Expiry Date	Name of Identified User	Call-up Total Value (GST/HST) extra	Value expended to date

If no goods or services are provided during a given period, the Offeror must still provide a "nil" report.

The data must be submitted on a semi-annual basis to the Public Works and Government Services Canada (PWGSC) Standing Offer Authority.

The semi-annual reporting periods are defined as follows:

- 1st period: April 1 to September 30;
- 2nd period: October 1 to March 31.

The data must be submitted to the Standing Offer Authority no later than fifteen (15) calendar days after the end of the reporting period.

3. Term of Standing Offer

3.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is from April 1, 2015 to March 31, 2018.

3.2 Extension of Standing Offer

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for an additional two (2) twenty-four (24) month period(s), under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority ten (10) days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

4. Authorities

4.1 Standing Offer Authority

The Standing Offer Authority is:

Brooke Taylor
Supply Team Leader
Public Works and Government Services Canada
Acquisitions Branch
Science Procurement Directorate
11C1, Phase III
Place du Portage
11 Laurier Street
Gatineau, Québec
K1A 0S5

Telephone: (819) 956-1674
Facsimile: (819) 997-2229
E-mail address: Brooke.Taylor@tpsgc.pwgsc.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Contracting Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

4.2 Technical Authority

The Technical Authority for the Standing Offer is:

(*will be named under the resulting Standing Offer*)

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____- _____-_____
Facsimile: _____- _____-_____
E-mail address: _____

The Techncial Authority for the Standing Offer is identified in the call-up against the Standing Offer.

The Technical Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up against the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.

4.3 Offeror's Representative

(*will be named under the resulting Standing Offer*)

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____- _____-_____
Facsimile: _____- _____-_____
E-mail address: _____

5. Proactive Disclosure of Contracts with Former Public Servants (if applicable)

By providing information on its status, with respect to being a former public servant in receipt of a *Public Service Superannuation Act* (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada

6. Identified Users

The identified User authorized to make call-ups against the Standing Offer is: Canadian Food Inspection Agency (CFIA).

7. Call-up Procedures – Method of Allocation

The identified user will determine where the samples will be sent based on:

Decision Criterion # 1: Number of Tests Offered

In determining which Offeror qualifies for the work of testing a particular sample, it is more cost effective and desirable from a consistency of quality point of view for the CFIA to minimize splitting the work by giving the sample to the Offeror which can offer either all or most of the accredited tests for a particular sample.

Decision Criterion # 2: Highest Overall Total Score

If more than two (2) Offerors can offer all or most of the accredited tests, the Work will be divided among the Offerors as follows:

Number of Qualifying Offerors	Distribution of Samples based on Ranking (%)				Total
	First	Second	Third	Fourth	
FOUR	55 %	20 %	15 %	10 %	100 %
THREE	60 %	25 %	15 %		100 %
TWO	70 %	30 %			100 %
ONE	100 %				100 %

The ranking of Offerors will be based on the highest Overall Total Score for the applicable Food Group.

When more than one Offeror has the same Overall Total Score, the Offeror with the lowest price will be ranked higher.

8. Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form *PWGSC-TPSGC 942, Call-up Against a Standing Offer.*

9. Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed $400,000.00 (Applicable Taxes included). For call-ups above $400,000.00, Public Works Standing Offer Authority approval will be required prior to issuing the call-up.

10. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

a) the call up against the Standing Offer, including any annexes;
b) the articles of the Standing Offer;
c) the general conditions 2005 (2014-09-25), General Conditions - Standing Offers - Goods or Services;
d) the general conditions 2035 (2014-09-25), General Conditions - Higher Complexity - Services;
e) Annex A, Statement of Requirement;
f) Annex B, Basis of Payment;
g) Annex C, Insurance Requirements
h) the Offeror's offer dated _____, as clarified on_____ *(to be included in any resulting standing offer).*

11. Certifications

11.1 Compliance

The continuous compliance with the certifications provided by the Offeror with its offer and the ongoing cooperation in providing associated information are conditions of issuance of the Standing Offer (SO). Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO. If the Offeror does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Offeror in its offer is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and set aside the Standing Offer.

11.2 SACC Manual Clauses

SACC Manual Clause M3060C (2008-05-12), Canadian Content Certification

12. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____.

B. RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

1. Statement of Requirement

The Contractor must perform the Work described in the call-up against the Standing Offer.

2. Standard Clauses and Conditions

2.1 General Conditions

The general conditions 2035 (2014-09-25), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.

3. Term of Contract

3.1 Period of the Contract

The Work must be completed in accordance with the call-up against the Standing Offer.

4. Proactive Disclosure of Contracts with Former Public Servants (if applicable)

By providing information on its status, with respect to being a former public servant in receipt of a *Public Service Superannuation Act* (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada.

5. Payment

5.1 Basis of Payment

The Basis of Payment attached hereto as **Annex "B"** shall be used to price any call-up made pursuant to this Standing Offer.

(a) For a Firm Price Call-up: In consideration of the Contractor satisfactorily completing all of its obligations under the call-up, the Contractor will be paid the firm unit prices stipulated in the call-up, calculated in accordance with Annex "B".

No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Specifications will be authorized or paid to the Contractor unless such design changes, modifications or interpretations have been approved, in writing, by the Standing Offer Authority prior to their incorporation into the Work. Goods and Services Tax/Harmonized Sales Tax extra, if applicable.

5.2 Method of Payment

Depending on the method of payment specified in each individual call-up, one of the following two clauses will apply:

5.2.1 Lump Sum Payment

1. One lump sum payment shall be made following delivery and acceptance of the Work.

2. Payment by Canada to the Contractor for the Work shall be made within:

(a) thirty (30) days following the date on which all of the Work has been delivered at the delivery point specified in the call-up (or at the delivery point specified in the Standing Offer, if no specific instructions are provided in the call-up), not the ultimate destination, and all other Work required to be performed by the Contractor under the terms of the call-up has been completed; or

(b) thirty (30) days following the date on which an invoice and substantiating documentation are received according to the terms of the call-up and the Standing Offer;

whichever date is the later.

3. If Canada has any objection to the form of the invoice or the substantiating documentation, within fifteen (15) days of its receipt, Canada shall notify the Contractor of the nature of the objection. "Form of the invoice" means an invoice which contains or is accompanied by such substantiating documentation as Canada requires. Failure by Canada to act within fifteen (15) days will only result in the date specified in subsection 2 of the clause to apply for the sole purpose of calculating interest on overdue accounts.

- or -

5.2.2 Monthly Payment

Canada will pay the Contractor on a monthly basis for work performed during the month covered by the invoice in accordance with the payment provisions of the Contract if:

(a) an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;

(b) all such documents have been verified by Canada;

(c) the Work performed has been accepted by Canada.

6. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

Each invoice must be supported by a copy of the release document and any other documents as specified in the Contract.

2. Invoices must be distributed as follows:

(a) An electronic copy to the Technical Authrority identified in the resultant Standing Offer for certification and payment; and

(b) An electronic copy to be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

7. Insurance – Specific Requirements

The Contractor must comply with the insurance requirements specified in Annex C. The Contractor must maintain the required insurance coverage for the duration of the Contract.

Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors, coverage must be placed with an Insurer with an A.M. Best Rating no less than “A-”. The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

ANNEX "A"

STATEMENT OF REQUIREMENT

Title

Multiple National Individual Standing Offers for Chemical Residue Testing in and on Food Products for Canadian Food Inspection Agency (CFIA)

1. Definitions And Terminology

Analytical Method	Method offered by Offeror in its Standard Operating Procedure (SOP) for a chemical residue of interest to CFIA.
CALA	Canadian Association for Laboratory Accreditation Inc
CFIA	Canadian Food Inspection Agency
Chemical Residue of Interest to CFIA	Appendix 1 to this Annex, lists chemical residues of interest to CFIA. Each residue must meet or exceed the criteria in the Offeror's analytical method in its Standard Operating Procedure.
Food group	There are 6 distinct food groups: (1) dairy, (2) eggs, (3) honey, (4) meat, including fish where the Residue of Interest is analysed under QMPI, (5) fresh fruit & vegetables and (6) processed products.
LOQ	Limit of Quantitation in parts per million (µg/g)
MRL	Maximum Residue Limits
NCRMP	National Chemical Residue Monitoring Program
QMPI	Quality Management Program for Importers
SCC	Standards Council of Canada
Sensitivity Level	Limit of Detection (LOD) in parts per million (µg/g) or parts per billion (ng/g)
SOP	The standard operating procedure for laboratory testing that an Offeror provided in its offer for a particular CFIA chemical residue of interest. Note that this term is used to describe the detailed analytical method and quality assurance criteria associated with the laboratory method.
Test Accreditation	The formal recognition by the SCC Program Specialty Area for Agriculture and Food Products (PSA-AFP) or CALA of the capability of a laboratory to perform a specific list of tests in specialty areas.
Trace Contaminant Analyses Group	Detection limits and where applicable, analytes, are listed in the Attachments to Appendix 1 to Annex A.

2. Objective

On an “as and when requested” basis, Offerors shall provide testing for chemical residue contaminants in or on food (Note - "food" is as defined in the Food and Drugs Act) for the Canadian Food Inspection Agency (CFIA) in accordance with Chemical Residues of Interest to CFIA Requirements which are listed in Appendix 1 to this Annex. Samples are collected by CFIA inspectors or third party samplers from across Canada.

Analytical testing services must be performed in a laboratory accredited under the Standard Council of Canada (SCC) under Program Specialty Area for Agriculture and Food Products (PSA-AFP) or the Canadian Association for Laboratory Accreditation (CALA).

Further information on the accreditation process may be found at the following websites:

(a) SCC - http://www.scc.ca/en/about-scc/publications/criteria-and-procedures/laboratory-accreditation
(b) CALA - http://www.cala.ca/accred_program.html

3. Background

The chemical residue surveillance programs of the CFIA consist of several well-defined testing components, www.inspection.gc.ca/english/fssa/microchem/terme.shtml. The majority of residue testing falls under four of these components:

1) Monitoring Program – probes the food supply for potential contamination and is managed under the National Chemical Residue Monitoring Program (NCRMP)
2) Targeted Surveys – pilot surveys that test for the potential occurrence of particular hazards in specific commodity types and/or geographical areas
3) Directed Sampling – focuses on identified chemical contamination issues
4) Compliance Sampling – seeks removal of food in violation of standards from the marketplace.

The Standing Offers provide analytical testing support for the monitoring portion of the CFIA surveillance activities.

The National Chemical Residue Monitoring Program (NCRMP) of the CFIA has been in place since 1978. The program allows for continued consumer confidence in food safety by providing up to date information on residue levels in the food supply. The data collected is evaluated to determine both immediate and potentially long term risks to consumers. The identification of products in violation of Canadian standards allows the CFIA to undertake directed interventions and follow up inspections with producers to ensure compliance. Health Canada uses the data collected to establish new standards and monitor the appropriateness of those already in place.

The NCRMP consists of a statistically randomized sampling plan and schedule, the Annual Sampling Plan (see “Responsibility of Canada” below), which is developed by the CFIA Food Safety Division. Sampling and testing resources are allocated based on potential risk. As such, food items consumed in greater quantities by Canadians, those that are more contaminated or those contaminated with more toxic components are sampled and tested in the greatest quantities. Foods posing a lesser risk are sampled at a lower frequency and may not be included in the monitoring program every year. The sampling schedule identifies to CFIA inspection staff the time and place that a sample is to be taken as well as the accredited laboratory which is to receive and test the sample.

Data generated by the residue testing is crucial in establishing the safety of the food supply and provides the support for the continued acceptance of foods from Canada in the international marketplace. To this end, test results and testing plans are shared annually with responsible officials in other nations which accept Canadian exports. The NCRMP requires that both imported and domestic foods are tested and held to the same high standards for compliance.

The direct impact of testing on the health and safety of consumers, as well as international trade, makes it essential that Offerors strictly adhere to all quality assurance criteria.

4. Scope

4.1. On an “as and when requested” basis, the Offeror must provide testing for chemical residue contaminants of foods, food crops and tissues of food animals for the Canadian Food Inspection Agency (CFIA) in accordance with analytical methods and standard operating procedures (SOP) accredited by the SCC in the Program Specialty Area for Agriculture and Food Products, http://www.scc.ca/Asset/iu_files/criteria/1587_e.pdf or under CALA.

4.2. Each Offeror must maintain current Standard Operating Procedures (SOP) for any of the analytical areas of testing covered by its standing offer. A copy of a revised SOP must be transmitted by the Offeror to the Technical Authority or designate, within ten (10) days, whenever an update occurs. The analytical methodology to be used in the testing services provided by the Offeror must be as described in the Offeror’s SOP(s). In turn, the Offeror’s SOP must be based upon but need not be identical to the analytical references provided by the CFIA. The references are cited by name in Appendix 1 to this annex.

4.3. The required laboratory "turnaround time" must be no more than twenty (20) working days unless otherwise indicated in Appendix 1 to ANNEX "A". The laboratory "turnaround time" is the period from the delivery of the Standing Offer call-up to the Offeror’s laboratory until the reporting of the test results by the Offeror back to the CFIA in accordance with “Reporting of Results” below. Since samples are delivered to the Offeror prior to the issuance of a call-up by the CFIA, the time from sample reception by the Offeror until the issuance of the call-up does not count towards the permitted "turnaround time".

4.4. For some laboratory techniques, specific reference methods are not provided by the CFIA. This occurs for several reasons including:

4.4.1. the test is “off the shelf” such as part of a manufacturer’s kit;
4.4.2. the test is widely available in scientific literature and many approaches will be acceptable (i.e. metals & elements); or
4.4.3. the test requires such sensitivity that the Offeror must have flexibility to broadly tailor the approach in order to achieve the required detection limits (ie. Benzopyrene and other PAH by MS detection, Dioxin TEQ in fatty foods and Trace PCB in fatty foods).

4.5. After all the required testing on a specific sample has been completed and reported, the Offeror’s laboratory must continue to hold any remaining sample material under frozen conditions to prevent spoilage for an additional ninety (90) calendar days. This is necessary to allow re-testing of the sample in case of a dispute about the validity of initial finding. After ninety (90) days, if no additional action has been requested by the CFIA, the remaining sample portions may be disposed of in accordance with the applicable federal, provincial and municipal laws and regulations.

5. Tasks/Technical Specifications

5.1. Upon receipt of the samples the Offeror will perform the work as specified in the Call-up. The services will include, but are not limited to the following:

5.1.1. compare the details on the sample submission form against a sample plan;
5.1.2. document any deviations whatsoever from the sample plan and report deviations to the Technical Authority or Designate within fourty-eight (48) hours;
5.1.3. obtain clarification on samples with deviations from the Technical Authority or Designate prior to any analysis;
5.1.4. analyse the samples for the tests in the sample plan as per the specifications provided in Appendix 1 of Annex A
5.1.5. In the absence of specific instructions in Appendix 1, results requiring confirmation are all those producing quantitative values, which are greater than 80% of the level of the current Canadian maximum residue limits (MRL). In the case where there is no Canadian MRL, the sample will be confirmed when the following criteria is met:
5.1.5.1. Pesticides: All results that are greater than 0.08 µg/g.
5.1.5.2. Veterinary Drugs: All results that are above the stated LOQ of the Laboratory SOP .
5.1.6. Confirmation must include a minimum of one repeated result that the laboratory has processed from the original material submitted if the method used is the same as the original test. If the confirmation method is different than the original test, there must be a minimum of two repeated results. Any positive sample result that meets the above criteria must not be reported without a minimum of two corroborating quantitative results.
5.1.7. All confirmed results must meet the requirements under 5.2 where applicable.
5.1.8. Confirmed samples results, which are over the Canadian MRL, must be reported to the Technical Authority via email within twenty four (24) hours of being confirmed. This is essential for the initiation of follow up actions on the part of the CFIA.
5.1.9. All reported results must be the average of the results obtained where they cannot be excluded through a statistical test.

5.2. Acceptable Mass Spectral Confirmation Procedures

5.2.1. Offerors must provide valid mass spectral confirmation procedures acceptable to the Technical Authority. These may be based either on the suggestions in the CFIA references or developed on the Offeror's initiative. Suitable mass spectral confirmation criteria and approaches can be found in the Official Journal of the European Communities, "COMMISSION DECISION of 12 August 2002 implementing Council Directive 96/23/EC concerning the performance of analytical methods and the interpretation of results" http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2002:221:0008:0036:EN:PDF

5.2.2. If a laboratory has undertaken to incorporate Gas Chromatography/Mass Spectrometry (GC/MS) or Liquid Chromatography/Mass Spectrometry (LC/MS) instrumental determination and quantitation techniques into their analytical SOP through a modification of the determinative step, then no additional confirmation will be required provided that the MS technique provides a minimum of 4 identification points as elaborated in Council Directive 96/23/EC (above). This does not preclude the requirements stated in 5.1.6 above.

5.3. The Reporting of Results

5.3.1. The Offeror must provide a monthly results report to the Technical Authority as specified in section 8. Deliverables.

5.3.2. Results must be reported electronically. Files must be provided in Microsoft Office compatible format, preferably in Access, or Excel to be reconcilable with the CFIA's computer systems. The results are to be reported in batches at intervals of either

two (2) weeks or one month depending on the volume of data generated. Each Result Report should not exceed 5000 lines

5.3.3. The Analyte reported is to be presented as indicated under “Analytes” in Appendix I.

5.3.4. Results in violation of the current Canadian standard must be reported immediately upon confirmation.

5.3.5. Numerical results must be reported to the significant figures commensurate with the SOP for all levels greater than the detection limits cited in the SOP for the analytical method being used. Unless otherwise specified, the units for the reported values are to be in parts per million: i.e. µg/g, mg/kg, or mg/L. When the analyte is not confirmed by an unambiguous confirmatory technique, then the numerical value is designated as “unconfirmed.” Whenever the analyte is absent (ie. levels less than the detection limit for the method), the result is reported numerically as zero, "0".

5.3.6. Reports of analyses (RoA) are rarely required, but the Offeror must be prepared to print hard copies of the RoA if requested. Any request for hard copies of RoA is not expected to exceed one dozen per year.

5.4. Every six months, the Offeror must provide the Standing Offer Authority with a usage report showing a listing of the type and price of samples tested as well as the total number and total price during the previous six month period and also cumulatively for the period since the authorization of the Standing Offer.

5.5. The Technical Authority or Designate will retain the controlled copy of the SOP submitted with the Offeror’s bid. All updates to SOPs made by the Offeror’s Laboratory must be provided to the Technical Authority or Designate within ten (10) business days of the revision.

6. Responsibility of Canada

6.1. The Technical Authority will provide an Annual Sampling Plan in support of the NCRMP of the CFIA. The Plan will provide estimates to the Offeror of the commodity types that are planned for submission to their facilities during the year, the time of year that each sample is planned to be provided and the required tests on the submissions received. The Plans must not be construed as contracts or call-ups, are subject to change and will form the basis of any call-ups issued under this Standing Offer. The level of services in any Annual Sampling Plan is only an approximation of requirements given in good faith.

6.2. The CFIA will be responsible for the delivery of samples by prepaid courier or otherwise to the Offeror’s laboratory facility. The Offeror will be informed of all the specific tests required to be carried out on each sample submitted. Generally speaking, each sample will require a unique set of tests identified in advance by the CFIA and relayed electronically to the Offeror. These test requirements will be provided to the Offeror shortly after the identification of successful Offerors for the initial federal government fiscal year of 2015/2016, and on or before April 1st of subsequent years. The scheduled samples will be submitted to the Offeror throughout the year according to the estimated predetermined schedule.

6.3. Offerors are advised that the Annual Sampling Plan may include samples which for specific reasons, beyond the control of the CFIA, are unavailable for delivery during the year. For example a slaughter establishment may be closed down by company officials

or a crop failure may reduce imports from certain countries. Under these circumstances, the samples scheduled for submission to an Offeror laboratory may not materialize and call-ups will be adjusted to reflect this lack of sample submissions. In addition, a change in the priorities of CFIA could affect the estimated level of sample delivery.

7. Constraints

7.1. Proficiency check sample programs are mandatory for the food groups listed below:

7.1.1. Offerors with Standing Offers containing test(s) in one or both of the fresh or processed fruit & vegetable products food groups, must participate in the Association of Official Analytical Chemists (AOAC) Laboratory Proficiency Testing Program, **P01 Pesticide Residues in Fruits & Vegetables** www.aoac.org/proficiencytesting/2009_enrollment.pdf

7.1.2. Offerors with Standing Offers containing test(s) from any of the three food groups: meat, dairy and egg must participate in the program from the Proficiency Testing Unit/Centre for Veterinary Drug Residues/CFIA Saskatoon Laboratory. Information pertaining to enrollment in this program is available from Bryn Shurmer, E-mail: bryn.shurmer@inspection.gc.ca

7.1.3. Offerors with Standing Offers containing tests for Persistent Organic Pollutants (POPs) must participate in the Interlaboratory Comparison on Dioxins in Food organised by the Department of Exposure and Risk Assessment, Norwegian Institute of Public Health, Oslo, Norway. More information can be found at http://www.fhi.no

7.1.4. For the remaining food groups, for quality control reasons, it is strongly recommended that each Offeror seek out and participate in proficiency check sample programs during the period of its Standing Offer.

7.1.5. The Offeror's laboratory must provide the Technical Authority with the feedback reports received from the proficiency testing program administrators. If the feedback report does not identify the Offeror's laboratory except by a code, the laboratory must indicate the code that refers to their laboratory to the Technical Authority.

7.2. The Technical Authority may, at its discretion, randomly submit blind check samples as part of the sample plan. The identity of these samples will be unbeknownst to the Offeror for quality control reasons. These samples will be used as a proficiency indicator of the Offeror. In the event of an unsatisfactory test determination, the Technical Authority will notify the Offeror to initiate an investigation and report on the aberration.

7.3. Samples may be submitted and assigned testing under any combination of the following Chemical Residues of Interest: EBDC(CS2), EBDC(EDA) and EBDC(ETU). Results for these tests must be reported together within each monthly report as described under section 8. Deliverables.

7.4. Any subcontracting is subject to the prior written consent of the Standing Offer Authority (PWGSC), and must conform to subcontracting criteria of the accrediting body.

7.5. All data and information generated from this testing is considered to belong to the CFIA. Third party access to the findings, records or data of preliminary or final test result information on the CFIA testing must not be permitted. Results are only to be released either to the Technical Authority, or a Canadian Food Inspection Agency (CFIA) employee designated by the Technical Authority. Use of any part of the information

provided with the samples, in whole or in part for any purpose without the expressed written consent of the Technical Authority is strictly prohibited.

7.6. Any breach of security involving data systems containing information or data belonging to CFIA must be reported to the Technical Authority within twelve (12) hours of the breach being identified by the Offerors' IT department. Within thirty (30) days of the security breach, a report identifying the details of the security breach, corrective actions taken, the information that was affected will be sent to the Technical Authority. Where the report details cannot be completed or be available prior to these thirty (30) days, the deadline for the report may be extended with the written permission of the Technical Authority

7.7. Inspection Of Facilities

7.7.1. During the period of the Standing Offer, representatives of the CFIA or agents of Canada may conduct a facilities evaluation to verify that the technical capabilities, security status, and human and material resources of the Offeror are carried out as required by the Standing Offer and any resultant contracts. For example, turnaround times, reporting requirements, confirmatory testing decisions and procedures, and data management criteria will be verified. Under normal circumstances, such evaluations will occur annually, but may be scheduled more frequently if problems are identified.

7.7.2. The National Chemical Residue Monitoring Program (NCRMP) is audited by representatives of Health Canada [paragraph 11(4) of the Canadian Food Inspection Agency Act], the Auditor General of Canada and foreign countries (Meat Inspection Act). To the extent that participating laboratories undertake testing in support of the residue program, the Offerors must agree to submit to and participate fully in such inspections and audits as they occur.

7.8. Sample Turnaround Times

7.8.1. Notwithstanding the stated turnaround times in Appendix I, all assigned tests for each sample must be completed within a maximum of one hundred twenty (120) calendar days of reception of the sample. Tests analyzed after this time will be rejected and the Government of Canada will not be responsible for any costs incurred for the tests.

7.8.2. Notwithstanding the above, all results must be reported to the Technical Authority or Designate within an additional thirty (30) days or a maximum of one hundred fifty (150) days of sample reception.

7.9. The Technical Authority or Designate may request review of results for reasons that may include anomalous results or violative values. The laboratory must review all records for quality assurance/control to ensure the reported result is consistent and representative of the sample. The review must be completed and a response provided within thirty (30) calendar days of the original request

7.10. Where the review uncovers a deviation within the laboratory quality system, a corrective action report (CAR) must be opened and a completed report must be provided to the Technical Authority or Designate within ninety (90) calendar days.

8. Deliverables

8.1. The Offeror will deliver final analytical data for samples submitted for analysis, to the Technical Authority identified in the Call-up, for review and acceptance.

8.2. Reports must be submitted in Microsoft Office Format to be compatible with the CFIA's computer systems and programs, preferably in Excel or Access format;

8.3. The submitted reports must use the field names as indicated in **bold** below, with no exceptions;

8.4. Report#1 (Samples Received). This is to contain the following information for all samples received for this project for the month: ie, for the March Report (to be submitted by April 10), all the samples received by the Offeror; up to, and including the last day of March. The filename must be in the format "{*lab_identifier*}_SamplesReceived_{*yyyymmdd*}.{*ext*}"

8.4.1. **SAMPLE_NO** – The sample number identified on the sample submission form. This should correlate with an equivalent sample number in the sample plan to be provided.

8.4.2. **Region** – This is identified in the sample plan and should reflect the locale the sample was sampled on the submission form.

8.4.3. **Commodity** – This must be dairy, egg, meat, honey, fresh or processed depending on the sample.

8.4.4. **DOM_IMP** – This must be either Domestic or Imported depending on the source of the sample.

8.4.5. **Origin** – This is a three letter country code that matches the country of origin for the sample. A table of the country codes to use will be provided to the successful Offeror.

8.4.6. **Plan_Code** – This is provided in the sample plan for each sample.

8.4.7. **ProductType** – This is provided in the sample plan for each sample.

8.4.8. **Sample_Type** – This is a description or common name of the sample, to be filled in by the Offeror. In the case of any ambiguity, the Technical Authority or designate will be consulted. For veal samples, please indicate whether it is red (grain- or grass-fed) or white (milk-fed).

8.4.9. **EST_NO** – This information is to be filled in where the information is available on the submission form.

8.4.10. **DateSample** – Date the sample was picked up, this should be on the submission form.

8.4.11. **DateRecd** – The date the sample is received by the Offeror Laboratory.

8.4.12. **LabNo** – The number assigned and used by your lab.

8.4.13. **LabCode** – This code will be assigned to the Offeror Laboratory by CFIA to be used on all reports.

8.4.14. **Insp_No** – Where available, the id number of the submitting inspector.

8.4.15. **Comment** – report any deviations of the sample from the sample plan, such as change of country of origin, region is different, guidance provided by the Technical Authority or designate, etc.

8.5. Report#2 (Results). This is to contain the following information for all results reported for the month: The filename must be in the format "{*lab_identifier*}_Results_{*yyyymmdd*}.{*ext*}"

8.5.1. **SAMPLE_NO** – See Report#1 above.

8.5.2. **Commodity** – See Report#1 above

8.5.3. **Program** – The name of the CFIA Program which the test falls under and is identified in the Sample Plan, this will be the Chemical Residues of Interest to CFIA as identified in Appendix 1 to Annex "A"

8.5.4. **Analyte** – The name of the analyte being tested, as described in the Criteria for each test in Appendix 1 to Annex "A".

8.5.5. **Amount** – The amount of the analyte determined in µg/g, unless otherwise specified

8.5.6. **DateAnalysed**: Date testing is complete and finalized in the lab

8.5.7. **DateRept** – The date the result is reported

8.5.8. **DateCallup**- The date of the call up for the particular analysis. This will be the date the Offeror receives the call up authorization for the testing and forms the basis for the “turnaround time” as specified in the Scope.

8.5.9. **ResultsComment** – Include any comments worth noting regarding the analysis or result.

Appendix 1 to ANNEX "A"

Chemical Residues of Interest to CFIA

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
Part A										
ALAR	Pest Management Regulatory Agency method: P-RE-057-97(1)-AMO	Daminozide is converted to UDMH, which is distilled from the sample. The UDMH is derivatized with salicylaldehyde and the resulting hydrazone is analyzed by GC/MS/SIM.	The SOP must include an alkaline hydrolysis step to convert daminozide and its metabolites to unsymmetrical dimethylhydrazine (UDMH).	Fresh F&V Honey	Daminozide	0.01	0.04	Further confirmation of the analytical result is not required for this test.	20	The “ANALYTE” is to be reported as “Daminozide” and the numerical value as the “AMOUNT” in µg/g
AMITRAZ	CFIA Calgary Method: CSP-006-v1.0	Amitraz and its metabolites are converted to 2,4-dimethylyaniline, which is then extracted by iso-octane. The 2,4-dimethylyaniline is derivatized with heptafluorobutyric anhydride and analyzed by GC/ECD detection	The SOP must include an acid hydrolysis step to convert amitraz and its metabolites to 2,4-dimethylyaniline for quantitation as amitraz.	Fresh F&V Honey	Amitraz	0.01	0.1	See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Amitraz” and the numerical value as the “AMOUNT” in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
BACITRACIN	CFIA Saskatoon Method: BAC-SP01	Sample is homogenized in acidic methanol-water and centrifuged. The eluate is cleaned up by SPE. Instrumental analysis for bacitracin A is by LC/MS detection.	The SOP must include the use of an acid and dithizone solution to prevent the chemical degradation of the bacitracin.	Dairy Egg Meat (liver, muscle)	Bacitracin A	0.05	0.1	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Bacitracin A” and the numerical value as the “AMOUNT” in µg/g
B-AGONISTS	CFIA Saskatoon Method: CVDR-M-3021	Homogenized tissue is treated with protease, centrifuged acidified and washed with methylene chloride/hexane. Supernatant pH is adjusted, extracted with mixed organic solvent, concentrated and extracted by SPE. Eluant is concentrated and instrumental analysis is by LC/MS/MS	The SOP must include a tissue digestion step using an enzymatic digestion using the protease specified in the reference method.	Dairy Egg Meat (liver and muscle)	Brombuterol cimaterol clenbuterol clenpenterol hydroxyclenbuterol isoxsuprine, mabuterol ritodrine salbutamol terbutaline tulobuterol	0.0005	0.002	All positive >0.02 µg/g ractopamine in bovine and swine and those positives >0.01 µg/g in poultry(turkey) must be confirmed and quantitated using the method for Free ractopamine.. In the event the Offeror does not offer the Free ractopamine method, they can still qualify for meat of species other	15	The “ANALYTE” is to be reported as “B-Agonists Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g In the event that free ractopamine is tested and reported, the total “ractopamine” as determined by the CVDR-M-0321 will not
	CFIA Saskatoon Method: CVDR-M-	Free Residues of B-agonists are extracted			Ractopamine zilpaterol	0.0001	0.0005			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
	3033.01 or USDA FSIS CLG-AGON1.05 http://www.fsis.usda.gov/wps/wcm/connect/c4a34027-7084-49c5-a16c-663b35ebab1e/CLG-AGON1.pdf?MOD=AJPERES may be accepted if the Offeror can demonstrate equivalency with validation data	with a mixture of acetonitrile and isopropanol. Salts are used to precipitate proteins and dehydrate the extract, which is evaporated, reconstituted, filtered and analysed by Lc-MS/MS **Note** this can be used as an alternative to the method reference CVDR-M-3021			OPTIONAL: Clenproperol Fenoterol Formoterol mapenterol metaproterenol		0.003	than bovine, swine and turkey. All positive > 0.0025 µg/g zilpaterol in bovine must be confirmed and quantitated using the method for free zilpaterol. In the event the Offeror does not offer the Free zilpaterol method, they can still qualify for meat of species other than bovine. Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications		be reported, and the “free ractopamine” will be reported in its place. In the event that free zilpaterol is tested and reported, the total “zilpaterol” as determined by the CVDR-M-0321 will not be reported, and the “free zilpaterol” will be reported in its place.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
Free Ractopamine	CFIA Saskatoon method: CVDR-M-3028.02 USDA FSIS CLG-AGON1.05 http://www.fsis.usda.gov/wps/wcm/connect/c4a34027-7084-49c5-a16c-663b35ebab1e/CLG-AGON1.pdf?MOD=AJPERES may be accepted if the Offeror can demonstrate equivalency with validation data	Ractopamine is extracted from bovine liver with methanol. An aliquot of the extract is evaporated, borate buffer is added, and ractopamine is extracted into ethyl acetate by liquid/liquid partition. The ethyl acetate extract is further purified by passing it through an acidic alumina solid phase extraction column. Ractopamine is eluted from the column with methanol. The methanol extract is evaporated to near dryness, then dissolved in dilute formic acid, filtered and analyzed for ractopamine using high performance liquid chromatography (HPLC) with tandem mass spectrometric detection.	SOP must include a step that does not allow the sample to evaporate to dryness	Meat (liver and muscle)	Free ractopamine	0.001	0.005	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	15	See above in B-AGONISTS

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
Free Zilpaterol	Determinative Procedure for zilpaterol Residue in Bovine Liver and muscle, version 8 USDA FSIS CLG-AGON1.05 http://www.fsis.usda.gov/wps/wcm/connect/c4a34027-7084-49c5-a16c-663b35ebab1e/CLG-AGON1.pdf?MOD=AJPERES may be accepted if the Offeror can demonstrate equivalency with validation data	Zilpaterol hydrochloride residue is extracted into a basic solvent where the hydrochloride dissociates to the free base. Extract is purified on a SPE column and evaporated to dryness. The residue is reconstituted and analyzed by HPLC-Fluorescence		Meat (liver and muscle)	Free zilpaterol		0.002	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	15	See above in B-AGONISTS
BENZIMIDAZOLES	FSIS Method BNZ-6	The sample is extracted with ETOAc. Solution is evaporated to dryness, washed with solvent to remove fat, before residue is dissolved in mobile phase for instrumental HPLC/UV detection		Dairy Egg Meat (liver, muscle)	Thiabendazole 5-hydroxy-thiabendazole 2-aminosulphone albendazole sulfoxide Albendazole sulphone Oxfendazole Mebendazole Cambendazole Fenbendazole Carbendazim	0.005	0.005	Confirmation using an LC/MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Benzimidazoles Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					OPTIONAL: fenbendazole sulfone (Meat) fenbendazole sulfoxide (Dairy) levamisole albendazole flubendazole oxibendazole	0.002				
CARBADOX	CFIA Saskatoon method: CVDR-M-3015.05	Samples are digested with formic acid to deactivate natural enzymes. Following overnight hydrolysis with protease the sample is acidified centrifuged and filtered	The SOP must include a step for digested with formic acid to deactivate natural enzymes and another for overnight enzymatic hydrolysis.	Meat (liver & muscle)	Desoxycarbadox	0.00005	0.00005	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	10	The “ANALYTE” is to be reported as “Carbadox Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g
					QCA MQCA	0.0005	0.0005			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
CARBAMATES	None provided			Dairy Egg Meat (liver & muscle)	3-OH Carbofuran Aldicarb Aldicarb Sulfone Aldicarb sulfoxide Bendiocarb Bufencarb Carbaryl Carbofuran Dioxacarb Isoprocarb Methiocarb Methiocarb Sulfoxide Methomyl Oxamyl Promecarb Propoxur	0.005	0.01	Confirmation using an LC/MS technique is required. See Tasks/Technical Specifications	15	The “ANALYTE” is to be reported as “Carbamates Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g
CEFTIOFUR	CFIA Saskatoon method: CEF-SP07 CFIA Calgary Method: ACC-073v1.1	Sample is incubated in a solution where ceftiofur and metabolites convert to a common moiety. This is derivatized to DCA. Clean-up involves SPE Instrumental analysis is by gradient LC/UV detection.	The SOP must include a step for incubation in a solution of dithioerythritol (DTE) in order to cleave ceftiofur and its metabolites to a common moiety and derivatized to DCA.	Dairy Egg Meat (muscle & kidney for all species except poultry; muscle only for poultry)	desfuroylceftiofuracetamide (DCA) .	0.05	0.075	Confirmation using an LC/MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “ desfuroylceftiofuracetamide and the numerical value as the “AMOUNT” in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
CHLORINATED PHENOLS	CFIA Saskatoon method: PCP-SP08	Acidified sample is extracted with hexane:isopropanol. Chlorinated phenols are extracted with acidified methanol. Concentrated sulfuric acid wash removes impurities. Methylation precedes the analysis by GC/ECD.		Dairy Egg Meat (liver & muscle)	2,3,4,5-Tetrachlorophenol 2,3,4,6-Tetrachlorophenol 2,3,5,6-Tetrachlorophenol Pentachlorophenol	0.01	0.03	Confirmation using a GC/MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Chlorinated Phenols Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g
CLOPIDOL	CFIA Saskatoon method: CLP-SP07	Sample is extracted with acetonitrile, passed through alumina and SPE column, eluted with acidified methanol, concentrated and analyzed with HPLC/UV detection.		Egg Meat (liver & muscle)	Clopidol	0.025	0.025	Confirmation using an LC/MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Clopidol” and the numerical value as the “AMOUNT” in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
Coccidiostats	Development and validation of a multi-residue liquid chromatography–tandem mass spectrometry confirmatory method for eleven coccidiostats in eggs Analytica Chimica Acta 700(2011) 167-176	The sample was extracted with acetonitrile, defatted with hexane and cleaned-up on a silica SPE cartridge. The analytes were identified and quantified by liquid chromatography–tandem mass spectrometry (LC–MS/MS).		Egg Meat (liver and muscle)	Lasalocid Monensin Maduramicin Narasin Salinomycin Semduramicin Decoquinate Diclazuril Halofuginone Nicarbazin Robenidine Optional: Amprolium, Clopidol Dinitolmide Buquinolate Toltrazuril sulfone	0.002	0.01	Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Coccidiostats Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
DECOQUINATE	CFIA FLS-1996-022 or CFIA Saskatoon method: DEC-SP07	Sample is extracted with methanol:chloroform, re-extracted with metaphosphoric acid, reduced to dryness, reconstituted in mobile phase solvent mixture and analyzed with reverse phase HPLC/fluorescence detection.		Dairy Egg Meat (liver & muscle)	Decoquinate	0.02	0.1	Confirmation using an LC/MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “DECOQUINATE” and the numerical value as the “AMOUNT” in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
DIPYRONE	http://www.fsis.usda.gov/wps/wcm/connect/3143c51b-b16e-42f9-a24b-8ae138f31aad/CLG_DPN_1_00.pdf?MOD=AJPERES	An internal standard is added to the sample, which is then extracted with sodium sulfite buffer. The filtrate is passed through C18 column. Residues are eluted with methanol dried and prior to instrumental analysis with reverse phase HPLC/UV detection.	The SOP must include the use of a sodium sulfite extraction buffer and a step where the final drying step is taken to just dryness.	Dairy Meat (liver & muscle)	4-Aminoantipyrine 4-Dimethylaminoantipyrine 4-Formylaminoantipyrine 4-Methylaminoantipyrine	0.02	0.05	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Dipyrones Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g.
EBDC/DC(CS2)	Pesticide Management Regulatory Agency Method P-RE-053-95-EBDC	The sample is digested with HCl and the CS2 evolved is derivatized and quantitated by measurement of the absorbance at 435 nm. A calculation quantitates the CS2 as zineb. Note this method measures total dithiocarbamates and is not specific for EBDCs.	The SOP must use an HCl digestion to liberate CS2, followed by quantitation of the CS2 to determine zineb equivalence.	Fresh F&V Honey	CS_2 expressed as zineb equivalents	0.03 zineb equivalents	0.1 zineb equivalents	Not Required	20	The “ANALYTE” is to be reported as “Dithiocarbamate” and the numerical value as the “AMOUNT” in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
EBDC(EDA)	CFIA Calgary Method: SPR-002v2.9	The sample is hydrolyzed with HCl to liberate EDA, which is purified by ion exchange chromatography and derivatized for analysis by HPLC/Fluorescence detection.	The SOP must include a hydrolysis step to liberate ethylene diamine (EDA) prior to quantitation of the EDA.	Fresh F&V Honey	Ethylene Diamine	0.04	0.08	Not Required	20	The “ANALYTE” is to be reported as “EDA” and the numerical value as the “AMOUNT” in µg/g
EDBC(ETU)	CFIA Calgary Method: SPR-008v1.2 or P-RE-060-97(1)-ETU The determination of ETU in Fruits and vegetables	Sodium sulfite is added to the sample prior to the extraction with water. Further cleanup by extraction, partitioning, drying re-dissolving in preparation for HPLC/UV analysis	The SOP must provide for a step indicating the addition of sodium sulfite during the extraction to prevent loss of the ETU residue due to oxidation.	Fresh F&V Processed Foods Honey	Ethylene thiourea	0.02	0.05	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “ETU” and the numerical value as the “AMOUNT” in µg/g
ENDECTOCIDES	CFIA Saskatoon method: CVDR-M-3005.10 CFIA Calgary Method: ACC-071v1.0	The sample is extracted with acetonitrile, centrifuged and supernatant is passed through alumina column. Further cleanup with SPE, derivatization precedes analysis by HPLC/Fluorescence detection.		Dairy Egg Meat (liver & muscle)	abamectin doramectin ivermectin eprinomectin moxidectin	0.001	0.002	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Endectocides Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g.
					Emamectin 22,23-dihydro-avermectin B1a (meat)	0.001	0.005			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
FLUOROQUINOLONES	CFIA Saskatoon method: CVDR-M-3007	Samples are extracted with acidic solution and clean up with SPE. Drugs are eluted and concentrated. The extract is analyzed by LC/Fluorescence detection		Dairy Egg Honey Meat (liver & muscle)	enrofloxacin ciprofloxacin sarafloxacin danofloxacin ofloxacin norfloxacin difloxacin marbofloxacin orbifloxacin sparfloxacin flumequine oxolonic acid nalidixic acid pipemidic acid enoxacin	0.002	0.010	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Fluoroquinolones Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g.
				Meat (liver & muscle)	Desethylene ciprofloxacin		0.01			
FUMAGILLIN	J. Chromatogr. A 1190 (2008) 224–231	The sample is dissolved and cleaned up using SPE. The SPE is washed and the residue eluted and filtered. Analysis is by LC/UV or LC/MS.		Honey	Fumagillin	0.05	0.10	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “FUMAGILLIN” and the numerical value as the “AMOUNT” in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
GESTAGENS	CFIA Saskatoon method: CVDR-M-3016.07	Sample is extracted with acetonitrile, which is washed with hexane and taken to dryness. Clean-up steps include, solvent partition, saponification, SPE, eluted, dried and analyzed with HPLC/UV detection.		Dairy Meat (fat)	melengestrol acetate megestrol acetate chlormadinone acetate	0.005	0.010	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Gestagens Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed in µg/g.
GLYCOSIDES	http://www.fsis.usda.gov/wps/wcm/connect/c7d1fc07-6359-4d64-959b-1931596bef9a/CLG-AMG2.pdf?MOD=AJPERES CFIA Calgary Method: ACC-078v1.1	Aminoglycoside (AMG) residues are extracted from tissue using buffer containing trichloroacetic acid as a protein precipitant. The extract is neutralized and cleanup accomplished by passage through a weak cation exchange solid-phase extraction cartridge followed by elution with acidic methanol. The methanol extract is evaporated and reconstituted in aqueous ion-pair reagent. It is analyzed by ion-pair reversed-phase LC/MS.		Dairy Egg Honey Meat (kidney & muscle for all species except poultry; muscle only for poultry)	Spectinomycin Hygromycin Streptomycin Dihydrostreptomycin Amikacin Kanamycin Apramycin Tobramycin Gentamicin neomycin	0.01	0.01	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Glycosides Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
HALOFUGINONE	J. Chromatogr. B 788 (2003) 29–36	Trypsin digested buffered sample is extracted with ETOAc, partitioned into aqueous ammonium acetate and washed with hexane. SPE cleanup precedes instrumental analysis by HPLC/MS.		Egg	Halofuginone	0.005	0.01	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “HALOFUGINONE” and the numerical value as the “AMOUNT” in µg/g
			The SOP, for the meat food group, must provide for a trypsin digested of the tissue prior to extraction and quantitation.	Meat (liver and muscle)	Halofuginone	0.015	0.05			
IONOPHORES	CFIA Calgary method ACC-057v3.0	Sample is homogenized with water/methanol, sonicated and centrifuged. The supernatant is mixed with NaOH solution and extracted with hexane:toluene. Instrumental analysis is by LC/MS.		Honey	Lasalocid Monensin Narasin Salinomycin Also desired: maduramycin	0.005	0.005	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Ionophores Screen “ and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
IONOPHORES/ NICARBAZIN	CFIA Calgary method ACC-057v3.0	Sample is homogenized with water/methanol, sonicated and centrifuged. The supernatant is mixed with NaOH solution and extracted with hexane:toluene. Instrumental analysis is by LC/MS.	The submitted SOP is to calculate and report the nicarbazin amount as N,N'-Bis(4-nitrophenyl)urea	Dairy Egg Meat (Liver, muscle)	Lasalocid Monensin Narasin Salinomycin Nicarbazin NEW: Semduramicin Maduramicin Optional for Dairy	0.005	0.005	Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Ionophore/Nicarbazin Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value in µg/g.
MACROLIDES / LINCOSAMIDES	CFIA Saskatoon method: CVDR-3029.04	Sample is made basic and extracted with ethyl acetate. Analytes are then partitioned into an acidic buffer and further cleaned up by extraction of the buffer solution with an organic solvent. The buffer is then made basic and analytes are re-extracted into ethyl acetate, evaporated to dryness, redissolved in mobile phase, and		Dairy Egg Honey Meat (liver & muscle)	Clindamycin Erythromycin Josamycin Lincomycin Oleandomycin Pirlimycin Spiramycin Tylosin tilmicosin. Desmycosin Neospiramycin CP-60,300 expressed as Tulathromycin equivalents	0.005	0.01	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications		The “ANALYTE” is to be reported as “Macrolides/Lincosamide Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
		analyzed by HPLC/MS.		Meat (liver & muscle); Optional for Dairy , Egg, Honey	Gamithromycin Tildipirosin Tylvalosin Optional for Dairy, Egg, honey	0.01	0.01			
Melamine		A sample is extracted with acidic acetonitrile followed by centrifugation. The extract is defatted with hexane and subjected to cation exchange SPE. The melamine is eluted with an ammonia methanol solution, evaporated and reconstituted in acetonitrile:water. The extract is analysed by HPLC-MS/MS.	The SOP must include the cation exchange step to remove interferences prior to the instrumental step.	Dairy	Melamine	0.10		Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Melamine” and the numerical value as the “AMOUNT” in µg/g.
METALS	None provided. Note: The provided detection limits are to be demonstrated in matrix and not instrument detection limits		Detection limits must be demonstrated in matrix for the following analytes to be considered having met the requirement. As, Be, Cd, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Zn	Dairy Egg Fresh F&V Processed Foods Honey Meat (muscle)	Al, As, B, Be, Cd, Cr, Cu, Fe, Hg, Mg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Ti and Zn	As per Appendix 2, Table 1		See Tasks/Technical Specifications	35	The “ANALYTE” is to be reported as the individual metals and the numerical value as the “AMOUNT” in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
MORANTEL/ PYRANTEL	http://www.fsis.usda.gov/wps/wcm/connect/dc705e46-a779-4d53-bfdd-77fac591fcfe/Morantel.pdf?MOD=AJPERES	Tissues that may contain morantel or pyrantel and their metabolites are hydrolyzed. The breakdown product is extracted, derivatized re-extracted and analyzed by GC/ECD.	The SOP must include a hydrolysis step to convert morantel, pyrantel and all the metabolites of both to N-methyl-1,3 propane diamine. Confirmation using a GC technique, preferably MS, on all positives	Dairy Egg Meat (liver and muscle)	N-methyl-1,3 propane diamine	0.5	0.5	Confirmation using a GC/MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “N-Methyl-1,3-propanediamine” and the numerical value as the “AMOUNT” in µg/g
Multi-class antibiotics	CFIA Saskatoon method: CVDR-M-3031.06	Target residues are extracted from tissue with water/ acetonitrile. Following centrifugation, the supernatant is defatted with hexane. The sample is centrifuged again, the hexane layer removed and the remaining extract evaporated to 0.5 mL under nitrogen. The extract is transferred into a microcentrifuge tube and made to 1.5 mL volume with water. The extract is		Meat (muscle & kidney for all species except poultry; muscle and liver for poultry) Meat (Cooked & Processed Foods)	ß-Lactams			Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications. Note: The reference method indicate that the following compounds did not meet the criteria for quantitation for chlortetracycline, tylosin, tilmicosin, spiramycin, neospiramycin,	20	The “ANALYTE” are to be reported as “Multiclass Ab Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
					Cloxacillin	0.005	0.015			
					Dicloxacillin	0.005	0.015			
					Oxacillin	0.005	0.015			
					Nafcillin	0.005	0.015			
					Amoxicillin	0.005	0.015			
					Ampicillin	0.005	0.015			
					Penicillin G	0.005	0.015			
					Cephalosporins					
					Cefazolin	0.005	0.015			
					Cephalexin	0.005	0.015			
					Desacetyl Cephapirin	0.005	0.015			
					Fluoroquinolones					
					ciprofloxacin	0.005	0.015			
					danofloxacin	0.005	0.015			
					sarafloxacin	0.005	0.015			
					enrofloxacin	0.005	0.015			
					Norfloxacin	0.005	0.015			
					Ofloxacin	0.005	0.015			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
		microcentrifuged at high speed and an aliquot GHP filtered prior to analysis by LC-MS/MS.			Desethylene ciprofloxacin (optional?)	0.005	0.015	tildipirosin. If the Offeror validation has similar findings, the quantitation and confirmation may be completed using the alternate method identified below. Otherwise the quantitation from the submitted method can be reported without the need for the alternate methodology		
					Phenicols					
					Chloramphenicol	0.0002	0.001			
					Thiamphenicol	0.005	0.015			
					Florfenicol	0.005	0.015			
					Tetracyclines					
					Oxytetracycline	0.005	0.015	Confirmations of all positives > 0.2 µg/g may be confirmed using the method submitted for TETRACYCLINES in this table, at the Offerors discretion		
					Tetracycline	0.005	0.015			
					Chlortetracycline	0.005	0.015			
					Doxycycline	0.005	0.015			
					Sulfonamides					
					Sulfaacetamide	0.005	0.015			
					Sulfanilamide	0.005	0.015			
					Sulfabenzamide	0.005	0.015			
					Sulfachloropyridazine	0.005	0.015			
					Sulfadimethoxine	0.005	0.015			
					Sulfadoxine	0.005	0.015			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					Sulfadiazine	0.005	0.015			
					Sulfaethoxypyridazine	0.005	0.015			
					Sulfaguanidine	0.005	0.015			
					Sulfamethoxypyridazine	0.005	0.015			
					Sulfamerazine	0.005	0.015			
					Sulfamethazine	0.005	0.015			
					Sulfaquinoxaline	0.005	0.015			
					Sulfathiazole	0.005	0.015			
					Macrolides			All positives above the values listed for LOD of macrolides may be confirmed using the method submitted for MACROLIDES in this table at the discretion of the Offeror		
					Oleandomycin	0.005	0.05			
					Erythromycin	0.005	0.05			
					Tylosin	0.005	0.05			
					Tilmicosin	0.005	0.05			
					Tylvalosin	0.005	0.05			
					Spiramycin	0.005	0.05			
					Neospiramycin	0.005	0.05			
					Tildipirosin		0.1			
					Tulathromycin	0.005	0.015			
					Clindamycin	0.005	0.015			
					Josamycin	0.005	0.015			
					Pirlimycin	0.005	0.015			
					Lincomycin	0.005	0.015			
					Gamithromycin	0.005	0.015			
					Coccidiostats					
					Clopidol	0.005	0.015			
					Amprolium	0.005	0.015			
					Fenbendazole	0.005	0.015			
					Toltrazuril Sulfone	0.005	0.015			
					B-Agonists					
					Ractopamine		0.001			
					Zilpaterol		0.001			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					NSAIDS					
					Fluxim	0.001	0.005			
					Ketoprofen	0.001	0.005			
					Meloxicam	0.001	0.005			
					Other					
					Novobiocin	0.005	0.015			
					Tiamulin	0.005	0.015			
					Trimethoprim	0.005	0.015			
					Ceftiofur			All positive results may be confirmed using the method submitted under CEFTIOFUR in this table, at the discretion of the Offeror		
					Desfuroyl ceftiofur Cysteine Disulfide	0.005	0.05			
Multi-class antibiotics	Development and validation of a multiclass method for the analysis of antibiotic residues in eggs by liquid chromatography-tandem mass spectrometry; J Chromatogr A. 2011 Mar 18;1218(11):1443-51	Sample is mixed with diatomaceous earth containing EDTA, extracted into solvent and analyzed by LC-MS/MS		Egg Dairy	Sulfonamides			Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” are to be reported as “Multiclass Ab Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
					sulfadimethoxine	0.01	0.03			
					sulfapyridine	0.01	0.03			
					sulfamethoxazole	0.01	0.03			
					sulfaquinoxaline	0.01	0.03			
					sulfathiazole	0.01	0.03			
					sulfamerazine	0.01	0.03			
					sulfadiazine	0.01	0.03			
					sulfamethazine	0.01	0.03			
					sulfisoxazole	0.01	0.03			
					sulfamethizole	0.01	0.03			
					sulfadoxine	0.01	0.03			
					sulfamonomethoxine	0.01	0.03			
					sulfamethoxipyridazine	0.01	0.03			
					sulfachloropyridazine	0.01	0.03			
					trimethoprim	0.01	0.03			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					Penicillins					
					Amoxicillin	0.01	0.03			
					ampicillin	0.01	0.03			
					Penicillin G	0.01	0.03			
					Penicillin V	0.01	0.03			
					Oxacillin	0.01	0.03			
					Cloxacillin	0.01	0.03			
					Dicloxacillin	0.01	0.03			
					Quinolones					
					Sarafloxacin	0.01	0.03			
					Norfloxacin	0.01	0.03			
					Danofloxacin	0.01	0.03			
					Marbofloxacin	0.01	0.03			
					Difloxacin	0.01	0.03			
					Flumequine	0.01	0.03			
					Oxolinic acid	0.01	0.03			
					Ciprofloxacin	0.01	0.03			
					Enrofloxacin	0.01	0.03			
					Tetracyclines					
					Oxytetracycline	0.01	0.03			
					Tetracycline	0.01	0.03			
					Chlortetracycline	0.01	0.003			
					Doxycycline	0.01	0.03			
					Macrolides					
					Tylosin	0.01	0.03			
					Spiramycin	0.01	0.03			
					Erythromycin	0.01	0.03			
					Josamycin	0.01	0.03			
					Tilmicosin	0.01	0.03			
					Lincosamides					
					Lincomycin	0.01	0.03			
Multi-class	Multiclass	Sample is dissolved in	The SOP must	Honey	Sulfonamides			Confirmation using	20	The “ANALYTE” are to be

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
antibiotics	Determination and Confirmation of Antibiotic Residues in Honey Using LC-MS/MS; J. Agric. Food Chem. 2008, 56, 1553–1559	water, a portion taken off for streptomycin analysis. The remainder is cleaned up with SPE and eluted and evaporated, reconstituted and analyzed by LC-MS/MS	demonstrate the work is completed under special lighting to reduce degradation		sulfathiazole		0.001	an acceptable MS technique is required See Tasks/Technical Specifications		reported as “Multiclass Ab Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
					Tetracyclines					
					oxytetracycline		0.002			
					tetracycline		0.001			
					chlortetracycline		0.004			
					doxycycline		0.006			
					Quinolones					
					ciprofloxacin		0.004			
					danofloxacin		0.002			
					enrofloxacin		0.002			
					sarafloxacin		0.002			
					difloxacin		0.002			
					Macrolides					
					tylosin		0.004			
					Desmycosin		0.004			
					erythromycin		0.002			
					Others					
					Lincomycin		0.001			
					Streptomycin		0.01			
					Chloramphenicol		0.0001			
					Fumagillin		0.006			
					Monensin		0.004			
Multi-class drugs	USDA: Screening and confirmation of animal drug residues by UHPLC-MS-MS (http://www.fsis.usda.gov/wps/wcm/connect/b9d45c8b-74d4-4e99-8eda-5453812eb237/CLG-MRM1.pdf?MOD=AJP	Animal drug residues are extracted from tissue using dispersive SPE for both extraction and sample clean up. The extracted residues are examined using UHPLC-MS-MS using a triple quadrupole		Meat (muscle & kidney for all species except poultry; muscle and liver for	Penicillins Screen	Equal or better than the levels noted in Table 18A, 18B and 19of the method	Equal or better than the levels noted in Table 18A, 18B and 19of the method	Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” are to be reported as “Multiclass Drug Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount
					Amoxicillin					
					Ampicillin					
					Cloxacillin					
					Dicloxacillin					
					Naficillin					
					Oxacillin					
					Penicillin G					
					Cephalosporins					
					Cefazolin					

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
	ERES)	mass spectrometer under electrospray ionization (ESI) conditions. Analytes are identified by comparison against matrix matched standards.		poultry)	Phenicols Screen					as the actual value confirmed, in µg/g.
					Chloramphenicol					
					Florfenicol					
					B-agonists Screen					
					Cimaterol					
					Salbutamol					
					Ractopamine					
					Tetracyclines Screen					
					Chlortetracycline					
					Oxytetracline					
					Tetracycline					
					Fluoroquinolones screen					
					Ciprofloxacin					
					Desethylene Ciprofloxacin					
					Danofloxacin					
					Difloxacin					
					Norfloxacin					
					Sarafloxacin					
					Enrofloxacin					
					Macrolides Screen					
					Clindamycin					
					Erythromycin A					
					Gamithromycin					
					Lincomycin					
					Pirlimycin					
					Tilmicosin					
					Tulathromycin A					
					Tylosin					
					Sulfa screen					
					Sulfachloropyridazine					

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					Sulfadiazine					
					Sulfadimethoxine					
					Sulfadoxine					
					Sulfaethoxypyridazine					
					Sulfamerazine					
					Sulfamethazine					
					Sulfamethizole					
					Sulfamethoxypyridazine					
					Sulfanitran					
					Sulfapyridine					
					Sulfaquinoxaline					
					Sulfathiazole					
					NSAID					
					Phenylbutazone					
					Oxyphenylbutazone					
					Flunixin					
					Others					
					2-Quinoxaline Carboxylic Acid (QCA)					
					DCCD					
					Melengestrol Acetate					
					Prednisone					
					Zeranol					

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
MYCOTOXIN	CFIA Dartmouth method: SOM-DAR-CHE-041-06	A sample of liquid milk, powdered milk or cheese is thoroughly blended with 50 mL of DIW. Following centrifugation, the supernatant is cleaned up with SPE. Eluent is evaporated to 0.5 mL under nitrogen then reconstituted in DIW. Instrumental analysis is by LC/Fluorescence detection.		Dairy	Aflatoxin M1	0.01 ng/g		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	10	The “ANALYTE” is to be reported as “Aflatoxin M1” and the numerical value as the “AMOUNT” in ng/g.
NITROFURANS	CFIA Saskatoon method: CVDR-M-3031.03 CFIA Calgary method: ACC-070v1.4	Samples are pre-extracted with methanol and ethanol to remove interference. Side chains of protein bound metabolites are freed by acid hydrolysis followed by overnight derivatization. Extraction with ETOAc, evaporate, hexane wash of aqueous solution is followed by instrumental analysis by LC/MS/MS.	The SOP must include a step for acid hydrolysis and overnight incubation with 2-nitrobenzaldehyde in order to free the protein bound drug metabolites for derivatization, with the exception for the analysis in honey.	Dairy Egg Honey Meat (Liver & muscle)	Furaltadone Metabolite Furazolidone Metabolite Nitrofurantoin Metabolite Semicarbazide	0.0005		Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Nitrofurans Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
					Nifursol	0.0005				

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
NITROIMIDAZOLES	JOURNAL OF AOAC INTERNATIONAL VOL. 90, NO. 3, 2007 J. Chromatogr. A 882 (2000) 89 –98	The sample plus internal standard is extracted with ETOAc. The combined ETOAc layers are evaporated to dryness and partitioned between hexane:CCl4 and aqueous formic acid. Instrumental analysis is by HPLC/MS.	The SOP must include steps to demonstrate the solutions and extracts are protected from light, due to the light sensitive nature of the nitroimidazoles.	Dairy Egg Honey Meat (Liver & muscle)	Dimetridazole Hydroxy dimetridazole Metronidazole Ronidazole Tinidazole Ipronidazole Hydroxy metronidazole Hydroxy ipronidazole	0.001	0.003	Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Nitroimidazoles Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
NSAID/HORMONE/ STEROID	CFIA Saskatoon Method: CVDR-M-3025.03	Sample is digested with protease solution overnight, washed with hexane, cleaned up with multiple SPE cartridges. Instrumental analysis is by HPLC-MS/MS	The SOP must provide for a protease digestion with overnight incubation to free any bound analytes and not use PVDF filters	Dairy Egg Meat (muscle, kidney optional)	Naproxen	0.0005	0.001	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	15	The “ANALYTE” is to be reported as “NSAID/Hormone/Steroid Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
					Meloxicam	0.0001	0.001			
					Ketoprofen	0.0001	0.001			
					Flunixin	0.0001	0.002			
					Niflumic acid	0.0001	0.001			
					Carprofen	0.0005	0.001			
					Etodolac	0.0002	0.001			
					Mefenamic acid	0.0002	0.001			
					Tolfenamic acid	0.0005	0.001			
					Vedaprofen	0.0008	0.001			
					20-Dihydroprednisone	0.001	0.001			
					20-Dihydroprednisolone	0.0005	0.001			
					Prednisone	0.0005	0.002			
					Prednisolone	0.0005	0.002			
					Methylprednisolone	0.0002	0.001			
					Betamethasone	0.0004	0.001			
					Dexamethasone	0.0004	0.001			
					Flumethasone	0.001	0.002			
					Beclomethasone	0.001	0.002			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					Triamcinolone Acetonide	0.001	0.002			
					alpha-Trenbolone	0.001	0.001			
					beta Trenbolone	0.002	0.002			
					Boldenone	0.001	0.002			
					19-Nortestosterone	0.001	0.002			
					Epi-19-nortestosterone	0.001	0.002			
					Dianabol	0.001	0.002			
					Testosterone	0.001	0.002			
					Epi-testosterone	0.001	0.003			
					Phenylbutazone	0.001	0.003			
PENICILLINS	http://www.fsis.usda.gov/wps/wcm/connect/1c66a017-215e-4844-bfb1-29183b5af252/CLG_BLAC_03.pdf?MOD=AJPERES CFIA Calgary Method: ACC-063v2.	The internal standard is added to the sample followed by extraction with buffer and cleanup by SPE. Elute, evaporate, dissolve in ammonium acetate and analyze by LC/MS.		Dairy Egg Honey Meat (muscle and kidney for all species except poultry; muscle and liver for poultry)	Amoxicillin Ampicillin penicillin G oxacillin cloxacillin dicloxacillin Penicillin V Nafcillin	0.002		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	10	The “ANALYTE” is to be reported as “Penicillins Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
PESTICIDES-GC	CFIA Calgary Method: PMR-001v1.11 CFIA Calgary Method: PMR-005v1.7	A representative sample is blended with acetonitrile and sodium chloride (NaCl) and the layers are separated by centrifugation. An aliquot of the acetonitrile phase is evaporated for cleaned up on an Envi-Carb SPE cartridge which is connected in series with an aminopropyl sep-pak. The pesticides are eluted from the cleanup column with acetonitrile: toluene 3:1. The eluant is concentrated and solvent exchanged to hexane		Fresh F&V Processed Foods Honey	See Table 2 of Appendix 2	See Table 2 of Appendix 2		Confirmation using an acceptable MS technique, , is required. See Tasks/Technical Specifications	30	The “ANALYTE” is to be reported as “Pesticide Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
PESTICIDES-LC	CFIA Calgary Method: PMR-016v1.0	A representative sample acidified acetonitrile, sodium acetate and magnesium sulphate are added. A portion is transferred to a centrifuge tube containing (PSA) and magnesium sulphate. An aliquot of which is evaporated, brought back to volume and analysed by LC-MS/MS.		Fresh F&V Processed Foods Honey	See Table 3 of Appendix2	0.01		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	30	The “ANALYTE” is to be reported as “Pesticide Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
PESTICIDES-M	USDA: Screening for pesticides by LC/MS/MS AND GC/MS/MS http://www.fsis.usda.gov/wps/wcm/connect/499a8e9e-49bd-480a-b8b6-d1867f96c39d/CLG-PST5.pdf?MOD=AJPERES			Meat (liver, muscle)	See Table 4 of Appendix 2	See Table 4 of Appendix 2		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Pesticide Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
PESTICIDES-OC	CFIA Calgary Method: CSP-008v2.0			Dairy Egg	See Table 5 of Appendix 2	See Table 5 of Appendix 2	See Table 5 of Appendix	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	30	The “ANALYTE” is to be reported as “Pesticide Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
PHENICOLS	CFIA Saskatoon Method: CVDR-M-3013.04 CFIA Calgary Method: ACC-062v2.3	Sample is extracted with ETOAc, dried and re-dissolved in water. Solution is washed, cleaned with SPE cartridge, eluted with methanol, dried then re-dissolved in acidic water for instrumental analysis by HPLC/MS.		Dairy Egg Honey	Chloramphenicol	0.0002		See Tasks/Technical Specifications	5	The “ANALYTE” is to be reported as “Phenicols Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g In the event that florfenicol
					florfenicol	0.001				
					thiamphenicol	0.001				
				Meat (Liver & muscle)	Chloramphenicol	0.0002		Liver: all positives ≥ 0.1 µg/g to be confirmed using a method for florfenicol amine. Muscle: all positives ≥ 0.05 µg/g to be		
					florfenicol	0.001				
					thiamphenicol	0.001				
Florfenicol Amine	USDA, FSIS CLG-FLOR1.04	Florfenicol and related metabolites in bovine	This SOP must provide for a step	Meat (liver)	Florfenicol amine	0.5	1.0			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
	Determination and Confirmation of Florfenicol	and poultry liver and muscle and catfish muscle homogenate are converted to florfenicol amine (FA) salts by acid-catalyzed hydrolysis. The hydrolysate is partitioned with ethyl acetate to remove lipids and other neutral interferences, and then made strongly basic to convert the salts to free FA. This solution is then applied to a diatomaceous earth column and the FA is extracted from the absorbed liquid with ethyl acetate. The organic extract is evaporated to dryness and the residue dissolved in an aqueous buffer and analyzed	that converts all the residues of florfenicol and its metabolites to florfenicol amine.	Meat (muscle)		0.03	0.7	confirmed using a method for florfenicol amine.		amine is tested and reported, the “florfenicol” as determined by the original method will not be reported, and the “florfenicol amine” will be reported in its place.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
PHENYLBUTAZONE	CFIA Saskatoon Method: PBZ-SP06	Phenylbutazone is extracted from tissue with ETOAc/methanol containing DL-dithiothritol stabilizer. The extract is cleaned up on a SPE cartridge. Phenylbutazone plus int. standard are eluted with a 1:1 mixture of ether and a solution of methylene chloride (94%), methanol (4%) and acetic acid. The eluant is removed the residue re-dissolved in mobile phase and analyzed by HPLC/UV detection.	The SOP must use DL-dithiothreitol as stabilizer in the extraction solvent.	Dairy Egg Meat (Liver and muscle for all species)	Phenylbutazone	0.0005	0.0015	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	10	The “ANALYTE” is to be reported as “Phenylbutazone” and the numerical value as the “AMOUNT” in µg/g

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
SULFONAMIDES	CFIA Calgary Method ACC-056v4.1	Sample, containing protein (egg and dairy), are cleaned up by protein precipitation, extraction with acetonitrile followed by SPE clean-up. Samples high in sugars are extracted with dilute acid and allowed to stand overnight to free sulfa drugs from sugar complexes. Instrumental analysis is by LC/MSD.	The SOP for the honey food group must include a step for extraction with dilute acid and standing overnight in order to free sulfa drugs from sugar complexes.	Dairy Egg Honey	Sulfabenzamide, Sulfacetamide, Sulfachloropyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazine, Sulfaguanidine Sulfamerazine Sulfameter Sulfamethazine Sulfamethizole Sulfamethoxazole Sulfamethoxypyridazine Sulfamonomethoxine Sulfamoxole Sulfanilamide Sulfaphenazole Sulfapyridine Sulfaquinoxaline Sulfathiazole Sulfisoxazole OPTIONAL: Dapsone Ormetoprim trimethoprim	See Appendix A of the reference method	See Appendix A of the reference method	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Sulfa Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
SULFONAMIDES-M	CFIA Saskatoon Method: SULLC-SP03	Meat samples are partitioned into buffer and extracted into methylene chloride and analysed by LC with fluorescence detection.		Meat (muscle and kidney for all species except poultry; muscle and liver for poultry)	Sulfacetamide Sulfachloropyridazine Sulfadiazine Sulfadimethoxine Sulfadoxine Sulfaethoxypyridazine Sulfamerazine Sulfamethazine Sulfamethoxypyridazine Sulfapyridine Sulfaquinoxaline Sulfathiazole Optional Dapsone Ormetoprim Sulfabenzamide Sulfaguanidine Sulfameter Sulfamethizole Sulfamethoxazole Sulfamonomethoxine Sulfamoxole Sulfanilamide Sulfaphenazole Sulfisomidine Sulfisoxazole Trimethoprim	0.01	0.05	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Sulfa Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
SYNTHETIC PYRETHRINS	CFIA Saskatoon Method : PYR-SP02	Sample is extracted with hexane, partitioned acetonitrile and hexane, sodium sulfate is added and back extraction with hexane leads to Florisil column cleanup. Eluant is dried, residue is dissolved in iso-octane for instrumental analysis by GC/ECD detection.		Dairy Egg Meat (Fat, muscle) Honey	Cis-Permethrin Trans-Permethrin Cyfluthrin Cypermethrin Deltamethrin Fenvalerate Flucythrinate lambda-Cyhalothrin Tau-Fluvalinate	0.015	0.05	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Synthetic Pyrethrins Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
TETRACYCLINES	CFIA Saskatoon Method : CVDR-M-3011.15 CFIA Calgary Method: ACC-042	The sample is extracted with buffer and filtered. The filtrate is passed through a SPE column, which is rinsed with water prior to elution with methanolic oxalic acid. Honey samples are dissolved in an aqueous buffer. After filtration of the solution, the tetracyclines are extracted on a polymeric reversed-phase SPE column. The extracted tetracyclines are eluted with absolute methanol, concentrated, and reconstituted in water. The instrumental analysis is by HPLC/PDA detection or MS detection		Dairy Egg Honey Meat (muscle and kidney for all species except poultry; muscle and liver for poultry)	Chlortetracycline Doxycycline Epi-Chlortetracycline Epi-Oxytetracycline Epi-Tetracycline Oxytetracycline Tetracycline	0.005		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Tetracyclines Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
THYREOSTATS	CFIA Saskatoon Method : CVDR-M-3003.03 http://www.fsis.usda.gov/wps/wcm/connect/762f930a-d0b8-4ef3-b8cc-b18e5bcbbdf8/CLG_TST_2_01.pdf?MOD=AJPERES	Thyreostats are extracted from samples with ETOAc and dichloromethane (4/1), in the presence of sodium bicarbonate, sodium sulfate and DL-dithiothritol. The extract is evaporated; residue is reconstituted in formic acid in methanol. The methanol is extracted with hexane and a portion of the de-fatted methanol is analyzed by LC/MS/MS detection. Dimethylthiouracil serves as internal standard.	The SOP must use DL-dithiothreitol, sodium bicarbonate and sodium sulfate during the extraction step in order to achieve efficient recovery of incurred residue	Dairy Egg Meat (liver & muscle)	Mercaptobenzimidazole Methylthiouracil Phenylthiouracil Propylthiouracil Tapazole Thiouracil	0.005		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Thyreostats Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
Tiamulin	Journal of AOAC International 1993; 76(2):451-8.	Alkaline hydrolysis of tiamulin metabolites in liver to yield a major metabolite,8-alpha-hydroxy-mutilin and cleaned up and analysed	The SOP must include a step to convert all residues of tiamulin to the marker residue 8-alpha-hydroxy-mutilin	Meat (liver and muscle)	8-alpha-hydroxy-mutilin	0.01		Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “8-alpha-hydroxy-mutilin” and the numerical value as the “AMOUNT”, in µg/g.

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Toltrazuril	Detection, quantifications and pharmacokinetics of toltrazuril sulfone in Cattle	The sample is extracted and cleaned up using SPE and analyzed by HPLC.	The SOP must demonstrate it has been validated in porcine, ovine and bovine and determine the marker residue of Toltrazuril sulfone	Meat (liver and muscle)	Toltrazuril sulfone		0.3	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications		The “ANALYTE” is to be reported as “Toltrazuril sulfone” and the numerical value as the “AMOUNT”, in µg/g.
TRANQUILIZER	CFIA Saskatoon Method : CVDR-M-3006.03	Various extraction procedures have been successfully used to extract this group of residues. Initial extractions with EtOAc, or acetonitrile or diethyl ether or tert-butyl methyl ether (TBME) followed by acid base partitioning cleanup or solvent wash for purification. SPE may be used to further remove interfering impurities if necessary prior to instrumental analysis using LC/MS detection sometimes in conjunction with an external standard		Dairy Egg Meat (liver & muscle)	Acepromazine Azaperol Azaperone Carazolol Chlorpromazine Haloperidol Propionylpromazine Xylazine	0.0005		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Tranquilizers Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
TRENBOLONE ACETATE	CFIA Saskatoon Method : TBN-SP13	The sample is homogenized in NaOAc, digested with beta-glucuronidase, incubated overnight, extracted with acetonitrile. Addition of dichloromethane and hexane to the supernatant gives a three phase liquid-liquid extraction with TBA residues in the acetonitrile layer. Acetonitrile layer is passed through SPE cartridge using methanol-water and acetone-toluene as eluants. Instrumental analysis is by reverse phase LC/UV detection	The SOP must include steps for digestion with ß(beta)-glucuronidase and overnight incubation.	Dairy Meat (Liver & muscle)	alpha-Trenbolone beta -Trenbolone	0.002		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Trenbolone Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
VIRGINIAMYCIN	CFIA Saskatoon Method : CVDR-M-3026.03	The sample is homogenized in acetonitrile-methanol and centrifuged. The supernatant is passed through a SPE cartridge and eluted with buffer. The eluant is partitioned against chloroform and the aqueous upper layer is removed by aspiration. Chloroform is removed and residue is re-constituted in mobile phase solvent. Instrumental analysis is by LC/MS.		Dairy Egg Meat (muscle)	Virginiamycin M	0.005		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Viginiamycin M” and the numerical value as the “AMOUNT”, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
ZERANOL/ STILBENES	CFIA Saskatoon Method : CVDR-M-3019.15	Sample is digested with beta-glucuronidase to free conjugates followed by extraction with acetonitrile. Addition of dichloromethane and hexane to the supernatant (acetonitrile) gives a three phase liquid-liquid extraction. The middle layer is removed and cleaned up with mixed bed extraction column. Instrumental analysis is by GC/MS/SIM detection following on column derivatization.	The SOP must provide for digestion with ß(beta)-glucuronidase to free conjugates followed by extraction with acetonitrile.	Dairy Meat (liver & muscle)	alpha-zearalenol beta-zearalenol Dienestrol Diethylstilbesterol Hexestrol Taleranol Zearalanone Zearalenone Zeranol	0.0005		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Zeranol/Stilbenes Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
Part B										
3-MCPD	CFIA Burnaby method BFCL-026 “Determination of 3-monochloropropanediol in Food and Food Ingredients using GC/MS”			Processed Foods(Soy sauce, vegetable fats and oils, bread products)	3-monochloropropane-1,2-diol	0.01		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “3-MCPD” and the numerical value as the “AMOUNT” in µg/g.
Arsenic Species	CFIA Dartmouth method: SOM-CHE-	Samples are enzyme digested, extracted	The SOP must provide for a	Egg, Fresh	Arsenocholine (AsC)		1 ng/mL	See Tasks/Technical		The “ANALYTE” is to be reported as “Arsenic
					Arsenobetaine (AsB)		1 ng/mL			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
	053-04	and analyzed on ICP-MS	protease digestion for all samples other than juices. The SOP must include a control sample or certified reference material for each batch analysed. The resolution of Standard 2 peaks of AsC and AsB as per the reference method (0.1 ng/mL AsC; 0.05 ng/mL AsB) must have a resolution of 0.9 or greater	F&V Processed Foods Meat (muscle)	Disodium methyl arsonate hexahydrate (MMA)		1 ng/mL	Specifications		Speciation Screen" and the "AMOUNT" is to be "0" for a negative and a "1" for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in ng/g.
					Cacodylic acid (DMA)		1 ng/mL			
					As^{3+}		1 ng/mL			
					As^{5+}		5 ng/g			

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
BPA		Sample is de-proteinated, cleaned up by SPE and derivatized with acetic anhydride. The extract is run on GC/MS. Alternatively, a non-derivatized sample is analysed by LC-MS/MS. The points for this test will not be counted towards a minimum test requirement to qualify for the food group.	The SOP must include a step that conditions any glassware used in sample preparation to eliminate any environmental BPA that may be present.	Processed Foods (canned foods and infant formula)	Bisphenol A (BPA) Bisphenol S (BPS) Biphenol F (BPF) Bisphenol A Diglycidyl ether (BADGE)	0.005	0.01	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Bisphenol A Screen” and and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
Food colours (Water)	CFIA Longueuil LCAQ 111-04 : DETERMINATION OF WATER-SOLUBLE COLOURS BY HPLC-UV-VISIBLE (DAD) IN FOODSTUFFS	Ion pair chromatography is performed by adding a counter ion to the mobile phase; thereby, forming a reversible complex with the water-soluble colours containing one or more functional groups, such as acidic or salt acidic moieties. The neutral complex thus formed is then separated by reverse-phase chromatography.	The submitted SOP must include an enzymatic digestion with alpha amylase for all samples containing one of the ingredients mentioned in the reference SOP (8.1) or if the information is not available.	Processed Foods(candy, beverages, etc)	Permitted Food Colours Tartrazine Amaranth Indigo Carmine Sunset Yellow FCF Allura Red Ponceau SX Fast Green FCF Brillant Blue FCF Erythrosin B Chlorophyllin Subsidiary dyes Ponceau 4R (New Coccine) Fast Red E Bordeaux R		0.025	See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Water Soluble colour Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					Erythrosin Yellowish (2,4,5-triiodo)					
					4,5-diiodofluorescein					
					Crocein Orange G					
					Orange II					
					2,4,7-triiodofluorescein					
					Non-permitted water-soluble dyes					
					Orange GGN					
					Azorubine (Carmoisine)					
					Lissamine Green					
					Quinoline Yellow					
					Eosin Y					
					Patent Blue VF					
					Patent Blue Violet Calcium					
					Chrysoidine G					
					Rhodamine B					
Food Colours (Fat)	CFIA Longueuil; LCAQ-107-06; DETERMINATION OF FAT-SOLUBLE DYES IN FOODS BY HPLC	The fat-soluble dyes are extracted from the food samples by three (3) successive liquid-liquid extractions using tetrahydrofuran (THF). Following a manual Vortex mixing, sonication, Vortex mixing by plates, centrifugation and filtration, the liquid extract is concentrated		Processed Foods(beverages, sauces, etc)	Sudan I		0.025	See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Fat Soluble colour Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
					Sudan II					
					Sudan III					
					Sudan IV					
					Sudan Red B					
					Sudan Red 7B					
					Sudan Red G					
					Sudan Orange G					
					Sudan Blue II					
					Solvent Blue 59					
					Toluidine Red					
					Para Red					
					Methyl Yellow					

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
		by evaporation under a stream of nitrogen, re-dissolved in a minimum of THF, filtered and analyzed by HPLC with a diode-array detector			Metanil Yellow * Orange II * Rhodamine B * Sudan Black B Citrus Red 2 *Water-soluble dyes					
SULPHITES	AOAC 990.28	A sample is heated in HCl to convert sulfite to SO_2 which is bubbled through a solution of hydrogen peroxide and the SO_2 is oxidized to H_2SO_4. The sulfite content is directly related to the H_2SO_4 and determined by titration with NaOH.	The SOP must adhere to the principles of AOAC 990.28.	Processed Foods Fresh F&V	Sulphur Dioxide (SO_2)	10			20	The “ANALYTE” is to be reported as “SO2” and the numerical value as the “AMOUNT” in µg/g.
Ethyl carbamate	CFIA Calgary method: PMR-012			Processed Foods (alcoholic beverages)	Ethyl carbamate	4 ng/g		Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Ethyl carbamate” and the numerical value as the “AMOUNT” in ng/g.
Diquat/Paraqua	http://www.crl-	A sample is extracted	The SOP must	Fresh	Diquat	0.01	0.02	Confirmation using	20	The “ANALYTE” is to be

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
t	pesticides.eu/library/docs/srm/meth_quppe.pdf or EPA 549.2	with acidified methanol, followed by thermal treatment and centrigation. The extract is filtered and analysed by HPLC	contain a thermal treatment of at least 15 minutes at 80 °C in a water bath	F&V Processed Foods	Paraquat			an acceptable MS technique is required See Tasks/Technical Specifications		reported as “Quat Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
Glyphosate	Canadian Grain Commission GS-2c: Determination of Glyphosate in Cereal and Oilseed Crops Using Pre-Column Derivatization and LC/MS/MS Detection	Ground samples are extracted using a biphasic extraction with dichloromethane and water. The sample is centrifuged and 0.5mL of the aqueous layer is derivatized with FMOC-Cl and subjected to further clean up with an Oasis HLB solid-phase extraction (SPE) cartridge. Analytes are eluted with methanol and the extract evaporated to dryness and reconstituted in HPLC water. Determinations are made by LC-ES/MS/MS in the negative ion mode using two precursor-product ion transitions. This method utilizes isotopic labeled surrogate standards to correct for method deficiencies in obtaining accurate results.	The SOP must include a derivatization step using FMOC-Cl and use isotopic labeled internal standards	Fresh F&V Processed Foods	Glyphosate	0.005	0.02	Confirmation using an acceptable MS technique is required See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Glyphosate” and the numerical value as the “AMOUNT” in µg/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
PESTICIDES-GRAIN	Extension of the QuEChERS Method for Pesticide Residues in Cereals to Flaxseeds, Peanuts, and Doughs. J. Agric. Food Chem. 2010, 58, 5950-5958	Milled samples are extracted using a modified QuEChERS method using acetonitrile. The extracts are cleaned up and analysed by GC and LC		Processed Foods (e.g. Grain products)	See Table 6 of Appendix 2			Confirmation using an acceptable MS technique, , is required. See Tasks/Technical Specifications		The “ANALYTE” is to be reported as “Pesticide Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
Phenoxy Herbicides	No Reference Provided			Fresh F&V Processed Foods	2,4-D MCPA	0.005	0.02	Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Phenoxy Herbicides Screen” and the “AMOUNT” is to be “0” for a negative and a “1” for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in µg/g.
Alternaria	Alternaria mycotoxins CFIA Burnaby method	Sample, with or without SPE cleanup,		Processed Foods	Alternariol	1.0 ng/g	5.0 ng/g	Confirmation using an acceptable MS	20	The “ANALYTE” is to be reported as “Alternaria

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	: BFCL-048 http://www.ingentaconnect.com/content/aoac/jaoac/2001/00000084/00000006/art00022	is diluted with water-acetonitrile acetic acid solution. The clear supernatant after centrifugation is analysed by high performance liquid chromatography with tandem mass spectrometric detection (HPLCMS/MS).		(Juice, wine, grains) Honey	alternariol methyl ether	1.0 ng/g	5.0 ng/g	technique is required. See Tasks/Technical Specifications		Screen" and the "AMOUNT" is to be "0" for a negative and a "1" for a positive for one or more of the analytes. In the event of a positive, the analyte(s) found to be positive is/are to be reported as a separate entry and the amount as the actual value confirmed, in ng/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
Ochratoxin A		The sample is extracted with acetonitrile-methanol-water. The extract is diluted with phosphate buffered saline (PBS) and cleaned up by immunoaffinity column (IAC). OTA is eluted with methanol and the eluate is evaporated to dryness. The residue is dissolved in the LC injection solution and analysed by high performance liquid chromatography (HPLC) with tandem mass spectrometric detection (MS/MS) or with fluorescence detection (FLD).	This SOP must include a clean-up step using an immunoaffinty column.	Processed Foods (cereals)	Ochratoxin A	1 ng/g		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Ochratoxin A” and the numerical value as the “AMOUNT” in ng/g.

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
Deoxynivalenol		Deoxynivalenol is extracted from a sample by blending with water and polyethylene glycol (PEG). The aqueous extract is cleaned up via an immunoaffinity column specific for DON. The eluate is analysed by high performance liquid chromatography (HPLC) with tandem mass spectrometric detection (MS/MS).	This SOP must include a clean-up step using an immunoaffinty column.	Processed Foods (cereals)	Deoxynivalenol	20 ng/g		Confirmation using an acceptable MS technique is required. See Tasks/Technical Specifications	20	The “ANALYTE” is to be reported as “Deoxynivalenol” and the numerical value as the “AMOUNT” in ng/g.
POLYCYCLIC AROMATIC HYDROCARBONS(PAH)	No method reference provided. Extension to additional matrices			Dairy (including cheese) Egg Honey Meat Fresh F&V Processed Foods (high fat Processed Foods, alcoholic beverages)	Acenaphthene	0.15 ng/g		Confirmation is not required since only high-resolution MS methods will be considered.	20	All Analytes are to be reported in (units) using the MS Excel template provided in ng/g as illustrated in Appendix 3
					Acenaphthylene	0.24 ng/g				
					Anthracene	0.24 ng/g				
					Benz(a)anthracene	0.36 ng/g				
					Benzo(a)pyrene	0.30 ng/g				
					Benzo(b)fluoranthene	0.30 ng/g				
					Benzo(k)fluoranthene	0.20 ng/g				
					Benzo(ghi)perylene	0.40 ng/g				

Chemical Residue of Interest	Reference	Basis	Mandatory	Eligible Food Group [a]	Analytes	Required LOD [b] (µg/g), unless otherwise specified	Required LOQ [b] (µg/g), unless otherwise specified	Confirmation Procedure [c]	Turn Around Time (days)	Reporting
					Chrysene	0.20 ng/g				
					Dibenz(a,h)anthracene	0.20 ng/g				
					Fluoranthene	0.20 ng/g				
					Fluorene	0.16 ng/g				
					Indeno(1,2,3-cd)pyrene	0.50 ng/g				
					Naphthalene	0.16 ng/g				
					Phenanthrene	0.20 ng/g				
					Pyrene	0.16 ng/g				
DIOXINS PCB	None Provided			Dairy Egg Meat Processed Products	See Appendix 4c	See Appendix 4a, 4b		Confirmation is not required since only high-resolution MS methods will be considered.	20	All Analytes are to be reported in (units) using the MS Excel template provided in pg/g as illustrated in Appendix 4c
DIOXIN AND DIOXIN- LIKE CONGENERS	None Provided			Dairy Egg Meat Processed Products	See Appendix 4d	See Appendix 4a, 4b		Confirmation is not required since only high-resolution MS methods will be considered.	20	All Analytes are to be reported in (units) using the MS Excel template provided in pg/g as illustrated in Appendix 4d

a: SOP provided must clearly indicate the method has been validated in the specified food group
b: The SOP provided must clearly indicate the stated level of detection/quantification , otherwise it will be rejected

c: Any stated confirmation procedures must provide for a minimum of 4 identification points as described in the Official Journal of the European Communities, "COMMISSION DECISION of 12 August 2002 implementing Council Directive 96/23/EC concerning the performance of analytical methods and the interpretation of results" http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2002:221:0008:0036:EN:PDF
d: Pesticides that consist of two or more isomers shall be reported as the total, as opposed to the individual isomers, according the residue definitions provided by Health Canada at: http://www.hc-sc.gc.ca/cps-spc/pest/part/protect-proteger/food-nourriture/mrl-definitions-lmr/index-eng.php unless requested otherwise by the Technical Authority

Appendix 2

Table 1

Detection limits required for metals in elements in various food types (µg/g)

Residue	Dairy	Egg	Honey	Meat	Fresh	Processed
AL	0.02	0.5	0.5	0.2	0.2	0.2
AS	0.005	0.04	0.05	0.005	0.005	0.005
B	0.05	0.05	0.05	0.05	0.05	0.05
BE	0.05	0.05	0.05	0.05	0.05	0.05
CD	0.005	0.01	0.05	0.005	0.005	0.005
CR	0.02	0.02	0.02	0.02	0.02	0.02
CU	0.05	0.5	0.5	0.5	0.5	0.5
FE	0.5	0.5	0.5	0.5	0.5	0.5
HG	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
MG	0.05	0.05	0.05	0.05	0.05	0.05
MO	0.05	0.05	0.05	0.05	0.05	0.05
MN	0.05	0.05	0.05	0.05	0.05	0.05
NI	0.02	0.02	0.02	0.02	0.02	0.02
PB	0.005	0.04	0.05	0.005	0.005	0.005
SB	0.05	0.05	0.05	0.05	0.05	0.05
SE	0.02	0.02	0.05	0.02	0.02	0.02
SN	0.2	0.2	0.2	0.2	0.2	0.2
TI	0.05	0.05	0.05	0.05	0.05	0.05
ZN	0.2	0.5	0.2	0.2	0.2	0.2

Appendix 2

Table 2
Residues and Required LODs for Pesticides-GC

No	Analyte	MDL (µg/g)	LOQ (µg/g)
1	Acephate	0.01	0.03
2	Acibenzolar-s-methyl	0.003	0.01
3	Alachlor	0.002	0.01
4	Aldrin	0.003	0.01
5	Allidochlor	0.003	0.01
6	BHC Alpha	0.003	0.01
7	Endosulfan alpha	0.004	0.02
8	Ametryn	0.003	0.01
9	Aramite	0.005	0.01
10	Aspon	0.006	0.01
11	Atrazine	0.003	0.01
12	Azinphos-ethyl	0.007	0.01
13	Azinphos-methyl	0.006	0.02
14	Azoxystrobin	0.003	0.01
15	Benalaxyl	0.003	0.01
16	Benfluralin	0.004	0.01
17	Benodanil	0.004	0.01
18	Benzoylprop-ethyl	0.004	0.01
19	BHC beta	0.003	0.01
20	Endosulfan beta	0.004	0.02
21	Bifenox	0.003	0.01
22	Bifenthrin	0.003	0.01
23	Biphenyl	0.003	0.01
24	Bromacil	0.005	0.03
25	Bromophos	0.003	0.01
26	Bromophos-ethyl	0.005	0.015
27	Bromopropylate	0.003	0.015
28	Bupirimate	0.003	0.015
29	Buprofezin	0.002	0.01
30	Butachlor	0.003	0.01
31	Butralin	0.003	0.02
32	Butylate	0.003	0.01
33	Captafol	0.008	0.05
34	Captan	0.004	0.02
35	Carbetamide	0.015	0.04
36	Carbofenthion	0.004	0.01
37	Carboxin	0.003	0.01
38	Chlorbenside	0.003	0.01
39	Chlorbromuron	0.01	0.05

No	Analyte	MDL (µg/g)	LOQ (µg/g)
40	Chlorbufam	0.003	0.02
41	Chlordane cis	0.003	0.01
42	Chlordane trans	0.003	0.01
43	Chlordimeform	0.004	0.01
44	Chlorfenson	0.003	0.01
45	Chlorfenvinphos (e+z)	0.006	0.01
46	Chlorflurenol-methyl	0.005	0.01
47	Chloridazon	0.004	0.02
48	Chlormephos	0.004	0.01
49	Chlorobenzilate	0.005	0.01
50	Chloroneb	0.003	0.01
51	Chloropropylate	0.003	0.01
52	Chlorothalonil	0.01	0.04
53	Chlorpropham	0.003	0.01
54	Chlorpyrifos	0.003	0.01
55	Chlorpyriphos-methyl	0.003	0.01
56	Chlorthiamid	0.01	0.04
57	Chlorthion	0.005	0.03
58	Chlorthiophos	0.003	0.01
59	Chlozolinate	0.003	0.01
60	Clomazone	0.003	0.01
61	Coumaphos	0.006	0.015
62	Crotoxyphos	0.006	0.02
63	Crufomate	0.006	0.015
64	Cyanazine	0.017	0.01
65	Cyanophos	0.002	0.02
66	Cycloate	0.005	0.02
67	Cyfluthrin (I,II,III,IV)	0.008	0.02
68	Cyhalothrin-lambda	0.003	0.01
69	Cypermethrin	0.005	0.02
70	Cyprazine	0.003	0.01
71	Cyproconazole	0.006	0.02
72	Cyprodinil	0.003	0.01
73	Dacthal (chlorthal-dimethyl)	0.003	0.01
74	delta-HCH (delta-lindane)	0.003	0.01
75	Deltamethrin	0.005	0.02
76	delta-trans-allethrin	0.003	0.01
77	Demeton-O	0.005	0.02
78	Demeton-S	0.005	0.02
79	Demeton-S-methyl	0.005	0.02
80	Des-ethyl Atrazine	0.003	0.01

No	Analyte	MDL (µg/g)	LOQ (µg/g)
81	Desmetryn	0.005	0.02
82	Di-allate	0.003	0.01
83	Dialofos	0.005	0.015
84	Diazinon	0.003	0.01
85	Diazinon o analogue	0.003	0.01
86	Dichlobenil	0.003	0.01
87	Dichlofluanid	0.007	0.03
88	Dichloran	0.006	0.02
89	Dichlormid	0.004	0.02
90	Dichlorvos	0.004	0.02
91	Diclobutrazole	0.003	0.01
92	Diclofenthion	0.003	0.01
93	Diclofop-methyl	0.002	0.01
94	Dicofol	0.007	0.02
95	Dicrotophos	0.007	0.02
96	Dieldrin	0.007	0.02
97	Diethatyl-ethyl	0.002	0.01
98	Dimethachlor	0.002	0.01
99	Dimethoate	0.003	0.02
100	Dinitramine	0.003	0.015
101	Dioxathion	0.003	0.04
102	Diphenamid	0.008	0.01
103	Diphenylamine	0.004	0.01
104	Disulfoton	0.003	0.01
105	Disulfoton sulfone	0.003	0.01
106	Edifenphos	0.003	0.01
107	Endosulfan sulfate	0.003	0.01
108	Endrin	0.004	0.01
109	EPN	0.007	0.02
110	EPTC	0.006	0.02
111	Erbon	0.003	0.02
112	Esfenvalerate	0.003	0.01
113	Etaconazole	0.003	0.01
114	Ethalfluralin	0.004	0.02
115	Ethion	0.003	0.01
116	Ethofumsate	0.003	0.01
117	Ethoprophos	0.003	0.01
118	Ethylan	0.003	0.01
119	Etridiazole	0.003	0.01
120	Etrimfos	0.003	0.01
121	Fenamiphos	0.006	0.02

No	Analyte	MDL (µg/g)	LOQ (µg/g)
122	Fenamiphos sulfone	0.006	0.02
123	Fenamiphos sulfoxide	0.006	0.02
124	Fenarimol	0.004	0.015
125	Fenbuconazole	0.003	0.01
126	Fenchlorophos (Ronnel)	0.003	0.01
127	Fenfuram	0.003	0.01
128	Fenhexamid	0.005	0.01
129	Fenitrothion	0.003	0.01
130	Fenpropathrin	0.003	0.01
131	Fenpropimorph	0.003	0.01
132	Fenson	0.003	0.01
133	Fensulfothion	0.005	0.02
134	Fenthion	0.006	0.02
135	Fenvalerate	0.005	0.02
136	Flamprop-isopropyl	0.003	0.01
137	Flamprop-methyl	0.006	0.02
138	Fluchloralin	0.003	0.01
139	Flucythrinate	0.006	0.02
140	Fludioxonil	0.003	0.01
141	Flumetralin	0.003	0.01
142	Fluorochloridone	0.003	0.01
143	Fluorodifen	0.008	0.02
144	Flusilazole	0.003	0.01
145	Fluvalinate	0.007	0.02
146	Folpet	0.02	0.04
147	Fonofos	0.003	0.01
148	Heptachlor	0.003	0.01
149	Heptachlor epoxide endo	0.007	0.02
150	Heptanophos	0.007	0.02
151	Hexachlorobenzene	0.007	0.02
152	Hexaconazole	0.003	0.01
153	Hexazinone	0.003	0.01
154	Imazalil	0.015	0.04
155	Iodofenphos	0.003	0.01
156	Iprobenfos	0.003	0.01
157	Iprodione	0.009	0.03
158	Isazophos	0.003	0.01
159	Isofenphos	0.003	0.01
160	Isopropalin	0.003	0.01
161	Isoprothiolane	0.004	0.01
162	Kresoxim-methyl	0.003	0.01

No	Analyte	MDL (µg/g)	LOQ (µg/g)
163	Leptophos	0.003	0.01
164	Lindane (gamma-BHC)	0.003	0.01
165	Linuron	0.01	0.04
166	Malaoxon	0.003	0.01
167	Malathion	0.003	0.01
168	Mecarbam	0.003	0.01
169	Metalaxyl	0.003	0.01
170	Metazachlor	0.003	0.01
171	Methamidophos	0.005	0.02
172	Methidathion	0.004	0.015
173	Methoprotryne	0.004	0.01
174	Methoxychlor	0.004	0.01
175	Methyl - trithion	0.005	0.015
176	Methyl Pentachlorophenyl sulphide	0.005	0.015
177	Metobromuron	0.004	0.02
178	Metolachlor	0.003	0.01
179	Metribuzin	0.006	0.02
180	Mevinphos-cis	0.003	0.01
181	Mevinphos-trans	0.006	0.02
182	Mexacarbate	0.003	0.01
183	Mirex	0.003	0.01
184	Monocrotophos	0.007	0.02
185	Monolinuron	0.01	0.04
186	Myclobutanil	0.003	0.01
187	Naled	0.004	0.01
188	Nitralin	0.003	0.01
189	Nitrapyrin	0.003	0.01
190	Nitrofen	0.003	0.01
191	Nitrothal-isopropyl	0.003	0.01
192	Norflurazon	0.003	0.01
193	Nuarimol	0.003	0.01
194	O-PHENYLPHENOL	0.003	0.01
195	o,p'-DDD (o,p'-TDE)	0.003	0.01
196	o,p'-DDT	0.003	0.01
197	Octhilinone	0.007	0.02
198	Omethoate	0.01	0.04
199	Oxadiazon	0.004	0.015
200	Oxadixyl	0.004	0.015
201	Oxycarboxin	0.02	0.04
202	Oxychlordane	0.025	0.04
203	Oxyflurofen	0.003	0.01

No	Analyte	MDL (µg/g)	LOQ (µg/g)
204	p,p'-DDD (p,p'-TDE)	0.003	0.01
205	p,p'-DDE	0.003	0.01
206	p,p'-DDT	0.003	0.01
207	Paraoxon	0.015	0.04
208	Parathion	0.01	0.03
209	Parathion-methyl	0.01	0.03
210	Pebulate	0.003	0.01
211	Penconazole	0.003	0.01
212	Pendimethalin	0.003	0.01
213	Permethrin cis	0.003	0.01
214	Permethrin trans	0.003	0.01
215	Phenthoate	0.003	0.01
216	Phorate	0.003	0.01
217	Phorate sulfone	0.003	0.01
218	Phosalone	0.003	0.01
219	Phosmet	0.003	0.01
220	Phosphamidon	0.003	0.01
221	Piperonyl butoxide	0.003	0.01
222	Pirimicarb	0.003	0.01
223	Pirimiphos-ethyl	0.003	0.01
224	Pirimiphos-methyl	0.003	0.01
225	Prochloraz	0.005	0.015
226	Procymidone	0.003	0.01
227	Profenofos	0.003	0.01
228	Profluralin	0.003	0.01
229	Prometon	0.003	0.01
230	Prometryne	0.003	0.01
231	Pronamide	0.003	0.01
232	Propachlor	0.003	0.02
233	Propanil	0.003	0.01
234	Propargite	0.008	0.02
235	Propazine	0.003	0.01
236	Propetamphos	0.007	0.03
237	Propham	0.006	0.02
238	Propiconazole	0.007	0.02
239	Prothiophos	0.003	0.01
240	Pyracarbolid	0.003	0.01
241	Pyrazophos	0.003	0.01
242	Pyridaben	0.003	0.01
243	Quinalphos	0.003	0.01
244	Quinomethionate	0.02	0.06

No	Analyte	MDL (µg/g)	LOQ (µg/g)
245	Quintozene	0.003	0.01
246	Schradan	0.005	0.015
247	Secbumeton	0.003	0.01
248	Simazine	0.003	0.01
249	Simetryn	0.003	0.01
250	Sulfallate	0.003	0.01
251	Sulfotep	0.003	0.01
252	Sulprophos	0.003	0.01
253	TCMTB	0.006	0.02
254	Tebuconazole	0.003	0.01
255	Tecnazene	0.003	0.01
256	Terbacil	0.003	0.01
257	Terbufos	0.008	0.02
258	Terbumeton	0.003	0.01
259	Terbutryne	0.003	0.01
260	Terbutylazine	0.003	0.01
261	Tetrachlorvinphos	0.003	0.01
262	Tetradifon	0.008	0.02
263	Tetraiodoethylene	0.027	0.1
264	Tetramethrin	0.003	0.01
265	Tetrasul	0.006	0.02
266	Thiobencarb	0.003	0.01
267	Tolclofos-methyl	0.003	0.01
268	Tolyfluanid	0.003	0.01
269	Triadimefon	0.003	0.01
270	Triadimenol	0.005	0.015
271	Tri-allate	0.003	0.01
272	Triazophos	0.005	0.015
273	Tribufos	0.003	0.01
274	Tricyclazole	0.006	0.02
275	Trifloxystrobin	0.003	0.01
276	Triflumizole	0.01	0.03
277	Trifluralin	0.003	0.01
278	Vernolate	0.006	0.02
279	Vinclozolin	0.003	0.01

Appendix 2

Table 3
Pesticide Residues for PESTICIDES-LC

No	Analyte	MDL (µg/g)
1	3-hydroxyCarbofuran	0.01
2	ABAMECTIN	0.01
3	Acetochlor	0.01
4	Aclonifen	0.01
5	Aldicarb	0.01
6	Aldicarb Sulfone	0.01
7	Aldicarb sulfoxide	0.01
8	Anilofos	0.01
9	Azaconazole	0.01
10	Benomyl	0.01
11	Benoxacor	0.01
12	Bitertanol	0.01
13	Bromuconazole	0.01
14	Butafenacil	0.01
15	Butocarboxim	0.01
16	Butocarboxim sulfoxide	0.01
17	Cadusafos	0.01
18	CARBARYL	0.01
19	Carbendazim	0.01
20	Carbetamide	0.01
21	Carbofuran	0.01
22	Carbosulfan	0.01
23	Carfentrazone-ethyl	0.01
24	CHLORANTRANILIPROLE	0.01
25	Chlorbromuron	0.01
26	Chloridazon	0.01
27	Chlorimuron-ethyl	0.01
28	Chloroxuron	0.01
29	Chlorthiamid	0.01
30	Chlortoluron	0.01
31	Clodinafop-propargyl	0.01
32	Cloquintocet-mexyl	0.01
33	Clothianidin	0.01
34	Cyanofenphos	0.01
35	Cycloxydim	0.01
36	Cycluron	0.01
37	Cyromazine	0.01
38	Demeton-s-methyl sulfone	0.01
39	Demeton-s-methyl sulfoxide	0.01
40	Desmedipham	0.01

No	Analyte	MDL (µg/g)
41	Dialofos	0.01
42	Diclocymet	0.01
43	Diethofencarb	0.01
44	Difenoconazole	0.01
45	Dimethametryn	0.01
46	Dimethomorph	0.01
47	Dimetilan	0.01
48	Dimoxystrobin	0.01
49	Diniconazole	0.01
50	Dioxacarb	0.01
51	Dipropetryn	0.01
52	Diuron	0.01
53	Dodemorph	0.01
54	Emamectin	0.01
55	Epoxiconazole	0.01
56	Ethiofencarb	0.01
57	Ethiofencarb sulfone	0.01
58	Ethiofencarb sulfoxide	0.01
59	Ethiprole	0.01
60	Ethirimol	0.01
61	Ethoprop	0.01
62	Ethoprophos	0.01
63	Etofenprox	0.01
64	Etoxazole	0.01
65	Fenamidone	0.01
66	Fenazaquin	0.01
67	Fenhexamid	0.01
68	Fenoxanil	0.01
69	Fenpropidin	0.01
70	Fenpropimorph	0.01
71	Fenpyroximate	0.01
72	Fentrazamide	0.01
73	Fluazifop-butyl	0.01
74	Flucarbazone-sodium	0.01
75	Fluoxastrobin	0.01
76	Flutolanil	0.01
77	Flutriafol	0.01
78	Forchlorfenuron	0.01
79	Formetanate	0.01
80	Fosthiazate	0.01
81	Fuberidazole	0.01
82	Furathiocarb	0.01

No	Analyte	MDL (µg/g)
83	Griseofulvin	0.01
84	Haloxyfop	0.01
85	Imazamethabenz-methyl	0.01
86	Imidacloprid	0.01
87	Indoxacarb	0.01
88	Ipconazole	0.01
89	Iprovalicarb	0.01
90	Isocarbamide	0.01
91	Isoprocarb	0.01
92	Isoxadifen-ethyl	0.01
93	Isoxathion	0.01
94	Linuron	0.01
95	Mandipropamid	0.01
96	Mebendazole	0.01
97	Mepanipyrim	0.01
98	Mephosfolan	0.01
99	Methabenzthiazuron	0.01
100	Methidathion	0.01
101	Methiocarb	0.01
102	Methiocarb sulfone	0.01
103	Methiocarb Sulfoxide	0.01
104	Methomyl	0.01
105	Methoxyfenozide	0.01
106	Metolcarb	0.01
107	Metosulam	0.01
108	Metoxuron	0.01
109	Mexacarbate	0.01
110	Molinate	0.01
111	Monocrotophos	0.01
112	Napropamide	0.01
113	Naptalam	0.01
114	Neburon	0.01
115	Ofurace	0.01
116	Oxadixyl	0.01
117	Oxamyl	0.01
118	Oxamyl oxime	0.01
119	Oxycarboxin	0.01
120	Paclobutrazol	0.01
121	Pencycuron	0.01
122	Penoxsulam	0.01
123	Picolinafen	0.01
124	Picoxystrobin	0.01

No	Analyte	MDL (µg/g)
125	Piperophos	0.01
126	Pretilachlor	0.01
127	Primisulfuron-methyl	0.01
128	Prodiamine	0.01
129	Propamocarb	0.01
130	Propoxur	0.01
131	Pymetrozine	0.01
132	Pyraclostrobin	0.01
133	Pyraflufen-ethyl	0.01
134	Pyridalyl	0.01
135	Pyridaphenthion	0.01
136	Pyridate	0.01
137	Pyrifenox	0.01
138	Pyrimethanil	0.01
139	Pyriproxyfen	0.01
140	Pyroquilon	0.01
141	Pyroxsulam	0.01
142	Quinoxyfen	0.01
143	Quizalofop	0.01
144	Quizalofop-ethyl	0.01
145	Schradan	0.01
146	Simeconazole	0.01
147	Spinosyn A	0.01
148	Spinosyn D	0.01
149	Spirodiclofen	0.01
150	Spiromesifen	0.01
151	SPIROTETRAMAT	0.01
152	Spiroxamine	0.01
153	Sulfentrazone	0.01
154	Tebufenozide	0.01
155	Tebufenpyrad	0.01
156	Tebupirimfos	0.01
157	Tepraloxydim	0.01
158	Tetraconazole	0.01
159	Thiabendazole	0.01
160	Thiacloprid	0.01
161	Thiamethoxam	0.01
162	Thiazopyr	0.01
163	Thiodicarb	0.01
164	Thiofanox	0.01
165	Thiofanox sulfone	0.01
166	Thiofanox sulfoxide	0.01

No	Analyte	MDL (µg/g)
167	Thiophanate methyl	0.01
168	Tolfenpyrad	0.01
169	Tolyfluanid	0.01
170	Tralkoxydim	0.01
171	Trichlorfon	0.01
172	Tricyclazole	0.01
173	Trietazine	0.01
174	Trifloxysulfuron	0.01
175	Triforine	0.01
176	Trimethacarb	0.01
177	Zinophos	0.01
178	Zoxamide	0.01

Appendix 2

Table 4
Pesticide Residues and Required LODs for PESTICIDES-M

Compound #	Analyte	MDL (µg/g)
1	Alachlor	0.01
2	Aldrin	0.025
3	Benoxacor	0.005
4	Bifenthrin	0.005
5	Boscalid	0.015
6	Buprofezin	0.025
7	Carfentrazone ethyl	0.005
8	Chlordane cis	0.005
9	Chlordane trans	0.005
10	Chloroneb	0.01
11	Chlorpropham	0.03
12	Chlorpyrifos	0.0075
13	Chlorpyrifos methyl	0.005
14	L-Cyhalothrin	0.005
15	Cypermethrin	0.015
16	DDD-op	0.05
17	DDD-pp	0.05
18	DDE-op	0.05
19	DDE-pp	0.05
20	DDT-op DDT-pp	0.10
21	Deltamethrin	0.01
22	Dichlorvos (DDVP)	0.015
23	Dieldrin	0.025
24	Difenoconazole	0.015
25	Endosulfan I	0.05
26	Endosulfan II	0.05

Compound #	Analyte	MDL (µg/g)
27	Endosulfan sulfate	0.005
28	Fenoxaprop-ethyl	0.01
29	Fenpropathrin	0.025
30	Fenvalerate	0.01
31	Fipronil	0.005
32	Fipronil desulfinyl	0.01
33	Fipronil sulfide	0.01
34	Fluridone	0.025
35	Fluvalinate	0.01
36	Heptachlor	0.025
37	Hexazinone	0.03
38	Malathion	0.04
39	Metolachlor	0.01
40	Metribuzin	0.05
41	Mirex	0.01
42	Nonachlor trans	0.005
43	Oxychlordane	0.01
44	Permethrin (cis & trans)	0.015
45	Piperonyl butoxide	0.0225
46	Pronamide	0.005
47	Propachlor	0.01
48	Propanil	0.025
49	Propetamphos	0.01
50	Propiconazole	0.015
51	Pyriproxyfen	0.02
52	Resmethrin (cis & trans)	0.05
53	Tefluthrin	0.005
54	3-Hydroxycarbofuran	0.02
55	Acephate	0.01
56	Acetamiprid	0.01
57	Atrazine	0.01
58	Azoxystrobin	0.01
59	Carbaryl	0.025
60	Carbofuran	0.01
61	Carboxin	0.01
62	Clofentezine	0.025
63	Clothianidin	0.01
64	Coumaphos O	0.01
65	Coumaphos S	0.01
66	De-Ethyl Atrazine	0.01
67	Diflubenzuron	0.025
68	Diuron	0.08
69	Ethofumesate	0.02

Compound #	Analyte	MDL (µg/g)
70	Fluroxypyr-1-Methylhepyl-Ester	0.01
71	Imazalil	0.01
72	Imidacloprid	0.025
73	Indoxacarb	0.05
74	Linuron	0.025
75	Metalaxyl	0.01
76	Methomyl	0.03
77	Methoxyfenozide	0.01
78	Myclobutanil	0.01
79	Norflurazon	0.01
80	Profenofos	0.01
81	Pyraclostrobin	0.05
82	Pyridaben	0.01
83	Simazine	0.01
84	Tebufenozide	0.04
85	Thiabendazole	0.015
86	Thiamethoxam	0.01
87	Thiobencarb	0.05
88	Trifloxystrobin	0.01

Appendix 2

Table 5
Pesticide Residues and Required LODs for PESTICIDES-OC

	Analyte	Dairy		Egg	
		DL (µg/g)	LOQ (µg/g)	DL (µg/g)	LOQ (µg/g)
1	Alachlor	0.0003	0.001	0.003	0.01
2	Alachlor metabolite(2-chloro-2',6'-diethylanilide)	0.008	0.03	0.008	0.03
3	Aldrin	0.003	0.01	0.003	0.01
4	BHC Alpha	0.003	0.01	0.003	0.01
5	BHC beta	0.003	0.01	0.003	0.01
6	Chlordane cis	0.003	0.01	0.003	0.01
7	Chlordane trans	0.003	0.01	0.003	0.01
8	Chlorpyrifos	0.003	0.01	0.003	0.01
9	Cyfluthrin (I,II,III,IV)	0.009	0.05	0.003	0.01
10	Dicofol	0.009	0.05	0.003	0.01
11	Dieldrin	0.003	0.01	0.003	0.01
12	Endosulfan alpha	0.003	0.01	0.003	0.01
13	Endosulfan beta	0.003	0.01	0.003	0.01
14	Endosulfan sulfate	0.003	0.01	0.003	0.01
15	Endrin	0.003	0.01	0.003	0.01
16	Fenchlorophos (Ronnel)	0.003	0.01	0.003	0.01
17	Heptachlor	0.003	0.01	0.003	0.01
18	Heptachlor epoxide endo	0.003	0.01	0.003	0.01
19	Hexachlorobenzene	0.003	0.01	0.003	0.01
20	Lindane (gamma-BHC)	0.003	0.01	0.003	0.01

21	Methoxychlor	0.009	0.05	0.003	0.01
22	Mirex	0.009	0.05	0.003	0.01
23	Myclobutanil	0.009	0.05	0.008	0.02
24	o,p'-DDD (o,p'-TDE)	0.008	0.02	0.003	0.01
25	o,p'-DDT	0.008	0.02	0.003	0.01
26	Oxychlordane	0.003	0.01	0.003	0.01
27	p,p'-DDD (p,p'-TDE)	0.003	0.01	0.003	0.01
28	p,p'-DDE	0.003	0.01	0.003	0.01
29	p,p'-DDT	0.003	0.01	0.003	0.01
30	Permethrin cis	0.009	0.05	0.003	0.01
31	Permethrin trans	0.009	0.05	0.003	0.01
32	Quizalofop-ethyl	0.003	0.01	0.008	0.02
33	Tefluthrin	0.0003	0.001	0.003	0.01

Appendix 2

Table 6
Pesticide Residues and Required LODs for PESTICIDES-GRAINS

Compound #	Analyte	DL (µg/g)
1	atrazine	0.005
2	azoxystrobin	0.005
3	bromopropylate	0.005
4	carbaryl	0.04
5	cis-chlordane	0.01
6	chlorothalonil	0.1
7	chlorpyrifos	0.01
8	chlorpyrifos-methyl	0.005
9	coumaphos	0.35
10	cypermethrin	0.3
11	p,p'-DDE	0.005
12	o,p'-DDT	0.01
13	deltamethrin	0.1
14	dichlorvos	0.01
15	dimethoate	0.06
16	endosulfan sulfate	0.3
17	ethoprophos	0.005
18	fenthion	0.005
19	folpet	0.1
20	heptachlor	0.005
21	hexachlorobenzene	0.005
22	lindane	0.03
23	malathion	0.01
24	metolachlor	0.005
25	mirex	0.005
26	oxyfluorfen	0.01
27	permethrin	0.1
28	pirimiphos-methyl	0.005
29	quintozene	0.005
30	tolylfluanid	0.1
31	trifluralin	0.005
32	vinclozolin	0.005

Food Item:	
Food Origin or Source	
Country of Origin:	
CFIA Sample ID Number:	
Lab Number:	
Date Sampled:	
Date Received:	
Region:	
EST NO:	

Compounds	Conc	MDL	% Recovery d13 Surrogates
Acenaphthene		0.038	
Acenaphthylene		0.025	58
Anthracene		0.038	74
Benzo(a)anthracene		0.013	73
Benzo(a)pyrene		0.038	57
Benzo(b)fluoranthene		0.038	78
Benzo(g,h,i)perylene		0.050	67
Benzo(k)fluoranthene		0.050	76
Chrysene		0.025	75
Dibenzo(a,h)anthracene		0.088	57
Fluoranthene		0.013	73
Fluorene		0.038	
Indeno(1,2,3-cd)pyrene		0.063	65
Naphthalene		0.075	66
Phenanthrene		0.025	71
Pyrene		0.013	

Total PAH	0.2123

MDL=METHOD DETECTION LIMIT (The value should be the detection in your method)
CONC. UNITS = ng/g
MDL Units = ng/g

Appendix 4a

Toxic Equivalency Factors and sensitivity for dioxins and dioxin like compounds

CHLORINATED DIBENZODIOXINS	Detection Limit Required (pg/g fat)	TEF
2,3,7,8-TCDD	0.1	1.0
1,2,3,7,8-PeCDD	0.1	1.0
1,2,3,4,7,8-HxCDD	0.2	0.1
1,2,3,6,7,8-HxCDD	0.2	0.1
1,2,3,7,8,9-HxCDD	0.2	0.1
1,2,3,4,6,7,8-HpCDD	0.2	0.01
1,2,3,4,6,7,8,9-OCDD	0.5	0.0003
CHLORINATED DIBENZOFURANS		
2,3,7,8-TCDF	0.1	0.1
1,2,3,7,8-PeCDF	0.2	0.03
2,3,4,7,8-PeCDF	0.1	0.3
1,2,3,4,7,8-HxCDF	0.1	0.1
1,2,3,6,7,8-HxCDF	0.2	0.1
1,2,3,7,8,9-HxCDF	0.2	0.1
2,3,4,6,7,8-HxCDF	0.2	0.1
1,2,3,4,6,7,8-HpCDF	0.2	0.01
1,2,3,4,7,8,9-HpCDF	0.2	0.01
1,2,3,4,6,7,8,9-OCDF	0.2	0.0003
PCBs with assigned toxic equivalency factors		
3,3',4,4'-TeCB (PCB 77)	0.5	0.0001
3,4, 4',5-TeCB (PCB 81)	0.5	0.0003
2,3,3',4,4'-PeCB (PCB 105)	0.5	0.00003
2,3,4,4',5-PeCB (PCB 114)	0.5	0.00003
2,3',4,4',5-PeCB (PCB 118)	0.5	0.00003
2',3,4,4',5-PeCB (PCB 123)	0.5	0.00003
3,3',4,4',5-PeCB (PCB 126)	0.5	0.1
2,3,3',4,4',5-HxCB (PCB 156)	0.5	0.00003
2,3,3',4,4',5'-HxCB (PCB 157)	0.5	0.00003
2,3',4,4',5,5'-HxCB (PCB 167)	0.5	0.00003
3,3',4,4',5,5'-HxCB (PCB 169)	0.5	0.03
2,3,3',4,4',5,5'-HpCB (PCB 189)	0.5	0.00003

* Toxic Equivalence Factor are based upon WHO/2005 estimates except for the congener PCB 170 and PCB 180 which are based upon WHO/94 estimated toxicity factors.

The CFIA does not provide a reference method for dioxins, furans and dioxin like PCBs in fatty foods. The acceptable method will be a third party accredited SOP based upon MS detection and confirmation of residues in foods.

Environmental methods will not be an acceptable alternative for a food method.

The sensitivity and scope of the method SOP provided must meet or surpass the criteria detailed in the above table.

Appendix 4b

Sensitivity and scope required for PCB congeners

Number	Congener	Det. Lmt. (pg/g)	Number	Congener	Det. Lmt. (pg/g)
PCB #001	2-Chlorobiphenyl	1.0	PCB #128	2,2',3,3',4,4'-Hexachlorobiphenyl	0.5
PCB #003	4-Chlorobiphenyl	1.0	PCB #129	2,2',3,3',4,5-Hexachlorobiphenyl	0.5
PCB #004	2,2'-Dichlorobiphenyl	1.0	PCB #137	2,2',3,4,4',5-Hexachlorobiphenyl	0.5
PCB #008	2,4'-Dichlorobiphenyl	1.0	PCB #138	2,2',3,4,4',5'-Hexachlorobiphenyl	0.5
PCB #010	2,6-Dichlorobiphenyl	1.0	PCB #141	2,2',3,4,5,5'-Hexachlorobiphenyl	0.5
PCB #015	4,4'-Dichlorobiphenyl	1.0	PCB #149	2,2',3,4,5',6-Hexachlorobiphenyl	0.5
PCB #018	2,2',5-Trichlorobiphenyl	0.5	PCB #151	2,2',3,5,5',6-Hexachlorobiphenyl	0.5
PCB #019	2,2',6-Trichlorobiphenyl	0.5	PCB #153	2,2',4,4',5,5'-Hexachlorobiphenyl	0.5
PCB #022	2,3,4'-Trichlorobiphenyl	0.5	PCB #155	2,2',4,4',6,6'-Hexachlorobiphenyl	0.5
PCB #028	2,4,4'-Trichlorobiphenyl	0.5	PCB #156	2,3,3',4,4',5-Hexachlorobiphenyl	0.5
PCB #033	2',3,4'-Trichlorobiphenyl	0.5	PCB #157	2,3,3',4,4',5'-Hexachlorobiphenyl	0.5
PCB #037	3,4,4'-Trichlorobiphenyl	0.5	PCB #158	2,3,3',4,4',6-Hexachlorobiphenyl	0.5
PCB #040	2,2',3,3'-Tetrachlorobiphenyl	0.5	PCB #167	2,3',4,4',5,5'-Hexachlorobiphenyl	0.5
PCB #041	2,2',3,4-Tetrachlorobiphenyl	0.5	PCB #168	2,3',4,4',5',6-Hexachlorobiphenyl	0.5
PCB #044	2,2',3,5-Tetrachlorobiphenyl	0.5	PCB #169	3,3',4,4',5,5'-Hexachlorobiphenyl	0.5
PCB #049	2,2',4,5'-Tetrachlorobiphenyl	0.5	PCB #170	2,2',3,3',4,4',5-Heptchlorobiphenyl	0.5
PCB #052	2,2',5,5'-Tetrachlorobiphenyl	0.5	PCB #171	2,2',3,3',4,4',6-Heptchlorobiphenyl	0.5
PCB #054	2,2',6,6''-Tetrachlorobiphenyl	0.5	PCB #177	2,2',3,3',4',5,6-Heptchlorobiphenyl	0.5
PCB #060	2,3',4,4'-Tetrachlorobiphenyl	0.5	PCB #178	2,2',3,3',5,5',6-Heptchlorobiphenyl	0.5
PCB #066	2,3',4,4'-Tetrachlorobiphenyl	0.5	PCB #180	2,2',3,4,4',5,5'-Heptchlorobiphenyl	0.5
PCB #070	2,3',4',5-Tetrachlorobiphenyl	0.5	PCB #183	2,2',3,4,4',5',6-Heptchlorobiphenyl	0.5
PCB #074	2,4,4',5-Tetrachlorobiphenyl	0.5	PCB #187	2,2',3,4',5,5',6-Heptchlorobiphenyl	0.5
PCB #077	3,3',4,4'-Tetrachlorobiphenyl	0.5	PCB #188	2,2',3,4',5,6,6'-Heptchlorobiphenyl	0.5
PCB #081	3,4,4',5-Tetrachlorobiphenyl	0.5	PCB #189	2,3,3',4,4',5,5'-Heptchlorobiphenyl	0.5

PCB #087	2,2',3,4,5'-Pentachlorobiphenyl	0.5	PCB #191	2,3,3',4,4',5',6-Heptchlorobiphenyl	0.5
PCB #095	2,2',3,5',6-Pentachlorobiphenyl	0.5	PCB #193	2,3,3',4',5,5',6-Heptchlorobiphenyl	0.5
PCB #099	2,2',4,4',5-Pentachlorobiphenyl	0.5	PCB #194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	0.5
PCB #104	2,2',4,6,6'-Pentachlorobiphenyl	0.5	PCB #199	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	0.5
PCB #105	2,3,3',4,4'-Pentachlorobiphenyl	0.5	PCB #201	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	0.5
PCB #110	2,3,3',4',6'-Pentachlorobiphenyl	0.5	PCB #202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	0.5
PCB #114	2,3,4,4',5-Pentachlorobiphenyl	0.5	PCB #203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	0.5
PCB #118	2,3',4,4',5-Pentachlorobiphenyl	0.5	PCB #205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	0.5
PCB #119	2,3',4,4',6-Pentachlorobiphenyl	0.5	PCB #206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	0.5
PCB #123	2',3,4,4',5-Pentachlorobiphenyl	0.5	PCB #208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	0.5
PCB #126	3,3',4,4',5-Pentachlorobiphenyl	0.5	PCB #209	Decachlorobiphenyl	0.5

The CFIA does not provide a reference method for trace PCBs in fatty foods. The acceptable method will be a third party accredited SOP based upon MS detection and confirmation of residues in foods.

Environmental methods will not be an acceptable alternative for a food method.

The sensitivity and scope of the method SOP provided must meet or surpass (ie more congeners or reduced sensitivities) the criteria identified in the above table.

Appendix 4c

Dioxins/PCB Worksheet

CFIA Sample Number	
ProductType	
Sample Description	
Country of Origin	
Lab ID Number	
Date Sampled	
Date Received	
Region	
EST No	
Fat Content (%)	

Analyte	**CONC**	**MDL**	**TEF**	% RECOVERY **C13 SURROGATES**	LBL	UBL
2378-TCDD	0.000	0.1	1.00000	44	0	0.1
12378-PeCDD	0.000	0.1	1.00000	51	0	0.1
123478-HxCDD	0.000	0.2	0.10000	46	0	0.02
123678-HxCDD	0.000	0.2	0.10000	40	0	0.02
123789-HxCDD	0.000	0.2	0.10000	-	0	0.02
1234678-HpCDD	0.000	0.2	0.01000	69	0	0.002
OCDD	0.813	0.5	0.00030	60	0.000244	0.000244
2378-TCDF	0.000	0.1	0.10000	41	0	0.01
12378-PeCDF	0.000	0.2	0.03000	44	0	0.006
23478-PeCDF	0.132	0.1	0.30000	47	0.03948	0.03948
123478-HxCDF	0.000	0.1	0.10000	47	0	0.01
123678-HxCDF	0.000	0.2	0.10000	41	0	0.02
123789-HxCDF	0.000	0.2	0.10000	59	0	0.02
234678-HxCDF	0.000	0.2	0.10000	56	0	0.02
1234678-HpCDF	0.000	0.2	0.01000	75	0	0.002
1234789-HpCDF	0.000	0.2	0.01000	80	0	0.002
OCDF	0.000	0.2	0.00030	-	0	0.00006
PCB #001 2-chloro	0.0000	10		0		
PCB #003 4-chlorobiphenyl	0.0000	10		0		
PCB #004 22'-Dichloro	0.0000	10		6		
PCB #008 24'-Dichlorobiphenyl	0.0000	10				
PCB #010	0.0000	10				
PCB #015	0.0000	10		113		
PCB #018 22'5-Trichloro	0.0000	10				
PCB #019 22'6-Trichloro	0.0000	10		68		
PCB #022 234'-Trichloro	0.0000	10				
PCB #028 244'-Trichloro	0.0000	26				
PCB #033 2'34'-Trichloro	0.0000	13				
PCB #037	0.0000	13		118		
PCB #040 22'33'-Tetra	0.0000	3				
PCB #041 22'34-Tetra	0.0000	14				
PCB #044 22'35-Tetra	0.0000	10				
PCB #049 22'45'-Tetra	0.0000	10				
PCB #052 22'55'-Tetra	0.0000	12				
PCB #054 22'66''-Tetra	0.0000	10		50		
PCB #060 23'44'-Tetrachlor	0.0000	25				

PCB #066 23'44'-Tetrachlor	0.0000	24				
PCB #070 23'4'5-Tetrachlor	0.0000	10				
PCB #074 244'5-Tetrachloro	0.0000	14				
PCB #077 33'4'4'-Tetrachlo	0.0000	0.5	0.0001	87	0	0.00005
PCB #081 344'5-Tetrachloro	0.0000	0.5	0.0003	100	0	0.00015
PCB #087 22'345'-Pentachl	0.0000	13				
PCB #095 22'35'6-Pentachl	0.0000	10				
PCB #099 22'44'5-Pentachl	54.7903	11				
PCB #104 22'466'-Pentachl	0.0000	10		61		
PCB #105 233'44'-Pentachl	6.1490	0.5	0.00003	88	0.000184	0.000184
PCB #110 233'4'6'-Pentach	0.0000	63				
PCB #114 2344'5-Pentachlo	0.0000	0.5	0.00003	85	0	0.000015
PCB #118 23'44'5-Pentachl	29.3237	0.5	0.00003	86	0.00088	0.00088
PCB #119 23'44'6-Pentachl	0.0000	10				
PCB #123 2'344'5-Pentachl	0.0000	0.5	0.00003	88	0	0.000015
PCB #126 33'44'5-Pentachlo	0.0000	0.1	0.1	87	0	0.01
PCB #128 22'33'44'-Hexac	31.0509	3				
PCB #129 22'33'45-Hexach	0.0000	5				
PCB #137 22'344'5-Hexach	15.8307	10				
PCB #138 22'344'5'-Hexac	163.3775	13				
PCB #141 22'3455'-Hexach	0.0000	2				
PCB #149 22'345'6-Hexach	0.0000	10				
PCB #151 22'355'6-Hexach	0.0000	6				
PCB #153 22'44'55'-Hexach	198.3235	11				
PCB #155	0.0000	10		60		
PCB #156 233'44'5-Hexachl	20.3432	0.5	0.00003	90	0.00061	0.00061
PCB #157 233'44'5'-Hexach	0.0000	0.5	0.00003	86	0	0.000015
PCB #158 233'44'6-Hexachl	25.3172	10				
PCB #167 23'44'55'-Hexach	0.0000	10	0.00003	88	0	0.0003
PCB #168 23'44'5'6-Hexach	0.0000	10				
PCB #169 33'44'55'-Hexach	0.0000	0.1	0.03	89	0	0.003
PCB #170 22'33'44'5-Hept	0.0000	1	0		0	0
PCB #171 22'33'44'6-Hept	0.0000	10	0		0	0
PCB #177 22'33'4'56-Hept	12.7972	10				
PCB #178 22'33'55'6-Hept	0.0000	10				
PCB #180 22'344'55'-Hept	83.1442	3				
PCB #183 22'344'5'6-Hept	16.3742	2				
PCB #187 22'34'55'6-Hept	28.6966	2				
PCB #188	0.0000	10		53		
PCB #189 233'44'55'-Hept	0.0000	5	0.00003	92	0	0.00015
PCB #191 233'44'5'6-Hept	0.0000	1				
PCB #193 233'4'55'6-Hept	0.0000	2				
PCB #194 22'33'44'55'-Octa	16.4734	0.3				
PCB #199 22'33'4566'-Octa	16.0555	10				
PCB #201	0.0000	1				
PCB #202	0.0000	10		63		
PCB #203 22'344'55'6-Octa	9.7444	0.4				

PCB #205 233'44'55'6-Octa	0.0000	10		79		
PCB #206 22'33'44'55'6-Non	0.0000	0.1		74		
PCB #208	0.0000	10		61		
PCB #209	0.0000	0.1		70		
Total PCB	**727.7915**					

Lower Bound Dioxins TEQ	0.00024393
Lower Bound Furans TEQ	0.03948
Lower Bound PCB TEQ	0.001674477
Total Lower Bound TEQ	0.041398407
Upper Bound Dioxins TEQ	0.26224393
Upper Bound Furans TEQ	0.12954
Upper Bound PCB TEQ	0.015369477
Total Upper Bound TEQ	0.407153407

MDL = METHOD DETECTION LIMIT
CONC. UNITS = ppt = pg/g
MDL Units = ppt = pg/g

Attachment 4d

FSAP Dioxins/PCB
Worksheet

CFIA Sample Number	
ProductType	
Sample Description	
Country of Origin	
Lab ID Number	
Date Sampled	
Date Received	
Region	
Lipid content (%)	

Compound	Conc	MDL	TEF	LBL	UBL
2378-TCDD			1	0	0
12378-PeCDD			1	0	0
123478-HxCDD			0.1	0	0
123678-HxCDD			0.1	0	0
123789-HxCDD			0.1	0	0
1234678-HpCDD			0.01	0	0
OCDD			0.0003	0	0
2378-TCDF			0.1	0	0
12378-PeCDF			0.03	0	0
23478-PeCDF			0.3	0	0
123478-HxCDF			0.1	0	0
123678-HxCDF			0.1	0	0
123789-HxCDF			0.1	0	0
234678-HxCDF			0.1	0	0
1234678-HpCDF			0.01	0	0
1234789-HpCDF			0.01	0	0
OCDF			0.0003	0	0
PCB #028 244'-Trichloro				0	0
PCB #052 22'55'-Tetra				0	0
PCB #077 33'4'4'-Tetrachlo			0.0001	0	0
PCB #081 344'5-Tetrachloro			0.0003	0	0
PCB #101				0	0
PCB #105 233'44'-Pentachl			0.00003	0	0
PCB #114 2344'5-Pentachlo			0.00003	0	0
PCB #118 23'44'5-Pentachl			0.00003	0	0
PCB #123 2'344'5-Pentachl			0.00003	0	0
PCB #126 33'44'5-Pentachlo			0.1	0	0
PCB #138 22'344'5'-Hexac					
PCB #153 22'44'55'-Hexach				0	0
PCB #156 233'44'5-Hexachl			0.00003	0	0
PCB #157 233'44'5'-Hexach			0.00003	0	0
PCB #167 23'44'55'-Hexach			0.00003	0	0
PCB #169 33'44'55'-Hexach			0.03	0	0
PCB #180 22'344'55'-Hept				0	0
PCB #189 233'44'55'-Hept			0.00003	0	0
Total PCB (pg/g)					

Lower Bound Dioxins TEQ	0
Lower Bound Furans TEQ	0
Lower Bound PCB TEQ	0
Total Lower Bound TEQ	0
Upper Bound Dioxins TEQ	0

Upper Bound Furans TEQ	0
Upper Bound PCB TEQ	0
Total Upper Bound TEQ	0

MDL = METHOD DETECTION LIMIT
CONC. UNITS = ppt = pg/g
MDL Units = ppt = pg/g
LBL (TEQ) Units = pg/g TEQ in fat
LBL (TEQ) Units = pg/g TEQ in fat

Annex "B"
Basis of Payment

The Offeror will be paid in accordance with the following Basis of Payment for the Work pursuant to each approved Call-up against the Standing Offer. For the entire Standing Offer period, the following rates will apply. Firm all inclusive price per test, GST/HST extra, FOB destination, as applicable.

Note: The estimated utilization is for all tests within a food group. These estimated number of tests per 12 month period will be split among up to 4 standing offers for Part A, and up to 2 standing offers for Part B.

Chemical Residue of Interest	**Food Group**	**Estimated number of tests for a 12 month period**	**Firm All-Inclusive Price per Test**		
			Initial Period 01-Apr-15 to 31-Mar-18	**Optional Extension Period 1** 01-Apr-18 to 31-Mar-20	**Optional Extension Period 2** 01-Apr-20 to 31-Mar-22
Part A					
ALAR	FRESH	900			
	HONEY	400			
AMITRAZ	FRESH	1900			
	HONEY	400			
BACITRACIN	DAIRY	400			
	EGG	600			
	MEAT	2500			
B-AGONISTS	DAIRY	400			
	EGG	600			
	MEAT	3100			
Free Ractopamine	MEAT	TBD			
Free Zilpaterol	MEAT	TBD			
BENZIMIDAZOLES	DAIRY	400			
	EGG	200			
	MEAT	1800			
CARBADOX	MEAT	1300			
CARBAMATES	DAIRY	400			

Chemical Residue of Interest	Food Group	Estimated number of tests for a 12 month period	Firm All-Inclusive Price per Test		
			Initial Period 01-Apr-15 to 31-Mar-18	**Optional Extension Period 1** 01-Apr-18 to 31-Mar-20	**Optional Extension Period 2** 01-Apr-20 to 31-Mar-22
	EGG	500			
	MEAT	2200			
CEFTIOFUR	DAIRY	600			
	EGG	500			
	MEAT	1300			
CHLORINATED PHENOLS	DAIRY	400			
	EGG	500			
	MEAT	2000			
CLOPIDOL	EGG	200			
	MEAT	1400			
Coccidiostats	EGG	600			
	MEAT	2500			
DECOQUINATE	DAIRY	350			
	EGG	500			
	MEAT	1500			
DIPYRONE	DAIRY	400			
	MEAT	1000			
EBDC/DC(CS2)	FRESH	3000			
	HONEY	400			
EBDC(EDA)	FRESH	3000			
	HONEY	400			
EDBC(ETU)	FRESH	3000			
	HONEY	400			
	PROCESSED	550			
ENDECTOCIDES	DAIRY	700			
	EGG	500			

Chemical Residue of Interest	Food Group	Estimated number of tests for a 12 month period	Firm All-Inclusive Price per Test		
			Initial Period 01-Apr-15 to 31-Mar-18	Optional Extension Period 1 01-Apr-18 to 31-Mar-20	Optional Extension Period 2 01-Apr-20 to 31-Mar-22
	MEAT	3200			
FLUOROQUINOLONES	DAIRY	400			
	EGG	250			
	HONEY	400			
	MEAT	2000			
FUMAGILLIN	HONEY	400			
GESTAGENS	DAIRY	400			
	MEAT	2700			
GLYCOSIDES	DAIRY	700			
	EGG	500			
	HONEY	400			
	MEAT	2800			
HALOFUGINONE	EGG	600			
	MEAT	2500			
IONOPHORES	HONEY	400			
IONOPHORES/ NICARBAZIN	DAIRY	300			
	EGG	300			
	MEAT	2800			
MACROLIDES	DAIRY	700			
	EGG	500			
	HONEY	400			
	MEAT	2000			
Melamine	DAIRY	100			
METALS	DAIRY	400			
	EGG	500			
	FRESH	4500			

Chemical Residue of Interest	Food Group	Estimated number of tests for a 12 month period	Firm All-Inclusive Price per Test		
			Initial Period 01-Apr-15 to 31-Mar-18	**Optional Extension Period 1** 01-Apr-18 to 31-Mar-20	**Optional Extension Period 2** 01-Apr-20 to 31-Mar-22
	HONEY	150			
	MEAT	1800			
	PROCESSED	400			
MORANTEL/ PYRANTEL	DAIRY	400			
	EGG	600			
	MEAT	2000			
Multi-class antibiotics	DAIRY	300			
	EGG	600			
	HONEY	400			
	MEAT	1000			
Multi-class drugs	MEAT	1000			
MYCOTOXIN	DAIRY	700			
NITROFURANS	DAIRY	400			
	EGG	600			
	HONEY	400			
	MEAT	3300			
NITROIMIDAZOLES	DAIRY	400			
	EGG	600			
	HONEY	400			
	MEAT	3200			
NSAID/HORMONE/ STEROID	DAIRY	300			
	EGG	500			
	MEAT	3000			
PENICILLINS	DAIRY	700			
	EGG	500			
	HONEY	400			

Chemical Residue of Interest	Food Group	Estimated number of tests for a 12 month period	Firm All-Inclusive Price per Test		
			Initial Period 01-Apr-15 to 31-Mar-18	**Optional Extension Period 1** 01-Apr-18 to 31-Mar-20	**Optional Extension Period 2** 01-Apr-20 to 31-Mar-22
	MEAT	2000			
PESTICIDES-GC	FRESH	6000			
	HONEY	400			
	PROCESSED	600			
PESTICIDES-LC	FRESH	6000			
	HONEY	400			
	PROCESSED	600			
PESTICIDES-M	MEAT	2700			
PESTICIDES-OC	DAIRY	500			
	EGG	500			
PHENICOLS (Florfenicol Amine)	DAIRY	700			
	EGG	600			
	MEAT	2400			
	HONEY	400			
PHENYLBUTAZONE	DAIRY	300			
	EGG	120			
	MEAT	2100			
SULFONAMIDES	DAIRY	700			
	EGG	200			
	HONEY	400			
SULFONAMIDES-M	MEAT	1500			
SYNTHETIC PYRETHRINS	DAIRY	500			
	EGG	500			
	MEAT	1300			
TETRACYCLINES	DAIRY	700			
	EGG	200			

Chemical Residue of Interest	Food Group	Estimated number of tests for a 12 month period	Firm All-Inclusive Price per Test		
			Initial Period 01-Apr-15 to 31-Mar-18	Optional Extension Period 1 01-Apr-18 to 31-Mar-20	Optional Extension Period 2 01-Apr-20 to 31-Mar-22
	HONEY	400			
	MEAT	2200			
THYREOSTATS	DAIRY	500			
	EGG	150			
	MEAT	1700			
Tiamulin	MEAT	1500			
Toltrazuril	MEAT	1500			
TRANQUILIZER	DAIRY	400			
	EGG	500			
	MEAT	1800			
TRENBOLONE ACETATE	DAIRY	TBD			
TRENBOLONE ACETATE	MEAT	2200			
VIRGINIAMYCIN	DAIRY	400			
	EGG	150			
	MEAT	1300			
ZERANOL/ STILBENES	DAIRY	400			
	MEAT	3300			
Part B					
3-MCPD	PROCESSED	500			
Arsenic Species	MEAT	1500			
	EGG	TBD			
	FRESH	TBD			
	PROCESSED	500			
BPA	PROCESSED	500			
Food colours (Fat)	PROCESSED	500			
Food colours (Water)	PROCESSED	500			

Chemical Residue of Interest	Food Group	Estimated number of tests for a 12 month period	Firm All-Inclusive Price per Test		
			Initial Period 01-Apr-15 to 31-Mar-18	**Optional Extension Period 1** 01-Apr-18 to 31-Mar-20	**Optional Extension Period 2** 01-Apr-20 to 31-Mar-22
SULFITES	FRESH	TBD			
	PROCESSED	TBD			
Ethyl carbamate	PROCESSED	500			
Diquat/Paraquat	FRESH	TBD			
	PROCESSED	TBD			
Glyphosate	FRESH	500			
	PROCESSED				
PESTICIDES-GRAIN	PROCESSED	1000			
Phenoxy Herbicides	FRESH	500			
	PROCESSED				
Alternaria	HONEY	500			
	PROCESSED				
Ochratoxin A	PROCESSED	1000			
Deoxynivalenol	PROCESSED	1000			
POLYCYCLIC AROMATIC HYDROCARBONS (PAH)	DAIRY	TBD			
	EGG	30			
	FRESH	60			
	HONEY	50			
	MEAT	80			
	PROCESSED	560			
DIOXINS / PCB	DAIRY	TBD			
	EGG	30			
	MEAT	200			
	PROCESSED	TBD			
DIOXIN AND DIOXIN- LIKE CONGENERS	DAIRY	500			
	EGG				

Chemical Residue of Interest	**Food Group**	**Estimated number of tests for a 12 month period**	**Firm All-Inclusive Price per Test**		
			Initial Period 01-Apr-15 to 31-Mar-18	**Optional Extension Period 1** 01-Apr-18 to 31-Mar-20	**Optional Extension Period 2** 01-Apr-20 to 31-Mar-22
	MEAT				
	PROCESSED				

ANNEX "C"

INSURANCE REQUIREMENTS

1.0 Commercial General Liability Insurance

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than $2,000,000 per accident or occurrence and in the annual aggregate.

2. The Commercial General Liability policy must include the following:

   a. Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.
   b. Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
   c. Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
   d. Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
   e. Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
   f. Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
   g. Employees and, if applicable, Volunteers must be included as Additional Insured.
   h. Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
   i. Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
   j. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
   k. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
   l. Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
   m. Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.
   n. Litigation Rights: Pursuant to subsection 5(d) of the *Department of Justice Act*, S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

For the province of Quebec, send to:

Director Business Law Directorate,
Quebec Regional Office (Ottawa),
Department of Justice,
284 Wellington Street, Room SAT-6042,
Ottawa, Ontario, K1A 0H8

For other provinces and territories, send to:
Senior General Counsel,
Civil Litigation Section,
Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario K1A 0H8

A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to codefend such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.

2.0 Errors and Omissions Liability Insurance

1. The Contractor must obtain Errors and Omissions Liability (a.k.a. Professional Liability) insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature but for not less than $1,000,000 per loss and in the annual aggregate, inclusive of defence costs.

2. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.

3. The following endorsement must be included:

   Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.