MINISTERIO DE GANADERÍA
AGRICULTURA Y PESCA
REPÚBLICA ORIENTAL DEL URUGUAY

NATIONAL BIOLOGICAL RESIDUES PROGRAMME (PNRB) MANUAL

ANIMAL INDUSTRY DIVISION
MEAT CHAPTER
2015

ANNEXES

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Date: 29th September, 2015

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Position: Deputy Director of the Animal Industry Division

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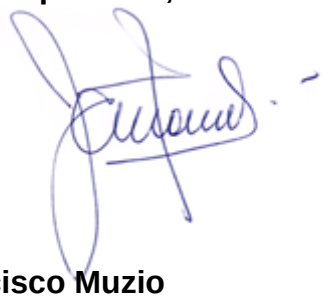

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Date: 29th September, 2015

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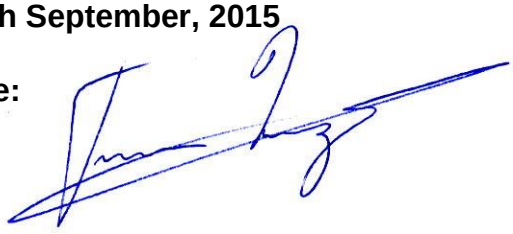


LEGAL BASES

1. **Ley N° 3.606 de 13 de abril de 1910**. *Policía Sanitaria de los Animales.*
2. **Artículo 144 de la Ley No. 13.835, de 7 de enero de 1970, en la redacción dada por el Art. 134 de la Ley N° 18.996 de 7 de noviembre de 2012.** *Faculta a las unidades ejecutoras del Ministerio de Ganadería, Agricultura y Pesca, en el ejercicio de las funciones de control de sus respectivas competencias, a suspender preventivamente de los Registros administrados por ellas a los presuntos infractores, en caso de infracción grave a las normas legales y reglamentarias que regulan el sector agropecuario, agroindustrial, los recursos naturales y la pesca. Asimismo, podrán disponer medidas cautelares de intervención sobre mercaderías o productos en presunta infracción y constituir secuestro administrativo si así lo consideran necesario, cuando la infracción pueda dar lugar a comiso o confiscación*
3. **Art. 285 de la Ley Nº 16.736 de 5 de enero de 1996, en la redacción dada por el art. 129 de la Ley Nº 18.993 de 7 de noviembre de 2012.** *Establece sanciones a aplicar por la División Servicios Jurídicos del Ministerio de Ganadería, Agricultura y Pesca, en ejercicio de su potestad sancionatoria desconcentrada.*
4. **Decreto s/n del 5 de abril de 1962.** *Prohíbe la fabricación, importación, venta y uso de preparados que contengan estrógenos naturales o sintéticos, cualquiera sea la vía de administración de los mismos, destinados a promover la neutralización sexual y el engorde de animales cuyas carnes u otros productos se destinen al consumo humano.*
5. **Decreto Nº 369/983, de 7 de octubre de 1983**. *Reglamento Oficial Inspección Veterinaria de Productos de Origen Animal.*
6. **Decreto Nº 296/984, de 25 de julio de 1984, en la redacción dada por el Decreto Nº 332/991 de 25 de julio de 1991.** *Creación de la Comisión Asesora de Estudio de la Problemática Nacional sobre Residuos Biológicos (CAERBA).*
7. **Decreto Nº 915/988 de 28 de diciembre de 1988**. *Prohibición promotores de crecimiento.*
8. **Decreto Nº 219/989, de 10 de mayo de 1989.** *Prohibición de importación, fabricación, venta y uso de productos para la promoción del crecimiento y engorde de las especies, bovina, ovina, suina, equina y aves cuyo destino posterior sea el consumo humano, que en su información incluyan sustancias arsenicales y antimoniales.*

9. **Decreto Nº 25/993 de 12 de enero de 1993**. *Faculta la Dirección de Industria Animal para extraer muestras destinadas a verificar la existencia de residuos biológicos en animales que ingresen a plantas de faena habilitadas*
10. **Decreto Nº 360/003 de 3 de setiembre de 2003**. *Creación del Comité Directivo del PNRB.*
11. **Decreto Nº 576/009 de 15 de diciembre de 2009**. *Comete a la Dirección General de Servicios Ganaderos del Ministerio de Ganadería, Agricultura y Pesca, a través de sus dependencias técnicas competentes, la investigación de residuos de medicamentos veterinarios y contaminantes ambientales en establecimientos agropecuarios y plantas industrializadoras de productos de origen animal.*
12. **Decreto Nº 98/011 de 2 de marzo de 2011**.*Prohíbe la importación, fabricación, comercialización y uso de alimentos para animales de las especies bovina y ovina, que contengan antibióticos con la finalidad de promover el crecimiento.*
13. **Decreto Nº 215/2013 de 25 de julio de 2013.** *Prohíbe la importación, exportación, fabricación, venta, uso, tenencia y comercialización de las sustancias Carbadox y Olaquindox, solas o asociadas a otros productos químicos, al estado de materia prima o productos terminados o incorporados en alimentos para animales.*
14. **Resolución Ministerial del 12 de enero de 1977.** *Prohíbe la importación, fabricación y formulación de plaguicidas y específicos de sanidad animal y vegetal cuyos principios activos sean a base de hexaclorociclohexano*.
15. **Resolución Ministerial de 22 de abril de 2010**. *Limita la comercialización, uso y tenencia de productos veterinarios hormonales elaborados en base a Estradiol*
16. **Resolución Nº 361/014 de 18 de marzo de 2014.***Reglamenta el Decreto Nº 098/11 de 2 de marzo de 2011*
17. **Resolución de la Dirección General de Servicios Veterinarios de 27 de noviembre de 1986**. *Cancela las autorizaciones concedidas para la importación, fabricación venta y uso de productos veterinarios que contengan en su formulación Cloranfenicol.*
18. **Resolución de la Dirección General de Servicios Ganaderos y la Dirección de Servicios Agrícolas de 25 de mayo de 1998**. *Prohíbe la importación, fabricación, distribución, venta y uso de medicamentos, promotores del crecimiento y alimentos destinados a los animales cuya carne o sus productos, sean utilizados para el consumo humano que contengan en su formulación Nitrofurano.*
19. **Resolución de la DGSG Nº 11A/2010 del 19 de enero de 2010**.*Fijación de límites máximos de residuos en alimentos de origen animal*
20. **Resolución de la Dirección General de Servicios Ganaderos Nº 193/011 de 14 de noviembre de 2011**. *Aprueba el límite máximo de residuos (LMR) en carne, para todos aquellos compuestos que aún no lo tienen fijado en la normativa nacional o en el CODEX ALIMENTARIUS.*
21. **Resolución de la Dirección de Sanidad Animal de 10 de agosto de 1989**. *Reglamenta el Decreto Nº 915/988.*

1.1 Objective of the Animal Industry Division (DIA)

To work towards ensuring the safety of meat, meat products, by-products, meat-derived products and other foods of animal origin so as to issue the corresponding health accreditation.

The Animal Industry Division belongs to the General Department of Livestock Services of the Ministry of Livestock, Agriculture and Fisheries. It is in charge of authorising, registering, controlling and certifying meat products, thus certifying them as fit for human or animal consumption, both within the country and for export purposes.
It is located on Route 8 Brigadier Juan Antonio Lavalleja, km 17.500, Montevideo, phone number: + 598 2220 4000.

1.2 Objective of the National Biological Residues Programme (PNRB)

To ensure the chemical safety of meat and meat products.

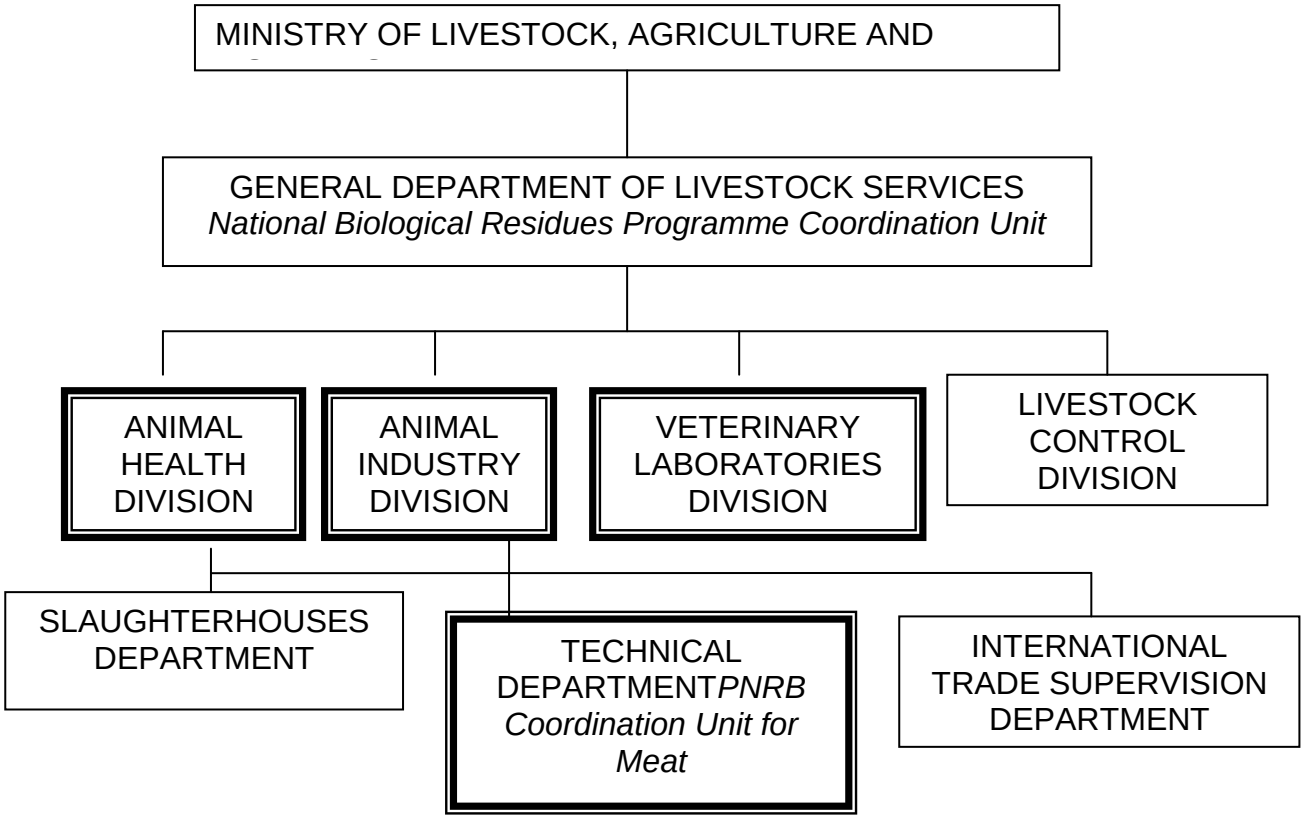
1.3 Objective of the Manual

To disseminate the policy, procedures and requirements of the National Biological Residues Programme, and to provide the supporting documents necessary for audits.
To harmonise PNRB practices, thus overcoming ambiguities, eliminating inaccuracies and allowing each organisation member to act in the same way when performing the same task or activity.

1.4 Scope

All the activities performed under the National Biological Residues Programme (PNRB), under the scope of the Animal Industry Division (DIA), the Animal Health Division (DSA) and the Veterinary Laboratories Division (DILAVE).

1.5 Organisational chart



1.6 Document Control

Objective

To control procedures and registrations.

Scope

All procedures and registrations.

Description

The General Director of Livestock Services (DGSG) - Steering Committee (CD) approves all the Manuals of the Animal Industry Division and of the National Biological Residues Programme (PNRB).

The manual, procedures and guidelines are reviewed and updated when necessary, and then approved by the Director of the DGSG, who signs his approval on the original copy.

The Coordination Unit is in charge of sending the current version of the Manual and procedures to the Official Veterinary Inspections (IVO) by email.

IVOs must acknowledge receipt of the current Manual and its procedures, and once they have been notified, they must discard the outdated version.

Related documents

Acknowledgement of receipt “subject: read” of the current Manual and its procedures.

2.1 Animal Industry Director

In charge of receiving information and requirements, and of replying to the requests of the world's meat markets regarding the PNRB, jointly with the Coordination Unit.

Participate in PNRB-specific audits conducted by such markets.

The Director is a member of the Steering Committee of the PNRB and attends the meetings convened by the General Director of Livestock Services.

2.2 Coordinator

Act as technical secretary of the Committee and provide information on the evolution of the PNRB Meat Chapter.

Coordinate the activities of the DIA (Slaughterhouses and Technical Departments), Animal Industry Division (Countryside Department) and DILAVE (Food Protection). For this purpose, the Director will contact the Divisions directly, as well as all operations officials of such divisions that belong to the DGSG.

Design the annual sampling plan jointly with the Veterinary Laboratories Division (DILAVE). The plan will be executed at DILAVE and external laboratories. Submit it for approval to the Steering Committee of the PNRB.

In charge of managing the follow-up file of non-compliant farms, their inclusion in the observed farms list, their removal from the list, as well as of deciding on the sanction to apply.

Organise training activities for PNRB implementers.
Cooperate with dissemination activities regarding the PNRB, both for individuals involved in food production and those outside the scope of the Ministry of Livestock, Agriculture and Fisheries.

2.3 Director of the Slaughterhouses Department

The Head of the Department is in charge of enforcing the PNRB through IVOs, as requested by the Coordination Unit.

2.4 Zonal Veterinary Supervisors

Ensure that all their staff members know and comply with PNRB procedures and guidelines.

Report PNRB non-complying activities to the Head of the Slaughterhouses Department and to the Coordination Unit. Record, in writing, the corrective actions taken in the Supervision Audit of the Slaughterhouses Department registry, items 36, 37 and 38.

2.5 Official Veterinary Inspection Services in Slaughterhouses

Receive monthly sampling plans and be notified.

Select the herds to be sampled (PR-PNRB 3), take the samples and prepare them (PR-PNRB 4) to be sent to the labs with the “Sampling and Results” form according to the frequency set forth in the plan.

Keep on file all PNRB-related documents such as forms, circular letters, sampling plans and the current copy of the PNRB Manual.

Control and supervise the original copies of the “Sampling and Results” form when they are sent back from the laboratories.

Keep custody of the control sample until the results are in.

Enforce the provisions of the PNRB Manual.

Draft and sign the sample extraction records whenever samples are taken for Code 001.

Retain carcasses and edible viscera from herds that must be retained, either for sampling or because of a non-compliance background, until results are in.

Verify that the authorised person has signed the Waybill: item 11 in the case of bovines and ovines, and item 12 for equidae.

Be familiar with the current legislation on the PNRB sent by the Coordination Unit.

2.6 Managers of Slaughterhouses authorised by the Ministry of Livestock, Agriculture and Fisheries

Provide Official Veterinary Inspection with all the necessary means to prepare and send samples to the laboratory, on the date and time set forth in the monthly plan.

Provide the necessary means to retain carcasses, cuts and viscera pursuant to the PNRB, as well as control samples.

Sign the sample extraction records (for code 001) and be there, in person or by proxy, when such sample is taken.

Comply with the statutory provisions of the Animal Industry Division and the General Department of Livestock Services of the Ministry of Livestock, Agriculture and Fisheries regarding the National Biological Residues Programme.

This Manual will be distributed according to the following recipients:

General Director of Livestock Services

Director of the Animal Industry Division

Director of the Animal Health Division

Director of the Veterinary Laboratories Division

Director of the Livestock Control Division - DICOSE

Coordinator of the National Biological Residues Programme

Director of the Technical Department

Director of the International Trade Supervision Department

Director of the Slaughterhouses Department

Zonal Veterinary Supervisors

Heads of the Official Veterinary Inspection Services, of the slaughterhouses authorised by the Animal Industry Division that work under the National Biological Residues Programme.

Managers of Slaughterhouses that are part of the Programme.

PR- PNRB 01 Design of the annual sampling plan.

PR- PNRB 02 Design of the monthly sampling plan.

PR- PNRB 03 Selection of herds and animals to be sampled.

PR- PNRB 04 Sample extraction.

PR- PNRB 05 Management of residues of growth promoters pursuant to Decree 915/988.

PR- PNRB 06 Management of samples A and B to test for growth promoters pursuant to Decree 915/988.

PR- PNRB 07 Reception and processing of analytical results.

PR- PNRB 08 Management of samples and external laboratories results.

PR- PNRB 09 Results management.

PR- PNRB 09.1 Management of non-compliant results for growth promoters pursuant to Decree 915/988.

PR- PNRB 09.2 Management of non-compliant results for zeranol and taleranol.

PR- PNRB 09.3 Management of results positive for zearalenone and metabolites in monitoring samples.

PR- PNRB 10 Management of results with residues of recorded veterinary drugs, with values exceeding the tolerance level, and of prohibited veterinary drugs.

PR- PNRB 11 Management of non-compliant results with residues of environmental contaminants.

PR- PNRB12 Management of retention of sampled goods to research growth promoters pursuant to Decree 915/988.

PR - PNRB 13 Follow-up of “observed farms”.

PR - PNRB 14 Sampling of “observed farms”.

PR - PNRB 14.1 Farms observed on account of prohibited substances.

PR - PNRB 14.2 Farms observed on account of veterinary drugs and environmental contaminants.

PR - PNRB 15 Management of the “observed farms” list.

PR- PNRB 16 Documents drafted for non-compliant farms. “Observed farms”.

PR - PNRB 17 Destruction of goods with residues of growth promoters pursuant to Decree 915/988 - Code 001.

PR - PNRB 18 Procedure to identify sampling meat and viscera to be retained.

PR - PNRB 18.1 Identification of carcass and meat from herds coming from observed farms.

PR - PNRB 18.2 Identification of carcass and meat from animals sampled to detect growth promoters pursuant to Decree 915/988.

PR - PNRB 19 Verification of compliance with PNRB sampling.

PR - PNRB 20 Email notification reporting that it was not possible to take samples.

PR - PNRB 21 Selection of external laboratories.

PR - PNRB 22 Identification of wild game meat from observed Police Districts.

Objective
Set forth the groups and their compounds, the total number of samples to be taken, Maximum Residue Limits (MRLs) and the Detection Limit (DL), and the laboratories conducting the analysis on both live and slaughtered animals.

Scope
All the samples taken in the country per animal species, and per group and compound tested, for both live and slaughtered animals.

Description
Current national and international statutory provisions are consulted to draft the plan. Detections over the previous year's MRL are assessed: if they increase, more samples are taken.

New veterinary drugs are monitored, as well as those whose use has increased according to the Veterinary Products' Register and Control Department.

The number of animals slaughtered the previous year is considered to draft this plan.

This plan includes the compounds to be analysed, the tissue to be sampled, the analytical method, the minimum detection level, the tolerance level, the number of samples to take per slaughtered species and live animals, and the laboratory which is authorised to conduct the analysis.

This is done jointly by the Programme Coordinator and the Official Laboratory.

Once completed, it is approved by the Steering Committee of the PNRB.

Related documents
Annual Plan of the Biological Residues Programme

Objective
Organise the sampling regarding:
Compound to test, species to be sampled, number of samples, extraction date, date of delivery of samples to the laboratory and slaughterhouse where samples are to be taken.
This methodology makes it possible to evaluate compliance with the Programme on a monthly basis.

Scope
All the samples to extract throughout twelve months.

Description
The Coordination Unit, in agreement with the official laboratory, drafts the general monthly plan according to the annual sampling plans approved by the Committee.

Two copies of the general plan are made, one of which is sent by email to the laboratory of the Biological Residues Section. The other copy is kept on file by the Coordination Unit.

Based on the general sampling plan, the Coordination Unit drafts specific sampling plans for each slaughterhouse part of the PNRB.

A copy is drafted for each slaughterhouse so that each establishment knows its own deadlines and does not have access to the deadlines of other establishments.

Each individual plan is distributed in paper to each Official Veterinary Inspection (IVO) office within slaughterhouses, with the administrative support of the Slaughterhouses Department at the DGSG headquarters.

Once individual sampling plans are in each office, they are kept with the other restricted access documents.

Related documents
General monthly plan with all the necessary information.

Individual communication monthly plan for each slaughterhouse.

Chart with certificates of collection of an official document - Slaughterhouses Department.

Objective
Select the herds and animals to be sampled on the day allocated in the individual programme.

Scope
All the animals to be slaughtered on the sampling day.

Description
1) On the day allocated in the individual monthly plan, the Official Veterinary Inspector randomly selects the herd(s) or animals to be sampled out of the 100% of herds to be slaughtered that day. IVO does not notify the establishment which herds have been selected to be sampled.

2) The herd(s) to be sampled is/are selected using a random selection system (barrel, Random software, charts with random numbers or similar) to choose from all the herd numbers included in the slaughter programme for the day.

3) Once the herd number(s) to be sampled is determined, the animal(s) to be sampled is/are selected using one of the methods listed above.

4) The herd selected must comply with the following conditions:

- be homogeneous,
- include male and female animals,
- include at least 10 animals,
- only male animals must be sampled for code 001.

5) For a sampling day with more than one sample allocated to the same code or several samples to different codes, and when there is only one herd of 50 animals, such herd can be divided into several subherds (of at least 10 animals) to take the necessary samples.
A Sampling and Results Form must be completed for each sample taken.

Related documents

Sampling and Results Form where the selected herd or batch (poultry) number is stated, as well as ear tag number for bovines.

Objective
Extract the samples to be analysed according to the individual monthly plan prepared by the Coordination Unit of the PNRB.

Scope
All the animals included in the slaughter programme.

Definitions
Random samples: samples listed in the individual monthly plan, and which must be selected using charts with random numbers, raffles or Random software, or other similar methods, so that all the animals in the population have the same chance of being selected.
Population refers to all the animals to be slaughtered that day in that establishment (slaughter programme).

Directed sample: samples taken for a specific purpose and which target an individual or a group of individuals within the population because of their background.

Description
On the day when samples must be taken, according to the individual monthly plan sent by the Coordination Unit, the Official Veterinary Inspector working in the establishment must follow the slaughter programme and select the herd(s) to be sampled according to IN- PNRB 1.

If no slaughtering activities are to take place on the allocated day at the establishment, samples must be taken on the following day when animals are slaughtered, within the same month.

If the establishment is inactive for more than 15 days, the samples must not be recovered. The following sampling must take place on the day stated in the plan.

If it were impossible to take samples on the allocated day, the laboratory must be notified by email, or by fax, if email communication cannot be established (+598 2222 1063, ext.122). Pursuant to PR- PNRB 21 provisions.

This information is necessary so that the laboratory is notified that it will not receive the samples.

This is done by sending the “Form reporting that it was not possible to take samples” to: **sinfaena@mgap.gub.uy**

Related documents
Sampling and Results Form.

Form reporting that it was not possible to take samples.

Objective
Provide the necessary guarantees to assure the security of the samples.

Scope
All the herds selected for sampling to test for these compounds.

Description
The manager of the slaughterhouse, or a representative by them appointed, must be present in this act to sign the Sample extraction records prepared at the time of extraction.

The animal(s) to be sampled have already been selected, from herds including males and females, considering that only male animals must be sampled for code 001 as described in PR - PNR 3.

The Official Veterinary Inspector and a representative of the establishment go to the slaughtering yard. The corresponding tissues are extracted (urine, muscle, liver) in a sufficient amount (IN - PNRB 1).

For urine and liver sampling, the sample is divided into two equal amounts and prepared in separate containers. Thus we will obtain half a sample labelled A and another half labelled B.

Each container is sealed with self-adhesive numbered paper seals, labelled A or B according to the corresponding half sample. The Coordination Unit delivers the seals to each Official Veterinary Inspection Service.
The seal number and corresponding letter must be stated in the “Sampling and Results” form, Section B-7 (Sample Seal Number). (Annex III)

Both samples A and B are sent to the laboratory with the original Sample Extraction Records (IVO must keep a copy of these records in file) as well as the Sampling and Results forms.

Each time urine sampling is requested, IVO must sample 250 gr of the muscle from the same animal and keep custody of the sample until the negative result is in.

If urine tests positive for Zearalenone metabolites, DILAVE will request the Coordination Unit to arrange with the corresponding IVO the delivery of the muscle samples.

Related documents

Sampling and Results Form.
Sample extraction records.
Chart Code 001, Biological Residues section – DILAVE/ Coordination Unit: Release/Retain

Objective
Provide the necessary guarantees to assure the security of the samples.

Scope
All samples taken to test for growth promoters pursuant to Decree 915/988.

Description
Once the Biological Residues Section – DILAVE has received the analysis results, if sample A tested negative, the result is reported and the procedure is complete.

If sample A tests positive for one or several of these drugs, the Section must notify the Coordination Unit so that they can notify the producer. If the producer so requests, sample B is analysed at a date and time set by the laboratory at DILAVE - Biological Residues Section.

If sample B is analysed and tests negative, the procedure is complete.
If there is a positive result, the Coordination Unit may request that IVO send to the laboratory the retained muscle samples taken from the selected animal, so that further tests can be performed.

Related documents
Sampling and Results Form.
Sample extraction records.
Chart Code 001, Biological Residues section – DILAVE/ Coordination Unit: Release/Retain

Objective
Receive the Sampling and Results forms from the laboratory, file and distribute them.

Scope
All the forms received.

Description
DILAVE sends the files including the Sampling and Results forms and the reports of the analyses conducted to the Coordination Unit.

File is construed as the cover and the Sampling and Results forms attached.

Each file with the Sampling and Results forms attached bear a cover labelled "Dirección de Laboratorio Veterinarios Miguel C. Rubino Departamento de Protección de Alimentos".
The covers of each file are detached.
A technical officer from the Coordination Unit reviews the Sampling and Results forms to check the analytical results, and then detaches the white copies and the yellow copies. The yellow copies are filed in the Coordination Unit of the PNRB and kept on file for 2 years.

If there are results over the tolerance level, or any other remark made by the laboratory, Procedures PR - PNRB 9, PR - PNRB 10 and PR - PNRB 11 must be followed as applicable.

White copies are delivered to the officer of the Slaughterhouses Department to be sent to the IVO of the authorised establishment that took the samples.

The officer records this in the chart called Slaughterhouses Department, Certificate of collection of an official document.

Results must be received within 30 days after sample extraction.

Related documents
Slaughterhouses Department: Certificate of collection of an official document
List of documents sent - SIADOC

Objective
Plan the sampling of compounds to test in slaughterhouses, frequency, extraction date, number of samples, species to be sampled and date of delivery of samples to the laboratory.
Receive the analysis results report, verify it and send it to the slaughterhouse that took the sample.

Scope
All the samples to extract and all the analysis results reports.

Description
The Coordination Unit distributes the number of samples throughout the year and the sampling frequency, as applicable, according to the Annual Sampling Plans approved by the Committee.

This plan is distributed, in writing, to each Official Veterinary Inspection (IVO) office within the slaughterhouses that are part of the PNRB, with the administrative support of the Slaughterhouses Department at the DIA headquarters.

A copy is drafted for each slaughterhouse, which includes compound to test, number of samples, extraction date and date of delivery. Each establishment receives and has access only to its sampling information.

The IVO takes the samples, prepares them according to Guideline IN - PNRB 1, attaches sampling forms and health certificates, and sends them where the Coordination Unit so indicates on the allocated date. The documents are sent to the Coordination Unit outside the sample transport boxes, protected in a polyethylene bag.

The arrival of the samples and the corresponding documents are verified using the Sample Reception chart.

These white, light blue and yellow copies of the Sampling and Results Form are kept under custody of the Coordination Unit. Health certificates are transported with the samples.

Once the analysis has been conducted, the corresponding laboratory issues a result which is then sent to the Coordination Unit. Results must be received within 45 days after sample extraction.

The Coordination Unit verifies the result and makes two copies.

The original analysis result is attached to the white copy of the Sampling and Results Form to be sent to the Veterinary Inspection office that took the sample, with the administrative support of the Slaughterhouses Department at the DIA headquarters. The first copy is attached to the yellow copy of the Sampling and Results Form and filed at the Coordination Unit, according to the residue code analysed. The second copy is attached to the light blue copy of the Sampling and Results Form and sent to the Biological Residues Section at DILAVE.

If there are results over the tolerance level, procedures PR - PNRB 9, PR - PNRB 10 and PR - PNRB 11 must be followed.

Related documents

Individual communication monthly plan for each slaughterhouse.
General monthly plan with all the necessary information.

Sampling and Results Form.

Template for the chart of sample reception and delivery for External Laboratories.
Chart with certificate of collection of an official document - Slaughterhouses Department.

PR- PNRB 09.1 Management of non-compliant results for growth promoters pursuant to Decree 915/988.

Objective
Take corrective, preventive and enforcement actions.

Scope
All cases which tested positive for growth promoters, pursuant to Decree 915/988, .

Description
The case is filed and notified in writing to the Animal Health Division, who will in turn notify the farmer.

The farm is included in the "List of observed farms".

The goods will be prohibited for human consumption. This is possible since any time samples are taken with the purpose of testing the presence of residues of certain drugs, the meat of the sampled animal is retained.

A written notice is addressed to the Director of the DIA requesting the destruction of the goods pursuant to PR-PNRB 17.

A request for enforcement actions is filed.

The DSA will begin an investigation on the farm to identify the cause. Once the investigation is completed, the case is sent back to the Coordination Unit, to be duly filed in the corresponding folio.
The record will include: the notification to the DIA, farm inclusion/removal lists, written notice to the DGSG requesting authorisation to remove the farm from the list and additional documents pertaining to the investigation.

Related documents
Sampling and Results Form.
Written notice to the DSA - Animal Health Division
List of observed farms.
Written notice to the DIA.
Follow-up file.

PR- PNRB 09.2 Management of non-compliant results for Zeranol and Taleranol.

Objective
Take corrective, preventive and enforcement actions regarding the use of Zenarol and Taleranol.

Scope
All cases where Zeranol and Taleranol residues were found.

Description
When there is a positive result for Zeranol and Taleranol DILAVE will notify the Coordination Unit of the PNRB in writing. The Coordination Unit will open the follow-up file and request the Animal Health Division to notify the farmer.

The farm in question is included in the List of Observed Farms on account of Zeranol Residues.

The DIA is notified about the finding, so they can authorise the destruction of the retained goods pursuant to PR-PNRB 17.

The DSA will begin an investigation on the farm to identify the cause. Once the investigation is completed, the case is sent back to the Coordination Unit, to be duly filed in the corresponding folio.
The file will include: the notification to the DIA, farm inclusion/removal lists, written notice to the DGSG requesting authorisation to remove the farm from the list and additional documents pertaining to the investigation.

The request for sanction is issued once the records of the investigation are returned.

Related documents
Sampling and Results Form.
Written notice to the Animal Health Division
List of observed farms.
Written notice to the DIA.
Follow-up file.

PR- PNRB 09.3 Management of results positive for Zearalenone and Metabolites in monitoring samples.

Objective
Take preventive actions.

Scope
All results with a DILAVE analytical report determining the presence of Zearalenone and Metabolites in monitoring sample.

Description
When the Coordination Unit of the PNRB receives from DILAVE Sampling and Results forms stating the presence of Zearalenone and Metabolites in monitoring samples, the original copy of the form is sent to the IVO of the farm where the sample was taken, in the case of slaughtered animals and to the Animal Health Division in the case of live animals.

If urine tests positive for Zearalenone metabolites, DILAVE will request the Coordination Unit to arrange with the corresponding IVO the delivery of the muscle samples.

The IVO will release the retained goods once they receive the release report issued by the Coordination Unit.

Related documents:
Sampling and Results Form.
Written notice to the DIA.
Follow-up file.

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**NATIONAL BIOLOGICAL RESIDUES PROGRAMME MANUAL** **PROCEDURES**	**DIA** **Animal Industry Division**
PR- PNRB 10	**Management of results with residues of registered veterinary drugs, with values exceeding the tolerance level, and of prohibited veterinary drugs.**	Version 06

Objective
Detect violations and take preventive, corrective actions and apply sanctions.

Scope
All results with residues of registered veterinary drugs with values exceeding the tolerance level and of prohibited veterinary drugs.

Description
The procedure as follows:

Send written notification to the Animal Health Division, who will in turn notify the farmer. The DSA will begin an investigation on the farm to identify the cause. Once the investigation is completed, a copy of the case is sent to the Coordination Unit to be duly filed in the corresponding folio.

The farm is included in the “List of observed farms”.

File the documentation pertaining follow-up and sanctions.

Related documents
Written notice to the Animal Health Division
List of observed farms.
Follow-up file.

Objective
Detect non-compliant values and take preventive actions.

Scope
All cases where residues of environmental contaminants were found.

Description

Send written notice to the Animal Health Division, who will in turn notify the farmer.
The DSA will begin an investigation on the farm to identify the cause.
Once the investigation is completed, a copy of the case is sent to the Coordination Unit to be duly filed in the corresponding folio.

The farm is included in the “List of observed farms”.

Refer the information to the Ministry of Housing, Land-use planning and Environment (MVOTMA) through the DGSG.

Related documents
Written notice to the Animal Health Division
List of observed farms.
Follow-up file.
Written notice to the MVOTMA.

Objective
Retention and potential destruction of sampled goods if non-compliant results were obtained.

Scope
All sampled animals for the investigation of such residues.

Description
The edible carcasses, quarters or cuts and viscera of the animals belonging to the sampled herds are retained while the cold chain and subsequent industrial processes continue, until the results are obtained.

All IVOs keep a temporary record of this activity, which is filed until they receive the white copy of the Sampling and Results Form.

The goods will be released only after the Coordination Unit informs the IVO that the results are acceptable. Therefore, if the results are non-acceptable, the goods will continue to be retained until the DIA decides what to do with them, which will be notified in writing to the IVO.

Related documents
Records of the retention by the IVO, reverse of the pink copy of the Sampling and Results Form.
Written notice to the DIA.

Objective
Learn the causes that led to the non-compliance and take preventive measures.

Scope
All non-compliant farms.

Description
When the laboratory detects levels over the maximum residue limit or greater than zero for prohibited substances, the following actions will be taken:

The laboratory will email the Coordination Unit the non-compliant result.
The Coordination Unit refers the file to the DSA to inform about the findings.
The DSA proceeds with the investigation in the non-compliant farm, following the DSA Quality Manual (notifies farmer, takes samples from live animals, products, by-products of animal origin, feed, feedingstuffs and veterinary products used in the farm).

If "Growth promoters pursuant to Decree 915/988" are found, follow-up sampling will be conducted on live animals (in farms) or on slaughtered animals.
The DSA will be in charge of taking the follow-up samples when this is done in the facilities of the producing farm. The IVO will be in charge of taking the follow-up samples when herds from the observed farms are brought for slaughter. The first follow-up sample is taken 30 days after the finding, if the result is positive, a new sample will be taken after 30 days, if the result is negative, sampling will take place after 15 days.

Every time the laboratory detects levels over the maximum residue limit or greater than zero for prohibited substances, the Coordination Unit drafts a new "List of observed farms", including information on the non-compliant farm, the substance, the result, the sampling date and the corporate name of the farm.
The Coordination Unit will send it by email, to proceed pursuant to PR - PNRB14.

The new list of observed farms is emailed to the DSA and DILAVE.

Follow-up will be completed once two consecutive samples are show results below the MRL or zero in the case of growth promoters pursuant to Decree 915/988.

Once two consecutive negative results have been obtained or when the Coordination Unit deems appropriate, after analysing the case, a request to remove the farm from the “Observed farms” list will be submitted to the Chairman of the Committee of the PNRB, and a new list of observed farms will be drafted pursuant to PR- PNRB 15.

Related documents

Written notice to the DSA.

Two “Observed farms” lists (one when it is included in the list and one when it is removed), Written notice to the Chairman of the Committee of the PNRB.

Objective
Take samples from the animals coming from "Observed farms", to learn about the evolution of the residues on animals associated to the farm.

Scope
All the animal samples coming from farms that are listed in the "Observed farms list".

Description
When a herd from an observed farm arrives to a slaughterhouse, the procedure to follow is:

PR - PNRB 14.1 Farms observed on account of prohibited substances.

a) The entire herd is slaughtered and the goods are retained.

b) When a herd observed on account of prohibited substances arrives, the number of samples will be taken according to the data provided on the table below.

Only male animals should be considered and sampled for those farms with past positive results for growth promoting residues pursuant to Decree 915/988 (Code 001). For Cattle, sampling only applies to the number of steers in the herd. For sheep, only castrated males, up to two incisors should be selected.

Any animal from the herd, male or female, can be used to sample the remaining prohibited substances (Code 004/02 - Chloramphenicol, Code 006 - Thyreostatics, Code 008 - Nitrofurans and Code 013 - Quinoxalines).

c) Follow-up sampling will be conducted on the bovine or ovine species, regardless of which caused the farm to be observed. For example: if the farm

was observed on account of cattle and sheep arrive, sheep shall be sampled and vice versa.

Equidae, swine, poultry and wild game are exempted from this provision.

d) The samples are sent to the laboratory, with a visible label on the box and on the Sampling and Results form that says: “Retained Herd - Observed Farm” so that the laboratory can process it straight away. Section A.2 of the Sampling and Results form: “Sampling Type” should be noted as “DIRECTED”.

e) The total amount of meat and edible viscera obtained from the slaughtering of all (100%) of the animals in the herd in question is to be retained until receiving the analytical results. Once the results are in, if they are “compliant” the goods are released.

If they are “non-compliant” the DIA will order the destruction of the retained goods.

f) The slaughterhouse can choose, if so desires, not to retain the edible viscera, and shall communicate this decision to the Official Veterinary Inspection who will proceed to confiscate it, and will record this action on the pink copy of the Sampling and Results form.

g) When the analytical result is “non-compliant” the goods shall be destroyed.

PR - PNRB 14.2 Farms observed on account of veterinary drugs and environmental contaminants

a) The entire herd is slaughtered and the goods are retained.

b) In the case of farms with a history of residues of veterinary drugs and environmental contaminants, any of the animals of the herd can be sampled, regardless of their sex and category. In this case, the number of animals to sample from the herd is also provided by the table below.

c) Follow-up sampling will be conducted on the bovine or ovine species, regardless of which caused the farm to be observed. For example: if the farm was observed on account of cattle and sheep arrive, sheep shall be sampled and vice versa.

Equidae, swine, poultry and wild game are exempted from this provision.

d) The samples are sent to the laboratory, with a visible label on the box and on the Sampling and Results form that says: “Retained Herd - Observed Farm” so that the laboratory can process it straight away. Section A.2 of the Sampling and Results form: “Sampling Type” should be noted as “DIRECTED”.

e) The total amount of meat and edible viscera obtained from the slaughtering of all (100%) of the animals in the herd in question is to be retained. Once the results are in, if they are “compliant” the goods are released.

If they are “non-compliant” the DIA will order the destruction of the retained goods.

f) The slaughterhouse can choose, if so desires, not to retain the edible viscera, and shall communicate this decision to the Official Veterinary Inspection who will proceed to confiscate it, and will record this action on the pink copy of the Sampling and Results form.

Confidence level Proportion to detect Size of the herd	95% 10% n
10	All
11 to 13	10
14 to 17	13
18 to 26	16
27 to 37	19
38 to 55	21
56 to 69	23
70 to 90	25
>90	29

Related documents
Sampling and Results Form where the herd number is stated.

Objective
Distribute an updated list of observed farms to the IVOs, DSA and DILAVE to inform about Inclusions/removals.

Scope
All farms with a background on the matter.

Description
Every time an event pursuant to PR- PNRB 9, PR- PNRB 10 and PR- PNRB 11 occurs, a list is drafted providing the DICOSE number, name of the farmer, geographic location for livestock place of departure, compound detected and quantification, sampling date, slaughterhouse where the sample was taken and species.

This list is kept up to date, following up on the inclusions and removals from the list.

In order to be removed from the list, it is either necessary to have two consecutive acceptable analytical results for the compound tested, or it will be done at the Coordination Unit's own discretion after analysing the case. Either live or slaughtered animals can be sampled to test for these results.

This list is distributed to all Official Veterinary Inspections (IVOs) from accredited slaughterhouses, the Food Protection Unit at DILAVE and the DSA.

The Official Veterinary Inspections at the slaughterhouses will check if one, or more, of the farms listed are appointed on the daily slaughter schedule.
If one of these farms is detected on the schedule for the day, actions will be taken pursuant to PR- PNRB 14 and PR- PNRB 18.

Related documents
List of observed farms.

Objective
Describe actions.

Scope
All findings

Description
Each file (folio) contains the following documentation which is generated in chronological order.

1) Copy of the Sampling and Results Form stating the origin of the non-compliance.

2) Written notice to the Animal Health Division notifying the finding.

3) Investigation procedures conducted by Animal Health on the farm.

4) If applicable, written notice from the DIA ordering the destruction of the meat and records of that proceeding.

5) Copy of all Sampling and Results forms testing follow-up samples.

6) Written notice from the Coordination Unit to the Chairman of the Steering Committee of the PNRB, notifying that the farm can be removed from the Observed Farms list.

7) Written notice to the Ministry of Housing, Land-use Planning and Environment, if applicable.

8) Lists of "Observed Farms" sorted by inclusions and removals.

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**NATIONAL BIOLOGICAL RESIDUES PROGRAMME MANUAL** **PROCEDURES**	**DIA** **Animal Industry Division**
PR- PNRB 17	**Destruction of goods with residues of growth promoters pursuant to Decree 915/988 - Code 001.**	Version 06

Objective
Prevent the sale of meat with residues of growth promoters pursuant to Decree 915/988 - Code 001.

Scope
All goods originating from animals whose samples tested positive for residues of growth promoters pursuant to Decree 915/988 - Code 001.

Description
When residues of growth promoters are detected pursuant to Decree 915/988 - Code 001 on the sampled goods, the DIA will order its destruction.

Once the Official Veterinary Inspector receives the file from the Animal Industry Division ordering the destruction of the retained meat and viscera, they should notify the business operator and agree with them on how and when this will take place.
The Official Veterinary Inspector will make sure these actions are fulfilled.

After the procedure is completed, it is recorded in the file received and it is then sent back to the Slaughterhouses Department, enclosing the Goods Destruction Records, once this step is completed it goes back to the Coordination Unit.

Related documents
File from the Animal Industry Division
Goods Destruction Records.

PR- PNRB 18.1 Identification of carcass and meat from herds coming from observed farms.

Objective
Ensure carcass, quarter, cut and viscera traceability to be able to confiscate them if necessary.

Scope
All animals slaughtered who were part of the herds coming from “Observed Farms” and sampled pursuant to PR- PNRB 14.

Description
On the reverse side of the Sampling and Results Form, the pink copy that is kept on file during the Official Veterinary Inspection, the following data should be recorded:

a) Correlative slaughter number placed on the carcass of all animals of the herd in the case of “Observed Farms”.

b) The numbers on the cards used that are labelled as “RETAINED”, which are placed on the half carcasses (see template on page 123 of the Official Rules of Veterinary Inspection of Products of Animal Origin).

c) Number of the chamber where they were placed.

d) Aerial rail or rails where they were placed and tamper-proof systems for half carcass retention, either by means of locks or other.

e) Day and time when the half carcasses were removed from the chamber for deboning.

f) Once deboning is completed, the total number of boxes of cuts obtained out of the half carcasses shall be recorded as well as the numbers on the security bands and the chamber number where these were placed and the tamper-proof device used.

The Coordination Unit will inform the results of the tests conducted on the samples taken, if these are acceptable, the Official Veterinary Inspector will release the goods, writing down the date of the release.

The pink copy is used as a registry of the procedure and will be kept on file until the white copy is received with the corresponding test results, it is then discarded.

If the business operator requests to transfer the retained goods to an accredited cold store, the Official Veterinary Inspection has to register, on the reverse side of the pink copy, the corporate name of the receiving facility, accreditation number before the MGAP, date of the transfer and health authorization.

The goods obtained from the slaughtering of herds from “observed farms”, will remain retained, either at the slaughterhouse or accredited storage facilities, until the Coordination Unit decides their release.

Related documents
Reverse side of the pink copy of the Sampling and Results Form.

PR- PNRB 18.2 Identification of carcass and meat from animals sampled to detect growth promoters pursuant to Decree 915/988.

Objective
Ensure carcass, quarter, cut and viscera traceability to be able to confiscate them if necessary.

Scope
The animal sampled for “Growth promoters pursuant to Decree 915/988” as stated in the PR- PNRB 12.

Description
On the reverse side of the Sampling and Results Form, the pink copy that is kept on file during the Official Veterinary Inspection, the following data should be recorded:

a) Correlative slaughter number placed on the carcass of the animal sampled for “Growth promoters pursuant to Decree 915/988”.

b) The numbers on the cards used that are labelled as “RETAINED”, which are placed on the half carcasses (see template on page 128 of the Official Rules of Veterinary Inspection of Products of Animal Origin).

c) Number of the chamber where they were placed.

d) Aerial rail or rails where they were placed and tamper-proof systems for half carcass retention, either by means of locks or other.

e) Day and time when the half carcasses were removed from the chamber for deboning.

f) Once deboning is completed, the total number of boxes of cuts obtained out of the half carcasses shall be recorded as well as the numbers on the security bands and the chamber number where these were placed and the tamper-proof device used.

The Coordination Unit will inform the results of the tests conducted on the samples taken, if these are acceptable, the Official Veterinary Inspector will release the goods, writing down the date of the release.

The pink copy is used as a registry of the procedure and will be kept on file until the white copy is received with the corresponding test results, it is then discarded.

The retained goods obtained from animals sampled for “Growth promoters pursuant to Decree 915/988”, should be kept at the facility and cannot be transferred to accredited cold stores.

Related documents
Reverse side of the pink copy of the Sampling and Results Form.

Objective
Confirm that the samples taken comply with the monthly sampling plan of the PNRB.

Scope
All samples taken nationwide per animal species and per compound tested for slaughtered animals.

Description
The reception desk of the Biological Residues Department at DILAVE will check that the samples received comply with the general sampling plan issued by the Coordination Unit.
Once a month DILAVE drafts a report (Chart of non-compliances with the monthly sampling plan of the PNRB) where it lists the samples that were scheduled but not received by the laboratory.
This report is emailed to the Coordination Unit of the PNRB.
The Coordination Unit is informed about the non-compliant cases, and will check with the results provided on the yellow copies on file. If the non-compliance is corroborated, a written report is sent to the DEF.
The DEF notifies the IVO about the non-compliances. They explain the reason for the non-compliance. After the explanation is provided the file is returned to the Coordination Unit.

Related documents
Chart of non-compliances with the monthly sampling plan of the PNRB
Report and investigation of the motives for the non-compliance.
Written notice to the DEF.
Written notice to DILAVE.

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**NATIONAL BIOLOGICAL RESIDUES PROGRAMME MANUAL** **PROCEDURES**	**DIA** **Animal Industry Division**
PR- PNRB 20	**Email notification reporting that it was not possible to take samples**	Version 06

Objective

Inform, via email, reasons why the National Biological Residues Programme was not able to take samples on the date scheduled.

Scope

All slaughtering plants accredited by the Animal Industry Division (DIA).

Authorities

In charge of sending the email: heads of the Official Veterinary Inspection Services (IVOs) or, if not available, the supervisors.
In charge of receiving the email and communication: the Coordination Unit of the PNRB, of the DIA and the Food - Biological Residues Protection Unit at DILAVE.

Description

When the business operator at the processing plant informs there will be no activity on the day scheduled for sampling by the PNRB, an email shall be sent to: sinfaena@mgap.gub.uy, attaching the form “Notification reporting that it was not possible to take samples” (Annex IV) providing the corresponding data.
These emails will be kept on file at the office of the Food - Biological Residues Protection Unit at DILAVE.

Related documents

Email sent by the IVO.

Objective
Choose third-party laboratories to broaden and diversify the capacity of the Official Laboratory.

Scope
All external laboratories that can comply with the analytical needs defined by the Steering Committee and will not be fulfilled by the official laboratory.

Description
Any time the need to increase the number of samples arises or the need to analyse new compounds, the possibility to do so in the official laboratory or through a private laboratory will be explored.
Once a decision is made, the laboratories are requested to send a quotation for their services, the quality of the analytical parameters and their accreditation status and/or accreditation by competent authorities.
The Steering Committee, advised by DILAVE and the Coordination Unit, makes the decision and signs an agreement with the private laboratory.
DILAVE will audit third-party laboratories through the Laboratory Accreditation Unit.

Related documents
Written notices sent by the DGSG to external laboratories and their replies.

The discussion and the decision will be recorded in the minutes of the Steering Committee.

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**NATIONAL BIOLOGICAL RESIDUES PROGRAMME MANUAL** **PROCEDURES**	**DIA** **Animal Industry Division**
PR- PNRB 22	**Identification of wild game meat from observed Police Districts.**	Version 06

Objective
Ensure carcass, quarter, cut and viscera traceability to be able to confiscate them if necessary.

Scope
All animals processed coming from the observed police district.

Description
On the reverse side of the Sampling and Results Form, the pink copy that is kept on file during the Official Veterinary Inspection, the following data should be recorded:

a) number on the security bands of the retained boxes.

b) Identification of the freezing tunnel where the sample will be retained.

The Coordination Unit will inform the results of the tests conducted on the samples taken, if these are acceptable, the Official Veterinary Inspector will release the goods, writing down the date of the release.

The pink copy is used as a registry of the procedure and will be kept on file until the white copy is received with the corresponding test results, it is then discarded.

The goods obtained from processing wild game meat from “observed police districts”, will remain retained, at the slaughterhouse, until the Coordination Unit decides their release.

If the result is non-compliant, all the goods retained will be destroyed by tanking (sanitary digestor).

Related documents
Reverse side of the pink copy of the Sampling and Results Form.

IN - PNRB 01 Sample extraction, identification and preparation.

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**NATIONAL BIOLOGICAL RESIDUES PROGRAMME MANUAL**	**DIA** **Animal Industry Division**
IN- PNRB 01	**Sample extraction, identification and preparation.**	Version 06

Description

The herd or herds to be sampled will be chosen at random pursuant to PR- PNRB 3**.**

Verify the compound and the number of samples to be taken, pursuant to the monthly individual sampling plan. (Annex VIII)

Sample extraction, identification and preparation:

Materials to be used:
Knife, hook, dissection instruments (scalpel, forceps, scissors) screw-top plastic containers with a minimum capacity of 100ml for liquid samples, first-use polyethylene bags for solid samples, aluminium foil for fat samples.

Sample taking:
To be conducted at the slaughtering yard at the inspection points for animal and herd identification.

- ✓ At the viscera inspection table, for liver and urine.
- ✓ Carcass inspection boxes, for muscle, kidney and fat.

The matrices to be sampled are: urine, fat, kidney, liver and muscle (annex I)

Extract 500gr for each tissue and 100 ml for urine.

Divide the sample in halves (A and B) and introduce them in the appropriate containers for each matrix (polyethylene bags, aluminium foil or containers), close them.

Proceed to sample identification: identify it with a self-adhesive label, card or permanent marker, as appropriate, fill in all the data listed in annex II.

Wrap the sample identification in airtight polyethylene to prevent damage.

Keep sample B under custody of the Veterinary Inspection, as a control sample until the results from sample A are delivered, except for growth promoters samples pursuant to Decree 915/988, in which case both need to be sent to the laboratory for analysis.

Freeze the samples for 24 hours. Once this is completed, the samples will be ready to be sent to the laboratory.

Fill in all the information requested in the Sampling and Results form, write clearly so all copies of the form are easy to read.

Keep the pink copy of the form on file at the office of the Official Veterinary Inspection.
Place the white, yellow and light blue copies inside the sample transport box of the PNRB, protected by a polyethylene bag.
When the samples are delivered to external laboratories, the sampling and results forms will be sent directly to the Coordination Unit of the PNRB.

Use blue isothermal boxes to transport the samples. Close them with a tamper-proof numbered seal.
Write down the seal number on the Sampling and Results Form, section B.7 - Number of the seal on the sample - so once delivered to the laboratory they can check the seal number when unpacking the box with the number the Official Veterinary Inspector at the slaughterhouse recorded in the form.

Put cooling devices in the isothermal containers to keep the temperature within the appropriate ranges.

Give the containers to the company responsible for delivering them to the laboratory.

Keep the sample transport documentation at the Office of the Official Veterinary Inspection, until the Sampling and Results Forms with the lab reports are sent.

Note:
When it says to take a sample it is referring to one single animal. In the case of poultry and wild game, samples contain a pool of tissues from several animals amounting to 250gr.

Only one code and one sample should be extracted per animal selected for sampling.

If more than one code has been assigned for the same day, if there are enough herds, only one code per selected herd should be extracted for sampling.

Código 001
Anabólicos hormonales – Orina, músculo e hígado

Código 002
Metales pesados - Hígado, riñón y músculo.

Código 004/1
Antibióticos - Hígado, Riñón y Músculo.

Código 004/2
Sulfamidas - Hígado.
Cloranfenicol, Quinolonas – Músculo.

Código 004/3
Nicarbazina – Hígado

Código 005
Pesticidas clorados, fosforados y PCB's - Grasa.

Código 006
Tireostáticos – Músculo

Código 007
Antihelmínticos - Hígado.
Nitroimidazoles – Músculo.
Coccidiostaticos (Monensina, Narazina, Salinomicina) - Hígado

Código 008
Nitrofuranos - Músculo.

Código 009
Tranquilizantes - Músculo

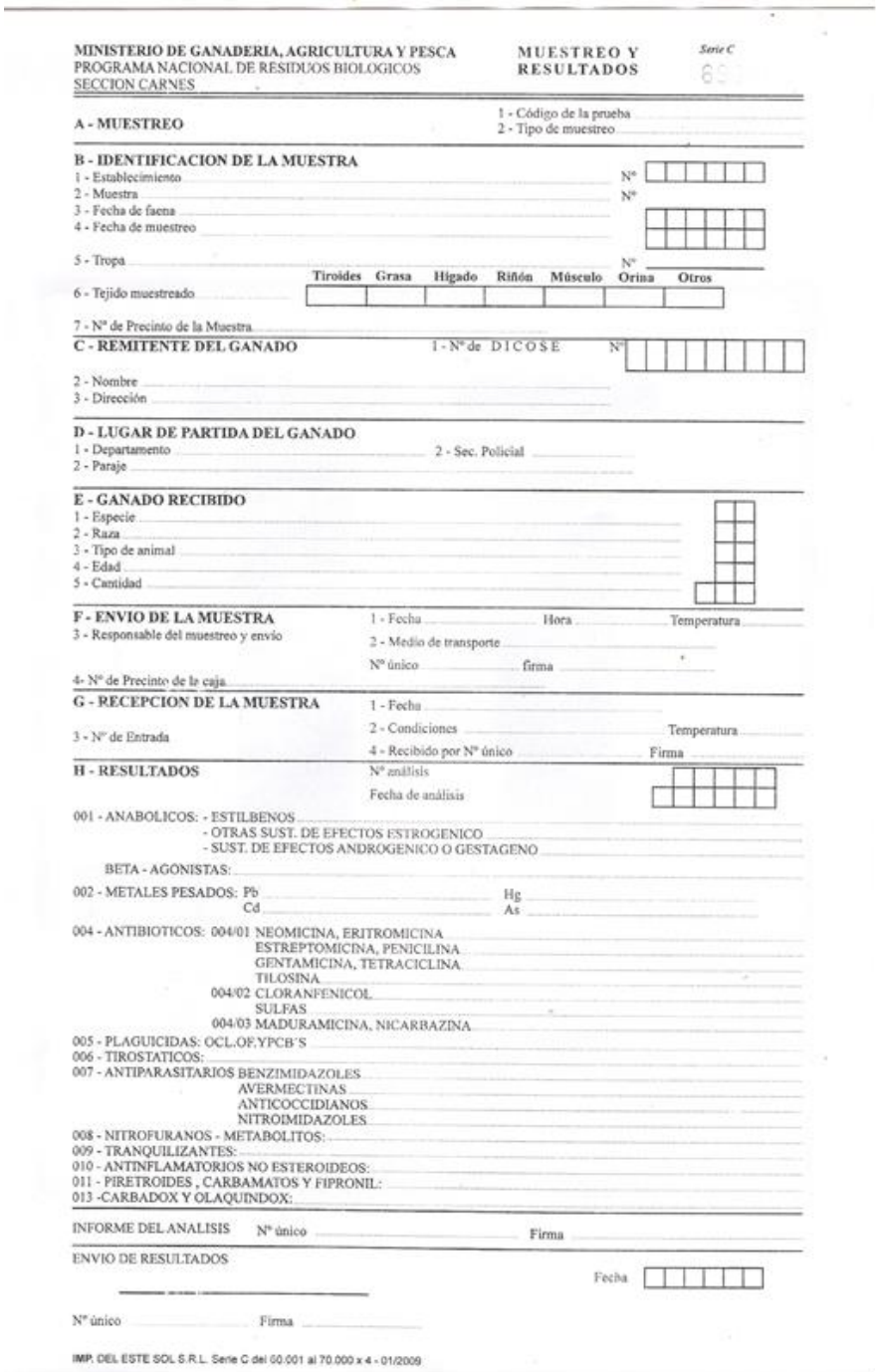
Código 010
Antiinflamatorios no esteroideos - Músculo

Código 011
Piretroides - Grasa

Fipronil – Hígado/Grasa
Carbamatos – Músculo

Código 013
Quinoxalinas (Olaquindox, Carbadox) - Músculo

MGAP - PROGRAMA NACIONAL DE RESIDUOS BIOLOGICOS
CODIGO DE PRUEBA: ……
SUSTANCIA A SER ANALIZADA: ……
MATRIZ: …….
ESTABLECIMIENTO (Nombre y Nº): ……..
ESPECIE: ……
TROPA Nº: ……
MUESTRA Nº: …….
FECHA DE MUESTREO: …….
LABORATORIO ASIGNADO: DILAVE, Microbióticos, Xenobióticos, LATU



MINISTERIO DE GANADERIA, AGRICULTURA Y PESCA
PROGRAMA NACIONAL DE RESIDUOS BIOLOGICOS
SECCION CARNES

MUESTREO Y RESULTADOS — Serie C 63

A - MUESTREO
1 - Código de la prueba
2 - Tipo de muestreo

B - IDENTIFICACION DE LA MUESTRA
1 - Establecimiento — Nº
2 - Muestra — Nº
3 - Fecha de faena
4 - Fecha de muestreo
5 - Tropa — Nº
6 - Tejido muestreado — Tiroides | Grasa | Higado | Riñón | Músculo | Orina | Otros
7 - Nº de Precinto de la Muestra

C - REMITENTE DEL GANADO — 1 - Nº de DICOSE Nº
2 - Nombre
3 - Dirección

D - LUGAR DE PARTIDA DEL GANADO
1 - Departamento — 2 - Sec. Policial
2 - Paraje

E - GANADO RECIBIDO
1 - Especie
2 - Raza
3 - Tipo de animal
4 - Edad
5 - Cantidad

F - ENVIO DE LA MUESTRA
1 - Fecha — Hora — Temperatura
2 - Medio de transporte
3 - Responsable del muestreo y envío — Nº único — firma
4- Nº de Precinto de la caja

G - RECEPCION DE LA MUESTRA
1 - Fecha
2 - Condiciones — Temperatura
3 - Nº de Entrada
4 - Recibido por Nº único — Firma

H - RESULTADOS
Nº análisis
Fecha de análisis

001 - ANABOLICOS: - ESTILBENOS
- OTRAS SUST. DE EFECTOS ESTROGENICO
- SUST. DE EFECTOS ANDROGENICO O GESTAGENO
BETA - AGONISTAS:
002 - METALES PESADOS: Pb — Hg
Cd — As
004 - ANTIBIOTICOS: 004/01 NEOMICINA, ERITROMICINA
ESTREPTOMICINA, PENICILINA
GENTAMICINA, TETRACICLINA
TILOSINA
004/02 CLORANFENICOL
SULFAS
004/03 MADURAMICINA, NICARBAZINA
005 - PLAGUICIDAS: OCL.OF.YPCB´S
006 - TIROSTATICOS:
007 - ANTIPARASITARIOS BENZIMIDAZOLES
AVERMECTINAS
ANTICOCCIDIANOS
NITROIMIDAZOLES
008 - NITROFURANOS - METABOLITOS:
009 - TRANQUILIZANTES:
010 - ANTINFLAMATORIOS NO ESTEROIDEOS:
011 - PIRETROIDES , CARBAMATOS Y FIPRONIL:
013 -CARBADOX Y OLAQUINDOX:

INFORME DEL ANALISIS — Nº único — Firma

ENVIO DE RESULTADOS — Fecha

Nº único — Firma

IMP. DEL ESTE SOL S.R.L. Serie C del 60.001 al 70.000 x 4 - 01/2009

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**MANUAL DEL PROGRAMA NACIONAL DE RESIDUOS BIOLOGICOS**	**DIA** **División Industria Animal**
ANEXO IV	**Formulario de comunicación de impedimento de toma de muestra.**	Revisión 06

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**FORMULARIO DE COMUNICACIÓN DE IMPEDIMENTO DE TOMA DE MUESTRA**	**DIA** **División Industria Animal**

Frigorífico	
Fecha de muestreo planificada y no cumplida	
Código no muestreado	
Especie	
Causa	
Responsable	
Fecha alternativa de muestreo (de ser conocidas)	
Observaciones	

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA REPÚBLICA ORIENTAL DEL URUGUAY	**MANUAL DEL PROGRAMA NACIONAL DE RESIDUOS BIOLOGICOS**	**DIA** **División Industria Animal**
ANEXO V	**Planilla Departamento Establecimientos de Faena. Constancia de retiro de Documento oficial.**	Revisión 06

Inspección Veterinaria Frigorífico. _____

Fecha	Documento retirado	Firma del funcionario oficial	Nº Único

Modelo Bovinos

REGULATORY PROGRAMME FOR CONTROL OF RESIDUES IN FOOD

COUNTRY	URUGUAY	DATE	
YEAR OF PLAN IMPLEMENTATION			
ANIMAL SPECIES / PRODUCT	BOVINE		
National PRODUCTION DATA - number of animals (referring to the previous year)		EU EXPORT DATA in number of animals (referring to the previous year)	
PRODUCTION DATA for calculation of SAMPLE NUMBERS. (Number of animals (referring to previous year's production)		See Instruction sheet, note 4. If a **split system** is in place for exports to the EU, **actual export data** may be entered in this cell. If there is no split system, and **all animals are eligible for export to the EU, national production data** must be entered in this cell	
NUMBER OF SAMPLES	ACCORDING TO EU REQUIREMENTS	ACCORDING TO CODEXALIMENTARIUS	OTHER
MINIMUM	0		
PLAN			

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES FARM MIN	SLAUGHTER MIN	TOTAL MIN	TOTAL PLAN	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY NAME
A1	STILBENES	0,0	0,0	0									
A2	THYROSTATS	0,0	0,0	0									
A3	STEROIDS (WITH ANDROGENIC, ESTROGENIC OR PROGESTAGENIC ACTIVITY)	0,0	0,0	0									
A4	RESORCYLIC ACID LACTONES	0,0	0,0	0									
A5	BETA AGONISTS	0,0	0,0	0									

A6	e.g. Chloramphenicol + Nitrofurans+ Nitroimidazoles	0,0	0,0	0										
	Chloramphenicol													
	Other A6 substances													
GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES				COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY NAME	
		MIN	PLAN											
B1	ANTIBACTERIAL SUBSTANCES	0												
B2a + B2b + B2c + B2d + B2e		0												
B2a	ANTHELMINTICS													
B2b	ANTICOCCIDIALS													
B2c	CARBAMATES													
	PYRETHROIDS													
B2d	SEDATIVES													
B2e	NON STEROIDAL ANTI-INFLAMMATORY DRUGS													
B2f	Other pharmacologically active subs													

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES			COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY NAME
		MIN	PLAN									
B3a + B3b + B3c + B3d		0										
B3a	ORGANOCHLORINE COMPOUNDS INCLUDING PCBS											
B3b	ORGANOPHOSPHORUS COMPOUNDS											
B3c	CHEMICAL ELEMENTS											
B3d	MYCOTOXINS											

Modelo Ovinos

REGULATORY PROGRAMME FOR CONTROL OF RESIDUES IN FOOD

COUNTRY	URUGUAY	DATE	
YEAR OF PLAN IMPLEMENTATION			
ANIMAL SPECIES / PRODUCT	OVINE		
National production data - number of animals (referring to the previous year)		EU EXPORT DATA in number of animals (referring to the previous year)	
PRODUCTION DATA for calculation of SAMPLE NUMBERS. (Number of animals (referring to previous year's production)	←	See Instruction sheet, note 4. If a **split system** is in place for exports to the EU, **actual export data** may be entered in this cell. If there is no split system, and **all animals are eligible for export to the EU, national production data** must be entered in this cell	

NUMBER OF SAMPLES	ACCORDING TO EU REQUIREMENTS	ACCORDING TO CODEXALIMENTARIUS	OTHER
MINIMUM	0		
PLAN			

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES MIN	NUMBER OF SAMPLES PLAN	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY NAME
A1	STILBENES	0									
A2	THYROSTATS	0									
A3	STEROIDS (WITH ANDROGENIC, ESTROGENIC OR PROGESTAGENIC ACTIVITY)	0									
A4	RESORCYLIC ACID LACTONES	0									
A5	BETA AGONISTS	0									
A6	e.g. Chloramphenicol + Nitrofurans+ Nitroimidazoles	0									
	Chloramphenicol										
	Other A6 substances										

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES		COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY NAME
		MIN	PLAN								
B1	ANTIBACTERIAL SUBSTANCES	0									
B2a + B2b + B2c + B2d + B2e		0									
B2a	ANTHELMINTICS										
B2b	ANTICOCCIDIALS										
B2c	CARBAMATES										
	PYRETROIDS										
B2d	SEDATIVES										
B2e	NON STEROIDAL ANTI-INFLAMMATORY DRUGS										
B2f	Other pharmacologically active subs										

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES		COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY NAME
		MIN	PLAN								
B3a + B3b + B3c + B3d		0									
B3a	ORGANOCHLORINE COMPOUNDS INCLUDING PCBS										
B3b	ORGANOPHOSPHORUS COMPOUNDS										
B3c	CHEMICAL ELEMENTS										
B3d	MYCOTOXINS										

Check calculation of total of minimums

0

Modelo Equinos

REGULATORY PROGRAMME FOR CONTROL OF RESIDUES IN FOOD

COUNTRY	URUGUAY			DATE	
YEAR OF PLAN IMPLEMENTATION					
ANIMAL SPECIES / PRODUCT	EQUINE				
National PRODUCTION DATA - number of animals (referring to the previous year)					
EU EXPORT DATA in number of animals (referring to the previous year) [See Instruction sheet]					
NUMBER OF SAMPLES	ACCORDING TO EU REQUIREMENTS	ACCORDING TO CODEX ALIMENTARIUS	OTHER		
MINIMUM	Not specified				
PLAN					

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES MIN	NUMBER OF SAMPLES PLAN	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY
A1	STILBENES	Not specified									
A2	THYROSTATS	Not specified									
A3	STEROIDS (WITH ANDROGENIC, ESTROGENIC OR PROGESTAGENIC ACTIVITY)	Not specified									
A4	RESORCYLIC ACID LACTONES	Not specified									
A5	BETA AGONISTS	Not specified									
A6	CHLORAMPHENICOL	Not specified									
	NITROIMIDAZOLES										

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES		COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY
		MIN	PLAN								
B1	ANTIBACTERIAL SUBSTANCES	Not specified									
B2a + B2b + B2c + B2d + B2e		Not specified									
B2a	ANTHELMINTICS										
B2b	ANTICOCCIDIALS										
B2c	CARBAMATES										
	PYRETROIDS										
B2d	SEDATIVES										
B2e	NON STEROIDAL ANTI-INFLAMMATORY DRUGS										
B2f	Other pharmacologically active subs										

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES		COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY
		MIN	PLAN								
B3a + B3b + B3c + B3d		Not specified									
B3a	ORGANOCHLORINE COMPOUNDS INCLUDING PCBS										
B3b	ORGANOPHOSPHORUS COMPOUNDS										
B3c	CHEMICAL ELEMENTS										
B3d	MYCOTOXINS										

Modelo Suinos

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA
REPÚBLICA ORIENTAL DEL URUGUAY

PROGRAMA NACIONAL DE RESIDUOS BIOLOGICOS

DILAVE
División Laboratorios Veterinarios
Dr. Miguel C. Rubino

PRG-RES-01									Revisión 00
PROGRAMA NACIONAL DE RESIDUOS BIOLÓGICOS PNRB URUGUAY	PERÍODO			FECHA APROBACIÓ	11/12/2014				
	ESPECIE	SUINOS							
	Nº DE MUESTRAS PLAN	ANALITO	MATRIZ	MÉTODO SCREENING	MÉTODO CONFIRMATORIO	LÍMITE DE DETECCIÓN DEL SCREENING [µg/Kg]	LÍMITE DE DETECCIÓN DEL MÉTODO CONFIRMATORIO [µg/Kg]	NIVEL DE ACCIÓN [µg/Kg]	
ESTILBENOS									
TIROSTÁTICOS									
ESTEROIDES									
LACTONAS ÁCIDO RESORCÍLICAS									
BETA AGONISTAS									
CLORANFENICOL									
NITROFURANOS METABOLITOS									
NITROIMIDAZOLES									

	Nº DE MUESTRAS PLAN	ANALITO	MATRIZ	MÉTODO SCREENING	MÉTODO CONFIRMATORIO	LÍMITE DE DETECCIÓN DEL SCREENING [µg/Kg]	LÍMITE DE DETECCIÓN DEL MÉTODO CONFIRMATORIO [µg/Kg]	NIVEL DE ACCIÓN [µg/Kg]
SUSTANCIAS ANTIBACTERIALES								
ANTHELMINTICOS								
ANTICOCCIDIALES								
PIRETROIDES								
DROGAS ANTIINFLAMATORIAS NO ESTEROIDEAS								
OTRAS SUSTANCIAS FARMACOLÓGICAMENTE ACTIVAS								

	Nº DE MUESTRAS	ANALITO	MATRIZ	MÉTODO SCREENING	MÉTODO CONFIRMATORIO	LÍMITE DE DETECCIÓN DEL SCREENING [µg/Kg]	LÍMITE DE DETECCIÓN DEL MÉTODO CONFIRMATORIO [µg/Kg]	NIVEL DE ACCIÓN [µg/Kg]	
	PLAN								
ORANOCLORADOS Y PCB'S									
ORGANOFOSFORADOS									

Modelo Aves

MINISTERIO DE GANADERÍA AGRICULTURA Y PESCA
REPÚBLICA ORIENTAL DEL URUGUAY

PROGRAMA NACIONAL DE RESIDUOS BIOLOGICOS

DILAVE
División Laboratorios Veterinarios
Dr. Miguel C. Rubino

PRG-RES-01									Revisión 00
PROGRAMA NACIONAL DE RESIDUOS BIOLÓGICOS PNRB URUGUAY	PERÍODO 2015			FECHA APROBACIÓN					
	ESPECIE	AVES							
	Nº DE MUESTRAS PLAN	ANALITO	MATRIZ	MÉTODO SCREENING	MÉTODO CONFIRMATORIO	LÍMITE DE DETECCIÓN DEL SCREENING [µg/Kg]	LÍMITE DE DETECCIÓN DEL MÉTODO CONFIRMATORIO [µg/Kg]	NIVEL DE ACCIÓN [µg/Kg]	
ESTILBENOS									
TIROSTÁTICOS									
ESTEROIDES									
LACTONAS ÁCIDO RESORCÍLICAS									
BETA AGONISTAS									
CLORANFENICOL									
NITROFURANOS METABOLITOS									
NITROIMIDAZOLES									

	Nº DE MUESTRAS	ANALITO	MATRIZ	MÉTODO SCREENING	MÉTODO CONFIRMATORIO	LÍMITE DE DETECCIÓN DEL SCREENING [µg/Kg]	LÍMITE DE DETECCIÓN DEL MÉTODO CONFIRMATORIO [µg/Kg]	NIVEL DE ACCIÓN [µg/Kg]
	PLAN							
SUSTANCIAS ANTIBACTERIALES								
ANTHELMINTICOS								
ANTICOCCIDIALES								
PIRETROIDES								
DROGAS ANTIINFLAMATORIAS NO ESTEROIDEAS								
OTRAS SUSTANCIAS FARMACOLÓGICAMENTE ACTIVAS								

	Nº DE MUESTRAS PLAN	ANALITO	MATRIZ	MÉTODO SCREENING	MÉTODO CONFIRMATORIO	LÍMITE DE DETECCIÓN DEL SCREENING [µg/Kg]	LÍMITE DE DETECCIÓN DEL MÉTODO CONFIRMATORIO [µg/Kg]	NIVEL DE ACCIÓN [µg/Kg]
ORANOCLORADOS Y PCB'S								
ORGANOFOSFORADOS								

Modelo Animales de Caza

REGULATORY PROGRAMME FOR CONTROL OF RESIDUES IN FOOD

COUNTRY	URUGUAY			DATE	
YEAR OF PLAN IMPLEMENTATION					
ANIMAL SPECIES					
PRODUCT	WILD GAME				
National PRODUCTION DATA in TONNES (referring to the previous year)					
EU EXPORT DATA in TONNES (referring to the previous year) [See Instruction sheet]					

NUMBER OF SAMPLES	ACCORDING TO EU REQUIREMENTS	ACCORDING TO CODEX ALIMENTARIUS	OTHER
MINIMUM	100		
PLAN			

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES MIN	NUMBER OF SAMPLES PLAN	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY
B3c		100									
B3c	CHEMICAL ELEMENTS										
	OTHER SUBSTANCES										

Check calculation of total of minimums

100

The number of samples to be taken each year must at least be equal to **100 samples**. Samples must be analysed for residues of chemical elements (Group B3c).

Modelo Animales de Caza de Cría

REGULATORY PROGRAMME FOR CONTROL OF RESIDUES IN FOOD

COUNTRY	URUGUAY	DATE	
YEAR OF PLAN IMPLEMENTATION			
ANIMAL SPECIES			
PRODUCT	FARMED GAME		
National PRODUCTION DATA in TONNES (referring to the previous year)			
EU EXPORT DATA in TONNES (referring to previous year's production)		NB: The minimum number of samples is 100	

NUMBER OF SAMPLES	ACCORDING TO EU REQUIREMENTS	ACCORDING TO CODEXALIMENTARIUS	OTHER
MINIMUM	100		
PLAN			

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES MIN	NUMBER OF SAMPLES PLAN	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY
A1	STILBENES	1									
A3	STEROIDS (WITH ANDROGENIC, ESTROGENIC OR PROGESTAGENIC ACTIVITY)	2									
A4	RESORCYLIC ACID LACTONES	1									
A5	BETA AGONISTS	2									
A6	Chloramphenicol + Nitrofurans+ Nitroimidazoles	14									
	CHLORAMPHENICOL										
	NITROFURANS										
	Nitrofurantoin metabolite										
	Furaltadone metabolite										
	Furazolidone metabolite										
	Nitrofurazone metabolite										
	NITROIMIDAZOLES										

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES		COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY
		MIN	PLAN								
B1	ANTIBACTERIAL SUBSTANCES	25									
B2a + B2b		25									
B2a	ANTHELMINTICS										
B2b	ANTICOCCIDIALS										
B2c + B2e		9									
B2c	CARBAMATES										
	PYRETROIDS										
B2e	NON STEROIDAL ANTI-INFLAMMATORY DRUGS										
B2f	Other pharmacologically active subs										

GROUP OF SUBSTANCES TO BE MONITORED		NUMBER OF SAMPLES		COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	SCREENING METHOD	CONFIRMATORY METHOD	SCREEN.METH. DETECTION LIMIT [µg/Kg]	CONFIR.METH. DETECTION LIMIT [µg/Kg]	LEVEL OF ACTION (i.e. conceentration above which a result is deemed non-compliant) [µg/Kg]	LABORATORY
		MIN	PLAN								
B3a + B3c		21									
B3a	ORGANOCHLORINE COMPOUNDS INCLUDING PCBS										
B3c	CHEMICAL ELEMENTS										
	Check calculation of total of minimums	100									

PROGRAMA NACIONAL DE RESIDUOS BIOLOGICOS – PLAN MENSUAL DE MUESTREO **ESPECIE** **MES/AÑO**

CODIGO		C. 001		C. 002	C. 004/01	C. 004/02		C. 005	C. 006	C. 007		C. 008	C. 010	C. 011		OBS
		ORINA	ORINA-HIGADO	H-R-M	H-R-M	H	M	G	T	H		M	M	G	H	
FRIGORIFICO Nº	FM FR OB															n = 1 negro n = 2 verde n = 3 rojo n = 4 azul n = 5 gris n = 6 celeste n = 7 naranja n = 8 violeta
FRIGORIFICO Nº	FM FR OB															
FRIGORIFICO Nº	FM FR OB															
FRIGORIFICO Nº	FM FR OB															
FRIGORIFICO Nº	FM FR OB															

Código	Sustancia a analizar	Matriz	Numero de muestras	Fecha de muestreo	Fecha de envío al laboratorio	Numero de muestras	Fecha de muestreo	Fecha de envío al laboratorio	Numero de muestras	Fecha de muestreo	Fecha de envío al laboratorio
001	***ANABOLICOS HORMONALES*** *Zeranol, Esteroides, Estilbenos, β Agonistas, Otros.*	Orina									
		Hígado									
002	***METALES PESADOS*** *Arsénico, Cobre, Cadmio, Plomo.*	Hígado, Riñón y Músculo									
004/1	***ANTIBIOTICOS*** *Penicilina, Estreptomicina, Eritromicina, Neomicina, Tetraciclinas, Otros.*	Hígado, Riñón y Músculo									
004/2	***SULFONAMIDAS*** *Sulfatiazol, Sulfadiazina, Sulfatiazol, Sulfameracina, Otros.*	Hígado									
	CLORANFENICOL QUINOLONAS	Músculo									
005	***PLAGUICIDAS*** *OF, OC, PCBs.*	Grasa									

Código	Sustancia a analizar	Matriz	Numero de muestras	Fecha de muestreo	Fecha de envío al laboratorio	Numero de muestras	Fecha de muestreo	Fecha de envío al laboratorio	Numero de muestras	Fecha de muestreo	Fecha de envío al laboratorio
007	***ANTIPARASITARIOS*** *Bencimidazoles, Avermectinas, Otros.*	Hígado									
008	***NITROFURANOS Y METABOLITOS***	Músculo									
010	***AINEs.*** *Feinlbutazona,.*	Músculo									
011	***PIRETROIDES*** *Cipermetrina, Fluvalinato, Permetrina, Decametrina, Otros.*	Grasa									
	FIPRONIL	Hígado									

Acta de extracción de muestras.

En Montevideo a los .....días del mes de .....del año .....constituidos los funcionarios de la Dirección General de los Servicios Ganaderos del Ministerio de Ganadería, Agricultura y Pesca, Sres....., en el establecimiento de faena ....., sito en ....., proceden en cumplimiento de normas legales y reglamentarias vigentes (Ley 3606 y Decreto 915/88), y en presencia del Sr.....,en su carácter de ....., del citado establecimiento a extraer dos muestras de .....provenientes de la tropa……....., propiedad de ....., Nº DICOSE....., cuya individualización se describe en el formulario Serie ..... Nº....., que se adjunta a la presente.

Firmas:

PLANILLA DE RECEPCION Y ENVIO DE LABORATORIOS EXTERNOS – Modelo A.
(Xenobióticos)

Fecha: ……

	FRIGORIFICOS	FAX	SANITARIO	FORMULARIO	MUESTRA	OTROS-FECHA
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						

	FRIGORIFICOS (AVES)	FAX	SANITARIO	FORMULARIO	MUESTRA	OTROS-FECHA
1						
2						
3						
4						
5						

Firma……

COORDINACION DEL PROGRAMA NACIONAL DE RESIDUOS BIOLÓGICOS (PNRB)

Montevideo, Fecha

LISTA DE PREDIOS OBSERVADOS

LISTA DE PREDIOS OBSERVADOS POR RESIDUOS DE (SUSTANCIA) EN (ESPECIE)

DICOSE	PRODUCTOR	DPTO	SUSTANCIA	FECHA	FRIG.