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Report for 2024 on the results from the monitoring of residues of veterinary medicinal products in live animals and animal products

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Abstract

The report summarises the monitoring data collected in 2024 on the presence of residues of veterinary medicinal products and certain substances in live animals and animal products in the EU Member States, Iceland and Norway. A total of 493,664 samples were reported to the European Commission. A total of 266,477 samples were reported in accordance with the specifications of the national risk-based control plan for production in the Member States; 10,165 were samples collected in conformity with the specifications of the national randomised surveillance plan for production in the Member States; and 6061 samples were collected in conformity with the specifications of the national risk-based control plan for third-country import. Additionally, 9013 suspect samples were reported in 2024 as follow-up of non-compliant results and 201,948 samples were collected in the framework of other programmes developed under the national legislation. The majority of countries fulfilled the requirements for sampling frequency laid down in Commission Implementing Regulation 2022/1646.

Keywords: veterinary medicinal products, residue monitoring, Regulation 2022/1644, Regulation 2022/1646, food safety, control plans

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Summary

The present report summarises the monitoring data from 2024 on the presence of residues of veterinary medicinal products in live animals and animal products in the EU Member States*, Iceland and Norway. Since 2021, the only United Kingdom data that were reported to EFSA were from Northern Ireland.

The presence of authorised and unauthorised pharmacologically active substances and residues thereof (residues of veterinary medicinal products) in food may pose a risk factor for public health. The EU legislative framework defines maximum limits of residues permitted in food and control plans for the control of the presence of these substances in the food chain. Commission Regulation (EU) No 37/2010 establishes maximum residue limits for residues of veterinary medicinal products in foodstuffs of animal origin. Maximum residue levels for pesticides in or on food and feed of plant and animal origin are laid down in Regulation (EC) No 396/2005 of the European Parliament of the Council. Commission Implementing Regulation (EU) 2022/1646 lays down practical arrangements for and specific content of official controls of the use of veterinary medicinal products in live animals and products of animal origin through three different official national control plans: a national risk-based control plan for production in the Member States, a national randomised surveillance plan for production in the Member States and a national risk-based control plan for third-country imports. Additionally, Commission Delegated Regulation (EU) 2022/1644 lays down the range of samples and stage of production, processing and distribution at which the samples are to be taken.

In the framework of Article 31 of Regulation EC 178/2002, the European Commission (EC) requested the assistance of the European Food Safety Authority (EFSA) to collect data obtained by the Member States, Iceland, Norway and United Kingdom (Northern Ireland) in accordance with Commission Implementing Regulation (EU) 2022/1646.

The data analysis presented in this report was focused on the samples reported under Commission Implementing Regulation 2022/1646 for the national risk-based control plan for production in the Member States (named in the report as Plan 1), the national randomised surveillance plan for production in the Member States (Plan 2), and the national risk-based control plan for third-country imports (Plan 3). Samples collected through other sampling strategies (suspect or 'other') do not follow a designed control plans; therefore, results on those samples were reported separately.

In 2024, all countries, reported in the framework of the control plans on pharmacologically active substances and residues thereof the results for 493,664 samples. Overall, there were 629 (0.13%) non-compliant samples reported.

*In accordance with the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community, and in particular Article 5(4) of the Windsor Framework (see Joint Declaration No 1/2023 of the Union and the United Kingdom in the Joint Committee established by the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community of 24 March 2023, OJ L 102, 17.4.2023, p.87) in conjunction with section 24 of Annex 2 to that Framework, for the purposes of this Regulation, references to Member States include the United Kingdom in respect of Northern Ireland.

A total of 266,477 samples were reported in accordance with the specifications of Plan 1 of which 430 (0.16%) were non-compliant. A total of 10,165 were samples collected under Plan 2 with 23 samples (0.22%) reported as non-compliant. Finally, 6061 samples were collected in conformity with Plan 3, of which 12 samples (0.2%) were reported as non-compliant. Additionally, 9013 suspect samples were reported in 2024 as follow-up of non-compliant results with 137 (1.52%) non-compliant samples; and 201,948 samples were collected in the framework of other programmes developed under the national legislation of which 30 samples (0.01%) were non-compliant.

The majority of countries fulfilled the requirements for sampling frequency laid down in Commission Implementing Regulation 2022/1646.

Commission Implementing Regulation 2022/1646 introduces important changes as regards official controls of pharmacologically active substances and residues thereof from 2023. A multiyear comparison with results gathered under the previously applicable Council Directive 96/23/EC cannot be performed.

Overall, the percentage of non-compliant samples for Plan 1 in 2024 (0.16%) was comparable to the previous year (0.15%). A decrease was observed for the number of reported samples, 266,477 in 2024 compared to 284,850 in 2023. Compared to the results from 2023, in 2024 the frequency of non-compliant results for Plan 1 slightly increased for antithyroid agents (A1b), steroids (A1c) and dyes (A3a). A small decrease was noted for substances of subgroup B1d. For the other substance groups, there were not notable variations.

Additionally, Switzerland reported data on the control activities for the three plans which are presented in a specific appendix.

Since 2023, EU-candidate countries data can be included on a voluntary basis in a separate appendix. This present report contains as an appendix the data of Montenegro and North Macedonia.

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1 Introduction

1.1 Background and Terms of Reference as provided by the European Commission

1.1.1 Background

Commission Implementing Regulation (EU) 2022/1644 [1] requires the Member States to implement a multi-annual national control plan containing a risk-based control and randomized surveillance plans. Since 2018 until 2022, the data on the national residue monitoring plan were reported to EFSA in accordance with Council Directive 96/23/EC[2]. Member States must also publish the outcome of the implementation of their plans.

The Commission has the obligation to make available to the public an annual report on the outcome of official controls in the Member States.

1.1.2 Terms of reference as provided by the European Commission

In the framework of Article 31 of Regulation (EC) No 178/2002[3], the Commission requests EFSA's assistance in the collection of the data obtained by the Member States in accordance with Commission Implementing Regulation (EU) 2022/1646.

EFSA shall update the current data collection system allowing direct data submission by the Member States. EFSA shall modify the entries in the EFSA data collection framework for transmission of the results including the guidance according to new legislation using the terminology used in the legal requirements or explicitly agreed by the Commission.

This data collection system shall:

- collect information obtained by the official controls on pharmacologically active substances and residues thereof in accordance with control plans as defined in Commission Implementing Regulation (EU) 2022/1646 and obtained by all other official controls on pharmacologically active substances and residues thereof;
- allow the Member States to provide information on follow-up actions directly linked to the respective non-compliant results;
- allow differentiated access to the data for Commission services and Member States.

The data collection system should at least allow the visualisation and extraction of:

[1] Commission Implementing Regulation (EU) 2022/1646 of 23 September 2022 on uniform practical arrangements for the performance of official controls as regards the use of pharmacologically active substances authorised as veterinary medicinal products or as feed additives and of prohibited or unauthorised pharmacologically active substances and residues thereof, on specific content of multi-annual national control plans and specific arrangements for their preparation. OJ L 248, 26.9.2022, p. 32–45.

[2] Council Directive 96/23/EC of 29 April 1996 on measures to monitor certain substances and residues thereof in live animals and animal products and repealing Directives 85/358/EEC and 86/469/EEC and Decisions 89/187/EEC and 91/664/EEC. OJ L 125, 23.5.1996, p. 10.

[3] Regulation (EC) No 178/2002 of the European Parliament and of the Council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety. OJ L 31, 1.2.2002, p. 1–24.

- reports on the implementation of the control plans. Each Member State shall be able to extract a report containing only their respective national data. The structure of the report shall be agreed with the Member States and Commission services;
- an annual compilation of the monitoring data of all Member States by the end of March. EFSA shall annually extract such a compilation containing data submitted by the Member States for the past year. EFSA shall use the current format and level of detail as a basis for future compilations;
- planned samples together with the relevant results by September each year via an appropriate tool, accessible to Member States as well as Commission services;
- a summary overview of the actions taken by the Member States as follow-up to non-compliant results. The Commission services shall be the only party that can extract such data for all Member States. The Member States shall be able to extract their own respective data. The structure of this overview shall be agreed with the Commission services.

EFSA shall send the final annual compilation taking into account the comments received to the Commission services. EFSA shall present the data on an online visualisation tool after the publication of the Annual Report.

1.2 Additional information

The presence of authorised and unauthorised pharmacologically active substances and residues thereof (residues of veterinary medicinal products) in food may pose a risk factor for public health. The EU legislative framework defines maximum limits permitted in food and control plans for the control of the presence of these substances in the food chain.

Implementing Regulation (EU) 2022/1646 requires Member States to prepare and implement official controls which contains the following:

- a national risk-based control plan for production in the Member States, hereafter referred to as **Plan 1**, for which the minimum sampling frequency is set up in Annex I to the mentioned regulation, while Annex II and Annex III to Delegated Regulation (EU) 2022/1644[4] provides the criteria for the selection of specific substance groups and commodity groups and the criteria for the sampling strategy;
- a randomised surveillance plan for production in the Member States referred as **Plan 2**. The minimum sampling frequency is set up in Annex II to Implementing Regulation (EU) 2022/1646 while the criteria for the selection of substance groups and commodity groups and the criteria for the sampling strategy are established in Annex IV and Annex V to Delegated Regulation (EU) 2022/1644;
- a national risk-based control plan for third-country imports referred as **Plan 3**. The minimum sampling frequency is set up in Annex III to Implementing Regulation (EU) 2022/1646 while Annex VI and Annex VII to Delegated Regulation (EU) 2022/1644

[4] Commission Delegated Regulation (EU) 2022/1644 of 7 July 2022 supplementing Regulation (EU) 2017/625 of the European Parliament and of the Council with specific requirements for the performance of official controls on the use of pharmacologically active substances authorised as veterinary medicinal products or as feed additives and of prohibited or unauthorised pharmacologically active substances and residues thereof (Text with EEA relevance). OJ L 248, 26.9.2022, p. 3–17.

establish the criteria for selection of specific substance groups and commodity groups and the criteria for the sampling strategy.

Additionally, suspect samples may also be taken during the follow-up of non-compliances but should not be counted towards the minimum sampling frequency of the above plans.

The requirements for the analytical methods to be applied in the testing of official samples and the common criteria for the interpretation of analytical results are laid down in Implementing Regulation (EU) 2021/808[5].

Targeted samples are taken with the aim of detecting illegal treatment or controlling compliance with the maximum levels laid down in the relevant legislation. This means that, the national plans of each reporting country, target the groups of animals (species, gender, age) where the probability of finding residues is the highest. Conversely, the objective of **random sampling** is to collect significant data to evaluate, for example, consumer exposure to a specific substance.

Suspect samples are taken as a consequence of i) non-compliant results on samples taken in accordance with the control plans, ii) possession or presence of prohibited substances at any point during manufacture, storage, distribution or sale through the food and feed production chain, or iii) suspicion or evidence of illegal treatment or non-compliance with the withdrawal period for an authorised medicinal veterinary product.

Residues of pharmacologically active substances mean active substances, excipients or degradation products and their metabolites, which remain in food.

Unauthorised substances mean substances that are not authorised as veterinary medicinal products or as a feed additive (for the exact definition, see Article 2(b) of Delegated Regulation (EU) 2019/2090)[6].

Prohibited substances mean substances which are prohibited for use in food producing animals according to the European Union legislation (substances mentioned in Table 2 of the Annex to Regulation (EU) No 37/2010[7]; substances mentioned in Council Directive 96/22/EC[8]).

Illegal treatment refers to the use of unauthorised substances or products or the use of substances or products authorised under EU legislation for purposes or under conditions other than those laid down in EU legislation or, where appropriate, in the various national legislation.

Withdrawal period represents the period necessary between the last administration of the veterinary medicinal product to animals under normal conditions of use and the production of

[5] Commission Implementing Regulation (EU) 2021/808 of 22 March 2021 on the performance of analytical methods for residues of pharmacologically active substances used in food-producing animals and on the interpretation of results as well as on the methods to be used for sampling and repealing Decisions 2002/657/EC and 98/179/EC (Text with EEA relevance). OJ L 180, 21.5.2021, p. 84–109.

[6] Commission Delegated Regulation (EU) 2019/2090 of 19 June 2019 supplementing Regulation (EU) 2017/625 of the European Parliament and Council regarding cases of suspected or established non-compliance with Union rules applicable to the use or residues of pharmacologically active substances authorised in veterinary medicinal products or as feed additives or with Union rules applicable to the use or residues of prohibited or unauthorised pharmacologically active substances. OJ L 317, 9.12.2019, p. 28–37.

[7] Commission Regulation (EU) No 37/2010 of 22 December 2009 on pharmacologically active substances and their classification regarding maximum residue limits in foodstuffs of animal origin (Text with EEA relevance). OJ L 15, 20.1.2010, p. 1–72.

8 Council Directive 96/22/EC of 29 April 1996 concerning the prohibition on the use in stock farming of certain substances having a hormonal or thyrostatic action and of ß-agonists, and repealing Directives 81/602/EEC, 88/146/EEC and 88/299/EEC. OJ L 125, 23/05/1996, p. 3–9.

foodstuffs from such animals, in order to ensure that such foodstuffs do not contain residues in quantities harmful to public health.

Non-compliant result is a result equal to or above the decision limit for confirmation as defined in Article 5 of Implementing Regulation (EU) 2021/808.

Non-compliant sample is a sample that has been analysed for the presence of one or more substances and failed to comply with the legal provisions for at least one substance. Thus, a sample can be non-compliant for one or more substances.

Maximum residue limit (MRL) is the maximum concentration of residue resulting from the use of a veterinary medicinal product which may be accepted by the Community to be legally permitted or recognised as acceptable in or on a food. For veterinary medicinal products, MRLs are established according to the procedures laid down in Regulation (EC) No 470/2009[9] of the European Parliament and of the Council. Pharmacologically active substances and their classification regarding maximum residue limits are set out in Regulation (EU) No 37/2010. In addition, Commission Directive No 2009/8/EC[10] lays down maximum levels of unavoidable carry-over of coccidiostats or histomonostats in non-target feed and Regulation (EC) No 124/2009[11] lays down maximum levels for the presence of coccidiostats or histomonostats in food resulting from the unavoidable carry-over of these substances in non-target feed.

For pesticides, maximum residue levels (MRLs) are laid down in Regulation (EC) No 396/2005[12]. Some substances (e.g. carbamates, pyrethroids, organophosphorus compounds) are recognised both as veterinary medicinal products and pesticides and therefore they might have different MRLs in the corresponding legislation.

Reference Points for Actions (RPAs) – according to Commission Regulation (EC) 2019/1871[13], RPAs correspond to the lowest level which can analytically be achieved by the official control laboratories, designated in accordance with Article 37 of Regulation (EU) 2017/625[14] of the European Parliament and of the Council. Commission may establish RPAs for

[9] Regulation (EC) No 470/2009 of the European Parliament and of the Council of 6 May 2009 laying down Community procedures for the establishment of residue limits of pharmacologically active substances in foodstuffs of animal origin, repealing Council Regulation (EEC) No 2377/90 and amending Directive 2001/82/EC of the European Parliament and of the Council and Regulation (EC) No 726/2004 of the European Parliament and of the Council. OJ L 152, 16.6.2009, p. 11–22.

[10] Commission Directive 2009/8/EC of 10 February 2009 amending Annex I to Directive 202/32/EC of the European Parliament and of the Council as regards maximum levels of unavoidable carry-over of coccidiostats or histomonostats in non-target feed. OJ L 40, 11.2.2009, p. 19–25.

[11] Commission Regulation (EC) No 124/2009 of 10 February 2009 setting maximum levels for the presence of coccidiostats or histomonostats in food resulting from the unavoidable carry-over of these substances in non-target feed. OJ L 40, 11.2.2009, p. 7–11.

[12] Regulation (EC) 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC. OJ L 70, 16.3.2005, p. 1–16.

[13] Commission Regulation (EC) 2019/1871 of 7 November 2019 on reference points for action for non-allowed pharmacologically active substances present in food of animal origin and repealing Decision 2005/34/EC.

[14] Regulation (EU) 2017/625 of the European Parliament and of the Council of 15 March 2017 on official controls and other official activities performed to ensure the application of food and feed law, rules on animal health and welfare, plant health and plant protection products, mending Regulations (EC) No 999/2001, (EC) No 396/2005, (EC) No

residues of pharmacologically active substances in food of animal origin, for which no maximum residue limit has been laid down. RPAs should apply to food of animal origin imported from third countries and to food of animal origin produced in the Union.

1.3 Objectives

The present report summarises the monitoring data from 2024 submitted by the EU Member States*[15], Iceland, Norway and United Kingdom (Northern Ireland) to the EFSA. From 2021 and 2022, the only United Kingdom data that were reported to EFSA were from Northern Ireland.

Data analysis was mainly focused on data submitted under Regulation 2022/1646 and aimed to provide an overview on:

- production volume and number of samples collected in each EU Member State, Iceland and Norway. These data were used to check whether the countries had fulfilled the minimum requirements on sampling frequency as stated in Commission Implementing Regulation 2022/1646.
- number of samples analysed in each animal species or food commodity for substance groups and subgroups as defined in Annex I to Delegated Regulation (EU) 2022/1644 (see Appendix A);
- summary of non-compliant results per animal species or food commodity and substance group;
- identification of main substances contributing to non-compliant results within a group;
- overall distribution of non-compliant samples in the substance groups.

2 Data and Methodologies

Data used in this report have been collected from EU Member States, Iceland, Norway and United Kingdom (Northern Ireland), under Implementing Regulation (EU) 2022/1646. The samples included in the control plans were taken from the production process of animals and primary products of animal origin (live animals, their excrements, body fluids and tissues, animal products, animal feed and drinking water). Each country assigns the coordination of the national control plans to a competent authority which is also in charge of the data collection at national level (Regulation 2017/625) and reporting the results to EFSA.

The samples taken in 2024 were reported using Standard Sample Description Version 2.0 format (EFSA 2013). This standard can be used to report the results of laboratory tests performed on samples of food, feed, animals and plants. Specific requirements for reporting the results of

1069/2009, (EC) No 1107/2009, (EU) No 1151/2012, (EU) No 652/2014, (EU) 2016/429 and (EU) 2016/2031 of the European Parliament and of the Council, Council Regulations (EC) No 1/2005 and (EC) No 1099/2009 and Council Directives 98/58/EC, 1999/74/EC, 2007/43/EC, 2008/119/EC and2008/120/EC, and repealing Regulations (EC) No 854/2004 and (EC) No 882/2004 of the European Parliament and of the Council, Council Directives 89/608/EEC, 89/662/EEC, 90/425/EEC, 91/496/EEC, 96/23/EC, 96/93/EC and 97/78/EC and Council Decision92/438/EEC (Official Controls Regulation) (OJ L 95, 7.4.2017, p. 1)

[15] *In accordance with the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community, and in particular Article 5(4) of the Windsor Framework (see Joint Declaration No 1/2023 of the Union and the United Kingdom in the Joint Committee established by the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community of 24 March 2023, OJ L 102, 17.4.2023, p.87) in conjunction with section 24 of Annex 2 to that Framework, for the purposes of this Regulation, references to Member States include the United Kingdom in respect of Northern Ireland.

laboratory tests for veterinary medicinal products are described in (EFSA 2025b) and (EFSA 2025a). The standard allows results for all marker residues analysed for in a sample of animals or animal products to be reported. The following information is recorded:

Sampling event: one or more tissues taken from an animal at a specific location and at a specific point in time (e.g. kidney and muscle samples taken from a single pig carcass at slaughter). The sampling event requires the sampling point and sampling strategy to be recorded. The sampling strategy can be targeted, suspect, import or other. In this report, any reference to 'samples' should be understood as 'sample events'.

Sample taken: The sample taken is described using EFSA FoodEx2 classification (e.g. beef liver or chicken eggs) (EFSA 2015). These samples are then categorised as bovines, pigs, sheep & goats, horses, poultry, rabbit, farmed game, wild game, aquaculture, milk, eggs, honey, casings, reptiles and insects. Samples of game birds such as quail, partridge and pheasant are classified in the poultry category, unless they are reported as 'wild or gathered or hunted'; in the latter case, the samples have been classified in the wild game category. Due to this approach, which differ from the classification methodology followed by some countries, discrepancies might be noted between the National Plans submitted to the EC and the results included in this report.

The country where the sample was taken, the date of sampling and the country of origin are also recorded.

Analytical method: Both screening and confirmatory tests can be reported. CCβ (the detection capability) is reported for screening tests and CCα (the decision limit) is reported for confirmatory tests.

Marker residue: The results for all residues, both above and below the limits of detection and covered by the scope of a laboratory method, are reported. An analysis hierarchy groups the residues according to the substance groups described in Annex I to Delegated Regulation (EU) 2022/1644.

Non-compliant results: Each result is classified as compliant or non-compliant by the reporting country. Additional information on investigation outcomes in the case of non-compliant results is also recorded, where available. In cases where the control results have been reported for the 'Multicomponent/Sum' residue definition (e.g. for the marker residue 'Sum of enrofloxacin and ciprofloxacin') in addition to the single components' results (e.g.in cases where the results were also reported for enrofloxacin and/or for ciprofloxacin), the non-compliant results at sample event level have been totalled considering only the sum-results to avoid double-counting.

Production volumes and **Consignment numbers:** The number of produced animals and imported consignments for bovines, pigs, sheep and goats, and horses, and in tonnes for poultry, rabbit, farmed game, wild game, aquaculture, milk, eggs, honey, casings, reptiles and insects were obtained from data submitted by Member States. This information was used to verify whether the minimum sampling frequencies had been fulfilled.

The data was submitted in XML format to the EFSA data collection framework. Automatic data quality checks were performed as described in (EFSA 2025b). Each reporting country was provided with the opportunity to validate their data submission by examining and confirming the content of an ad-hoc National report, which summarises the data that had been submitted.

The reported data is aggregated counting the number of distinct sampling events (**samples analysed**), the number of sampling events where one or more results are non-compliant (**non-compliant samples**) and the number of non-compliant results (**non-compliant results**) by reporting country, animal category/product, marker residue and substance group. Since more than one result can be non-compliant in a sample the sum of non-compliant results might be higher than the sum of non-compliant samples. The percent non-compliant samples were calculated with non-compliant samples as the nominator and samples analysed as the denominator. The percentage of non-compliance is estimated for each substance group and within each substance group. Also, binomial 95% confidence intervals with Wilson approximation are produced in order to account for the uncertainty around the point estimates, considering the number of samples that were tested for each of the substances and animal/product combinations, reflecting potential ranges in which the non-compliance level could be (see Figures 1 to 4). The resulting confidence intervals could be used to highlight the potential upper bounds for non-compliance observed.

The data used in the preparation of this report were extracted from the EFSA database on 17 November 2025 and are reflective of the database during this time-period. **The raw data by country are published at this link**.

The data analysis was performed using Python™ software.

3 Results

3.1 Results according to Plan 1

The aim of this assessment is to give an overview of the total number of samples analysed for the individual substance groups and to summarise the non-compliant samples for the EU Member States, Iceland, Norway and United Kingdom (Northern Ireland) taken in the context of Plan 1. Further details on the non-compliant samples found in each animal/product category are presented in Section 3.2.

In 2024, 493,664 samples were reported by 27 out of 27 EU Member States, Iceland, Norway and United Kingdom (Northern Ireland), for analysis of substances and residues thereof covered by Delegated Regulation (EU) 2022/1644, which includes samples taken in the context of Plan 1, Plan 2, Plan 3 and other control activities such as suspect samples and other national monitoring programmes. A total of 629 samples were reported as non-compliant (0.13%).

Out of this, 266,477 were targeted samples collected in conformity with the specifications of the Plan 1 for 2024. Of the total samples, 80.47% were analysed for unauthorised substances (Group A) and 55.13% for pharmacologically active substances authorised for use in food-producing animals (Group B)[16]. Of the 266,477 samples, 430 were non-compliant (0.16%) (504 non-compliant results at residue definition level). The percentage of non-compliant samples calculated from the total number of samples analysed for substances in that category was: 0.11% for unauthorised substances (Group A) with an overall 0.28% non-compliant samples for substances of Group A1, 0.03% for substances of Group A2 and 0.03% for substances of Group A3; while 0.13% of non-compliant samples were found for substances authorised for use in food-producing animals (Group B), 0.13% for substances of Group B1 and 0.06% for substances of

[16] Some samples were analysed for substances in both groups therefore the sum of percentages is higher than 100.

Group B2. A wider confidence interval-that indicates higher uncertainty on the estimated proportion was observed for subgroup A3a residue results. (Table 1, Figure 1).

Table 1: Number of samples analysed, non-compliant samples and non-compliant results in all species and product categories (according to Plan 1)

Substance Group[(a)]	Samples analysed[(b)]	% Samples analysed	Non-compliant samples[(c)]	% Non-compliant samples[(d)]	Non-compliant results[(e)]
A	214,429	80.47	244	0.11	291
A1	69,293	26	193	0.28	238
A1a	15,897	5.97	-	-	-
A1b	8065	3.03	12	0.15	12
A1c	33,431	12.55	153	0.46	172
A1d	15,159	5.69	30	0.2	54
A1e	26,018	9.76	-	-	-
A2	88,961	33.38	25	0.03	25
A2a	31,888	11.97	12	0.04	12
A2b	14,887	5.59	11	0.07	11
A2c	15,630	5.87	2	0.01	2
A2d	42,636	16	-	-	-
A3	99,466	37.33	26	0.03	28
A3a	1384	0.52	15	1.08	15
A3b	10,044	3.77	4	0.04	4
A3c	55,704	20.9	-	-	-
A3d	16,902	6.34	-	-	-
A3e	91	0.03	-	-	-
A3f	25,273	9.48	7	0.03	9
A3g	50	0.02	-	-	-
B	146,902	55.13	187	0.13	213
B1	135,534	50.86	178	0.13	203
B1a	81,607	30.62	99	0.12	119
B1b	34,354	12.89	15	0.04	15
B1c	6912	2.59	2	0.03	2
B1d	33,651	12.63	62	0.18	67
B1e	8	0	-	-	-
B2	14,723	5.53	9	0.06	10
Total	**266,477**	**100**	**430**	**0.16**	**504**

'-' indicates that zero samples/results were reported;
(a): as detailed in Appendix A;
(b): number of samples analysed for one or more substances of the respective group;
(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

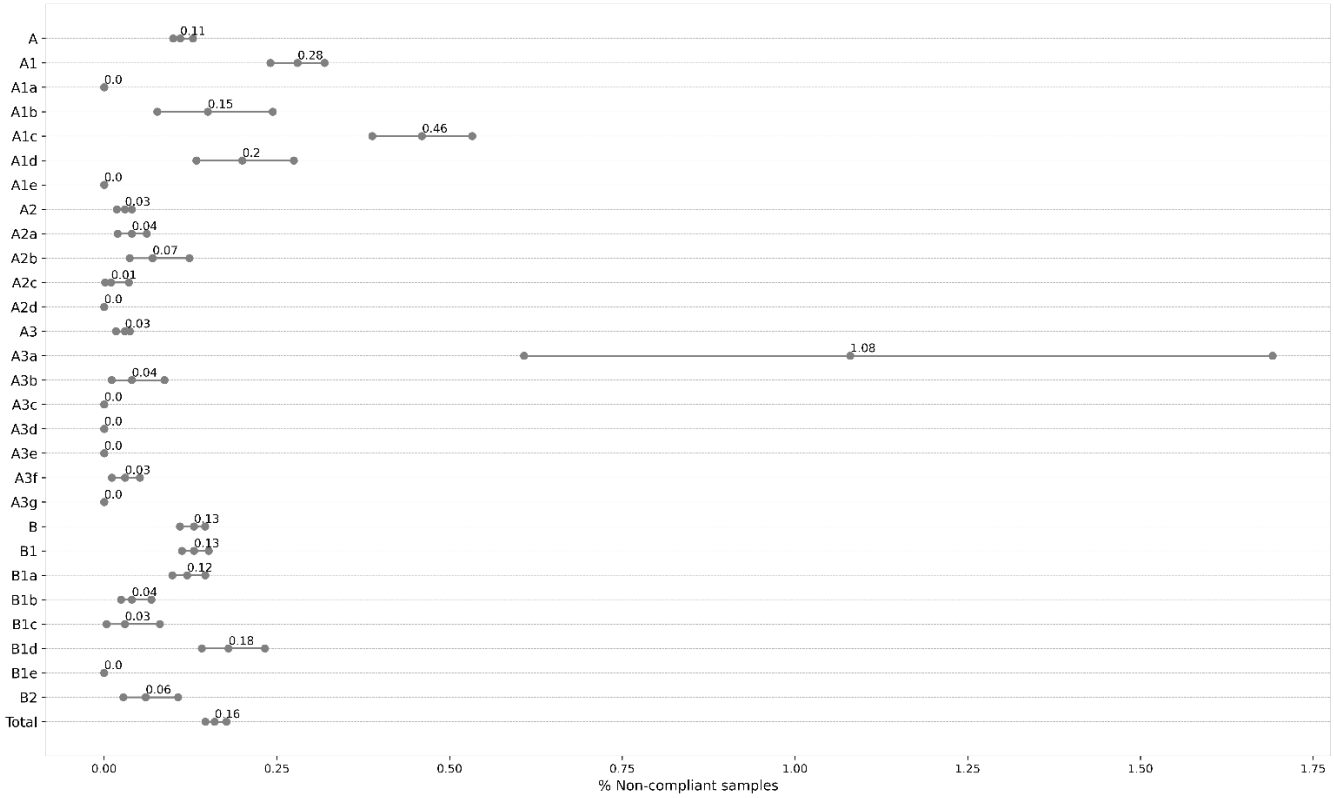

Figure 1: Percentage of non-compliant samples (with confidence intervals) in each substance group (according to Plan 1)

3.1.1 Results by substance group

3.1.1.1 Overview on results for Group A1

Directive 96/22/EC prohibits the use of hormones and beta-agonists in food producing animals except for well-defined therapeutic and zootechnical purposes and under strict veterinary control. This group (A1) includes synthetic, hormonally active substances such as stilbenes and their derivatives (A1a), antithyroid agents (A1b), steroids (A1c) and resorcylic acid lactones (A1d) and beta-agonists (A1e).

In the framework of Plan 1, 69,293 samples were analysed for Group A1 substances and 193 samples (0.28%) were non-compliant (238 non-compliant results). No non-compliant results were reported for subgroup A1a while steroids (subgroup A1c) was the substance subgroup with the highest number of non-compliances (172 non-compliant results). Nandrolone was the substance with highest proportion of non-compliances (Table 2) found in bovines (23 non-compliant results), pigs (21 non-compliant results) and sheep/goats (1 non-compliant result); followed by boldenone alpha found in bovines (26 non-compliant results), pigs (8 non-compliant results) and sheep/goats (8 non-compliant results).

The distribution of the non-compliant results, by individual substance and country, are presented in Appendix B.

Table 2: Overview on the non-compliant results for prohibited substances Group A1

Substance group	Residue Definition	Country reporting non-compliant results at residue definition level	Species/Product	Non-compliant results
A1b	6-Propyl-2-thiouracil	Portugal	Bovines	2
A1b	Thiouracil	Slovakia, Spain, Poland	Bovines, Pigs	10
A1c	17(a)1-Testosteron	Austria	Bovines	3
A1c	Boldenone	Poland, France, Austria, Cyprus	Sheep/goats, Bovines, Pigs, Poultry	8
A1c	Boldenone-Alpha	Poland, Norway, Austria, Cyprus	Sheep/goats, Bovines, Pigs	42
A1c	Epinandrolone (19-Norepitestosterone)	France, Poland, Austria, Cyprus, Norway	Sheep/goats, Bovines	29
A1c	Estradiol-17-Alpha	United Kingdom (Northern Ireland)	Bovines	1
A1c	Estradiol-17-Beta	United Kingdom (Northern Ireland), Austria, Lithuania	Bovines, Pigs, Poultry	16
A1c	Estrone	Norway	Bovines	2
A1c	Nandrolone	Poland, United Kingdom (Northern Ireland), Austria, France	Sheep/goats, Bovines, Pigs	45
A1c	Norethandrolon	Lithuania	Bovines	2
A1c	Nortestosterone decanoate	Czechia	Bovines	1
A1c	Progesterone	Lithuania	Bovines, Pigs	5
A1c	Progesterone-17-Alpha-Hydroxy	Lithuania	Pigs	2
A1c	Testosterone-17-Beta	Cyprus, United Kingdom (Northern Ireland), Latvia, Lithuania, Greece	Bovines, Rabbits	16
A1d	Beta Zearalanol (Taleranol)	France, Germany	Sheep/goats, Bovines	3
A1d	Zearalanone	Lithuania	Bovines, Pigs	7
A1d	Zearalenol alpha	Cyprus, Germany, Finland, Lithuania, Spain, Romania	Bovines, Pigs, Rabbits	9
A1d	Zearalenol beta	Poland, Cyprus, Germany, Latvia, Lithuania, Spain	Sheep/goats, Bovines, Pigs, Rabbits	20
A1d	Zearalenone	Poland, Cyprus, Germany, Finland, Latvia, Spain, Romania	Bovines, Pigs, Rabbits	15

3.1.1.2 Overview on results for Group A2

This group (A2) includes substances listed in Table 2 of the Annex to Regulation (EU) No 37/2010 under prohibited substances for which MRLs cannot be established. These substances are not

allowed to be administered to food-producing animals. Examples of substances belonging to this group are chloramphenicol (A2a), nitrofurans (A2b) and nitroimidazoles (A2c).

In the framework of Plan 1, 88,961 samples were analysed for Group A2 substances, and 25 samples (0.03%) were non-compliant (25 non-compliant results). A total of 12 non-compliant results were reported for chloramphenicol in pigs (10 non-compliant results) and poultry (2 non-compliant results); while no non-compliant results were reported for subgroup A2d. The substance with the highest number of non-compliances from subgroup A2b was semicarbazide (9 non-compliant results) while for subgroup A2c, 1 non-compliant result was reported for dimetridazole and 1 non-compliant result for metronidazole (Table 3).

The distribution of the non-compliant results for Plan 1, by individual substance and country, is presented in Appendix B.

Table 3: Overview on the non-compliant results for prohibited substances Group A2

Substance group	Residue Definition	Country reporting non-compliant results at residue definition level	Species/Product	Non-compliant results
A2a	Chloramphenicol	Bulgaria, Austria, Italy, Czechia, Romania	Pigs, Poultry	12
A2b	2-Hydroxy-3,5-dinitrobenzohydrazid	Italy	Eggs	1
A2b	Nitrofurazone	Poland	Bovines	1
A2b	SEM (semicarbazide)	Spain, Poland, France	Honey, Casings, Bovines, Sheep/goats, Milk	9
A2c	Dimetridazole	Portugal	Rabbits	1
A2c	Metronidazole	Poland	Honey	1

3.1.1.3 Overview on results for Group A3

Group A3 includes substances that are not listed in Table 1 of the Annex to Regulation (EU) No 37/2010 or substances not authorised for use in feed for food-producing animals in the Union according to Regulation (EU) No 1831/2003[17] of the European Parliament and of the Council.

This group contains substances such as dyes (A3a); plant protection products as defined in Regulation (EU) 1107/2009[18] and biocides as defined in Regulation (EU) 528/2012[19] which might be used in animal husbandry of food-producing animals (A3b); antimicrobial substances (A3c); coccidiostats, histomonostats and other antiparasitic agents (A3d); protein and peptide

[17] Regulation (EC) No 1831/2003 of the European Parliament and of the Council of 22 September 2003 on additives for use in animal nutrition (Text with EEA relevance). OJ L 268, 18.10.2003, p. 29–43.
[18] Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC. OJ L 309, 24.11.2009, p. 1–50.
[19] Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products Text with EEA relevance. OJ L 167, 27.6.2012, p. 1–123.

hormones (A3e); anti-inflammatory substances, sedatives and any other pharmacologically active substances (A3f); and finally, antiviral substances (A3g).

To be noted that for substances of subgroup A3b, the enforced levels might be done according to pesticides guidelines. As such, the data of the mentioned substance subgroup (A3b) may not be representative of the overall situation.

In the framework of Plan 1, 99,466 samples were analysed for Group A3 substances and 26 samples (0.03%) were non-compliant (28 non-compliant results). All the non-compliant results for subgroup A3a were reported for aquaculture for "sum of crystal violet and leucocrystal violet" (1 non-compliant result) and "sum of malachite green and leucomalachite green" (14 non-compliant results) while no non-compliant results were reported for subgroups A3c, A3d, A3e and A3g. For A3f, 5 non-compliant results were found in ibuprofen, 2 in oxyphenbutazone anhydrate and 2 in phenylbutazone (Table 4).

The distribution of the non-compliant results for Plan 1, by individual substance and country, is presented in Appendix B.

Table 4: Overview on the non-compliant results for prohibited substances Group A3

Substance group	Residue Definition	Country reporting non-compliant results at residue definition level	Species/Product	Non-compliant results
A3a	Sum of crystal violet and leucocrystal violet	Slovakia	Aquaculture	1
A3a	Sum of malachite green and leucomalachite green	Netherlands, Slovakia, Czechia, Poland	Aquaculture	14
A3b	Glyphosate	Slovakia, Latvia	Honey	2
A3b	Nicotine	Germany	Poultry	2
A3f	Ibuprofen	Norway, Croatia, Czechia, Austria	Bovines, Pigs	5
A3f	Oxyphenbutazone Anhydrate	Italy, Germany	Bovines, Horses	2
A3f	Phenylbutazone	Italy, Germany	Bovines, Horses	2

3.1.1.4 Overview on results for Group B1

This group (B1) includes substances listed in Table 1 of the Annex to Regulation (EU) 37/2010 such as antimicrobial substances (B1a); insecticides, fungicides, anthelmintics and other antiparasitic agents (B1b); sedatives (B1c); non-steroidal anti-inflammatory drugs (NSAIDs), corticosteroids and glucocorticoids (B1d) and other pharmacologically active substances (B1e).

In the framework of Plan 1, 135,534 samples were analysed for Group B1 substances and 178 samples (0.13%) were non-compliant (203 non-compliant results). The total number of Plan 1 samples analysed for each subgroup in Group B1, and the percentage of non-compliant samples in the specific animal/product category is presented in Table 5.

The distribution of the non-compliant results for Plan 1, by individual substance and country, is presented in Appendix B.

Table 5: Number of samples analysed for Group B1 subgroups in different animal categories and frequency of non-compliant samples for Plan 1.

Legislative commodity	% NC B1a	Samples B1a	% NC B1b	Samples B1b	% NC B1c	Samples B1c	% NC B1d	Samples B1d	% NC B1e	Samples B1e
Bovines	0.23	17,032	0.06	7170	0.06	1734	0.32	11,437	-	3
Sheep/goats	0.17	2962	0.22	1855	-	296	0.39	776	-	-
Pigs	0.07	30,319	0.04	11,262	0.02	4267	0.06	13,097	-	-
Horses	0.68	146	-	93	-	87	-	272	-	-
Poultry	0.05	17,175	-	6169	-	280	0.05	4135	-	1
Aquaculture	0.12	1610	-	1275	-	136	-	68	-	-
Milk	0.17	6875	0.08	3665	-	30	0.35	3468	-	4
Eggs	0.03	3070	-	1339	-	12	-	165	-	-
Rabbits	-	392	-	133	-	17	-	113	-	-
Game (Farmed Game)	-	213	-	171	-	40	-	97	-	-
Insects	-	1	-	2	-	-	-	-	-	-
Honey	0.5	1792	-	1220	-	7	-	23	-	-
Casings	-	20	-	-	-	6	-	-	-	-

%NC: Percentage of non-compliant samples.

'-': indicates that all the samples were compliant

3.1.1.5 Overview on results for Group B2

This group (B2) includes coccidiostats and histomonostats authorised according to Union legislation, for which maximum levels and maximum residue limits are set under Union legislation.

In the framework of Plan 1, 14,723 samples were analysed for Group B2 substances and 9 samples (0.06%) were non-compliant (10 non-compliant results). These non-compliant samples were observed for poultry, eggs, rabbits, bovines and pigs while the substances identified were dinitrocarbanilide, lasalocid, narasin, salinomycin and toltrazurilsulfon (Table 6).

Table 6: Overview on the non-compliant results on coccidiostats and histomonostats authorised for use in food-producing animals (Group B2)

Residue Definition	Country reporting non-compliant results at residue definition level	Species/Product	Non-compliant results
Dinitrocarbanilide	Poland	Eggs	1

Residue Definition	Country reporting non-compliant results at residue definition level	Species/Product	Non-compliant results
Lasalocid	France	Eggs	1
Narasin	Slovakia, France	Eggs, Poultry	2
Salinomycin	Slovakia, Poland, Austria	Pigs, Eggs, Rabbits, Poultry	4
Toltrazurilsulfon	Spain, Italy	Bovines, Pigs	2

3.1.1.6 Multi-year comparison

As this is the second year that the monitoring data were reported to EFSA using the SSD (Version2.0) format (see Section on Data and Methodologies) and under Implementing Regulation (EU) 2022/1646, comparisons have been performed only between the results from 2023 and 2024. Detailed comparisons with those from earlier years have not been performed due to the introduction of important changes as regards official controls of pharmacologically active substances and residues thereof. It is important to note that this analysis is based on data that were partially aggregated. In addition, the number of samples analysed for each substance and animal/product category was not necessarily the same over the two-year period.

The purpose of this exercise was to check whether major variations of the proportion of non-compliant samples occurred at substance group level overall. When such variations are noted, a more in-depth analysis of the monitoring plans per species, country and pattern of substances analysed has to be carried out in order to identify the trigger for the differences observed and in consequence to take corrective measures.

Overall, the percentage of non-compliant samples for Plan 1 in 2024 (0.16%) was comparable to the previous year (0.15%). A decrease was observed for the number of reported samples, 266,477 in 2024 compared to 284,850 in 2023.

Compared to the results from 2023 for Plan 1, the frequency of non-compliant results in 2024 slightly increased for substances of Group A, specifically for antithyroid agents (A1b), steroids (A1c) and dyes (A3a). Slight decrease was noted for non-steroidal anti-inflammatory drugs (NSAIDs), corticosteroids and glucocorticoids (B1d). For the other substance groups, there were no notable variations (see Figure 2).

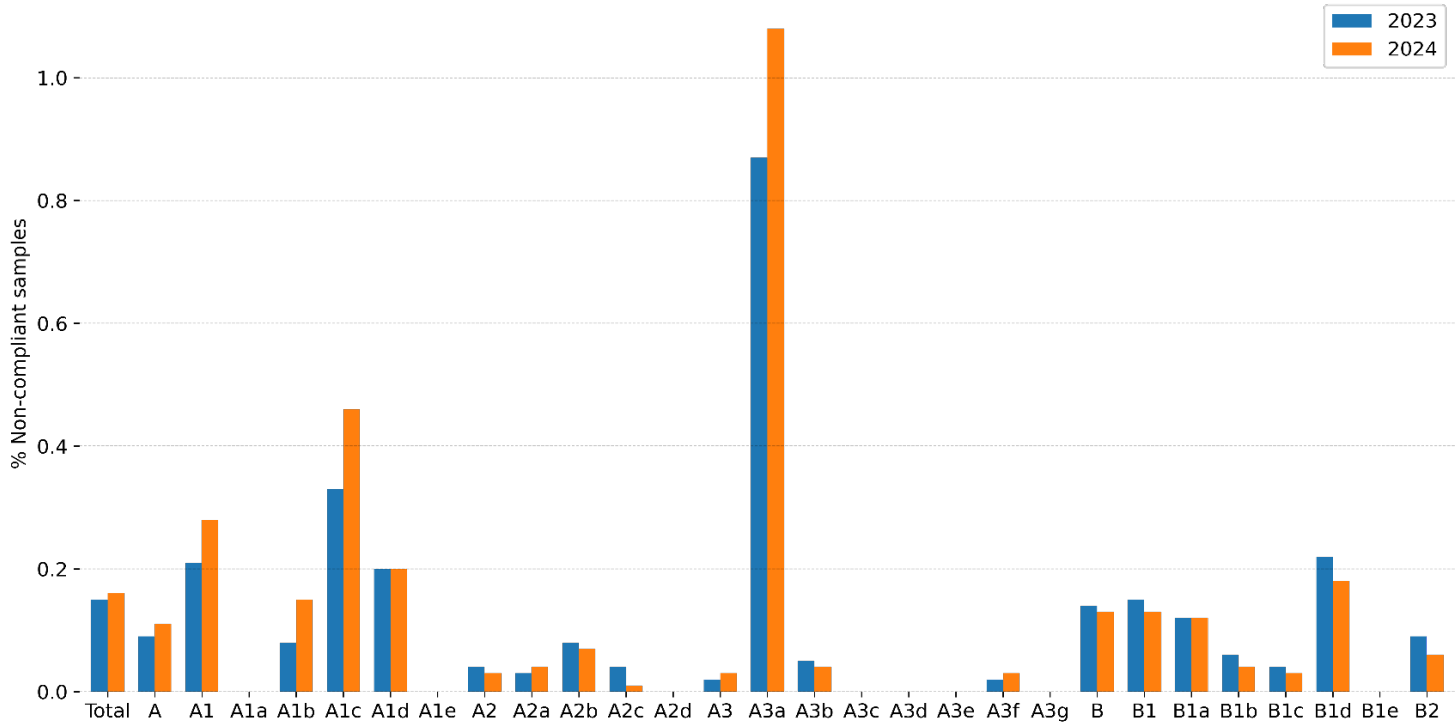

Figure 2: Percentage of non-compliant samples reported in relation to the total number of samples analysed in Plan 1 for the respective group in 2023 - 2024 (substance groups are detailed in Appendix A)

Year	Total	A	A1	A1a	A1b	A1c	A1d	A1e	A2	A2a	A2b	A2c	A2d	A3	A3a	A3b	A3c	A3d	A3e	A3f	A3g
2023	0.15	0.09	0.21	0	0.08	0.33	0.2	0	0.04	0.03	0.08	0.04	0	0.02	0.87	0.05	0	0	0	0.02	0
2024	0.16	0.11	0.28	0	0.15	0.46	0.2	0	0.03	0.04	0.07	0.01	0	0.03	1.08	0.04	0	0	0	0.03	0

Year	B	B1	B1a	B1b	B1c	B1d	B1e	B2
2023	0.14	0.15	0.12	0.06	0.04	0.22	0	0.09
2024	0.13	0.13	0.12	0.04	0.03	0.18	0	0.06

3.1.2 Results by commodity groups

3.1.2.1 Bovines

Annex I to Implementing Regulation 2022/1646 requires that the minimum number of bovine animals to be controlled each year for all kinds of residues and substances is 0.25% of slaughtered animals for Group A substances, for which a minimum of 25% of these samples must be taken from live animal on the farm and 25% at the slaughterhouse, and 0.10% of slaughtered animals for Group B substances.

The production volume for bovines per country and substance group for Plan 1 is presented in Table 7.

Table 7: Production volume and number of samples collected in bovines (according to Plan 1)

Country	Production data (animals)[a]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	% Animal tested Group A	% Animal tested Group B
Austria	641,071	3095	2985	1499	0.47	0.23
Belgium	758,311	4707	3757	4066	0.5	0.54
Bulgaria	34,597	96	73	35	0.21	0.1
Croatia	158,927	460	439	210	0.28	0.13
Cyprus	20,839	74	70	40	0.34	0.19
Czechia	241,577	803	696	267	0.29	0.11
Denmark	449,079	1592	1404	775	0.31	0.17
Estonia	32,702	132	88	51	0.27	0.16
Finland	256,841	973	797	440	0.31	0.17
France	4,136,545	12,304	11,282	3844	0.27	0.09
Germany	3,052,172	10,884	9865	5246	0.32	0.17
Greece	112,951	323	275	120	0.24	0.11
Hungary	103,465	232	210	82	0.2	0.08
Iceland	22,946	97	69	42	0.3	0.18
Ireland	1,911,826	6617	6267	3003	0.33	0.16
Italy	2,863,987	10,416	8542	3749	0.3	0.13
Latvia	72,748	186	175	81	0.24	0.11
Lithuania	149,836	438	423	184	0.28	0.12
Luxembourg	24,975	98	94	50	0.38	0.2
Malta	3977	73	71	51	1.79	1.28
Netherlands	2,128,484	7142	7032	3728	0.33	0.18
Norway	317,783	1231	1224	703	0.39	0.22
Poland	2,039,792	7347	5566	2160	0.27	0.11
Portugal	423,559	1085	949	330	0.22	0.08
Romania	196,462	739	538	218	0.27	0.11
Slovakia	26,751	164	141	37	0.53	0.14
Slovenia	122,489	384	341	250	0.28	0.2
Spain	2,605,419	8294	6892	2788	0.26	0.11

Country	Production data (animals)[a]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	% Animal tested Group A	% Animal tested Group B
Sweden	412,090	1332	1161	670	0.28	0.16
United Kingdom (Northern Ireland)	503,208	1841	1752	581	0.35	0.12
Total	**23,825,409**	**83,159**	**73,178**	**35,300**	**0.31**	**0.15**

(a): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023;

The distribution of samples analysed, non-compliant samples and non-compliant results in bovines for Plan 1 are presented in Table 8. Of the 83,159 samples analysed in this category, 197 (0.24%) were non-compliant (234 non-compliant results). The non-compliant samples were reported by 19 countries.

Table 8: Number of samples analysed, non-compliant samples and non-compliant results in bovines (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	73,178	88	115	0.16	141
A1	38,174	45.9	110	0.29	135
A1a	9047	10.88	-	-	-
A1b	5009	6.02	10	0.2	10
A1c	20,511	24.66	84	0.41	94
A1d	8969	10.79	17	0.19	31
A1e	13,493	16.23	-	-	-
A2	21,070	25.34	3	0.01	3
A2a	7468	8.98	-	-	-
A2b	3071	3.69	3	0.1	3
A2c	2805	3.37	-	-	-
A2d	10,586	12.73	-	-	-
A3	25,009	30.07	2	0.01	3
A3a	-	-	-	-	-
A3b	2164	2.6	-	-	-
A3c	12,966	15.59	-	-	-
A3d	3739	4.5	-	-	-
A3e	91	0.11	-	-	-
A3f	7406	8.91	2	0.03	3
A3g	-	-	-	-	-
B	35,300	42.45	83	0.24	93
B1	33,525	40.31	82	0.24	92
B1a	17,032	20.48	40	0.23	46
B1b	7170	8.62	4	0.06	4
B1c	1734	2.09	1	0.06	1
B1d	11,437	13.75	37	0.32	41

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
B1e	3	-	-	-	-
B2	2572	3.09	1	0.04	1
Total	**83,159**	**100**	**197**	**0.24**	**234**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the case of Plan 1, the percentage of non-compliant bovines samples was 0.16% for Group A (141 non-compliant results) and 0.24% for Group B (93 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.2 Sheep and goats

Annex I to Implementing Regulation 2022/1646 requires that the minimum number of sheep and goats animals to be controlled each year for all kinds of residues and substances is 0.01% of slaughtered animals per species for Group A substances and 0.02% of slaughtered animals per species for Group B substances.

The production volume for sheep and goats per country and substance group for Plan 1 is presented in Table 9.

Table 9: Production volume and number of samples collected in sheep and goats (according to Plan 1)

Country[a]	Production data (animals)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	% Animal tested Group A	% Animal tested Group B
Austria	180,958	260	250	129	0.14	0.07
Belgium	120,065	120	85	118	0.07	0.1
Bulgaria	162,033	47	25	37	0.02	0.02
Croatia	140,189	68	63	55	0.04	0.04
Cyprus	319,476	99	87	76	0.03	0.02
Czechia	9878	37	34	12	0.34	0.12
Denmark	63,643	30	24	23	0.04	0.04
Estonia	8461	14	9	7	0.11	0.08
Finland	56,473	30	21	20	0.04	0.04
France	4,073,901	1390	986	1009	0.02	0.02
Germany	1,106,611	407	348	319	0.03	0.03

Country[a]	Production data (animals)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	% Animal tested Group A	% Animal tested Group B
Greece	3,594,744	474	317	351	0.01	0.01
Hungary	55,178	14	10	9	0.02	0.02
Iceland	463,753	145	66	105	0.01	0.02
Ireland	3,195,552	1173	1112	855	0.03	0.03
Italy	2,924,284	864	522	600	0.02	0.02
Latvia	27,598	12	10	9	0.04	0.03
Lithuania	10,634	19	17	12	0.16	0.11
Luxembourg	2616	8	8	6	0.31	0.23
Malta	6798	78	75	56	1.1	0.82
Netherlands	797,109	239	227	190	0.03	0.02
Norway	1,191,790	475	470	408	0.04	0.03
Poland	80,036	52	35	32	0.04	0.04
Portugal	810,667	176	131	115	0.02	0.01
Romania	435,656	135	46	94	0.01	0.02
Slovakia	14,850	39	30	12	0.2	0.08
Spain	4,235,796	1399	723	963	0.02	0.02
Sweden	226,910	85	67	72	0.03	0.03
United Kingdom (Northern Ireland)	520,262	253	228	133	0.04	0.03
Total	**24,835,921**	**8142**	**6026**	**5827**	**0.02**	**0.02**

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in sheep and goats for Plan 1 are presented in Table 10. Of the 8142 samples analysed in this category, 48 (0.59%) were non-compliant (56 non-compliant results). The non-compliant samples were reported by 10 countries.

Table 10: Number of samples analysed, non-compliant samples and non-compliant results in sheep and goats (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	6026	74.01	36	0.6	41
A1	1349	16.57	35	2.59	40
A1a	314	3.86	-	-	-
A1b	201	2.47	-	-	-
A1c	617	7.58	33	5.35	37
A1d	293	3.6	3	1.02	3
A1e	459	5.64	-	-	-
A2	2330	28.62	1	0.04	1

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A2a	706	8.67	-	-	-
A2b	325	3.99	1	0.31	1
A2c	291	3.57	-	-	-
A2d	1518	18.64	-	-	-
A3	3878	47.63	-	-	-
A3a	-	-	-	-	-
A3b	307	3.77	-	-	-
A3c	2021	24.82	-	-	-
A3d	885	10.87	-	-	-
A3e	-	-	-	-	-
A3f	868	10.66	-	-	-
A3g	-	-	-	-	-
B	5827	71.57	12	0.21	15
B1	5466	67.13	12	0.22	15
B1a	2962	36.38	5	0.17	7
B1b	1855	22.78	4	0.22	4
B1c	296	3.64	-	-	-
B1d	776	9.53	3	0.39	4
B1e	-	-	-	-	-
B2	446	5.48	-	-	-
Total	**8142**	**100**	**48**	**0.59**	**56**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant sheep and goat samples was 0.6% for Group A (41 non-compliant results) and 0.21% for Group B (15 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.3 Pigs

Annex I to Implementing Regulation 2022/1646 requires that the minimum number of pig animals to be controlled each year for all kinds of residues and substances is 0.02% of slaughtered animals for Group A substances and for Group B substances.

The production volume for pigs per country and substance group for Plan 1 is presented in Table 11.

Table 11: Production volume and number of samples collected in pigs (according to Plan 1)

Country	Production data (animals)[(a)]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	% Animal tested Group A	% Animal tested Group B
Austria	4,895,532	2803	2715	1726	0.06	0.04
Belgium	10,543,576	3457	3095	2890	0.03	0.03
Bulgaria	1,230,580	427	242	253	0.02	0.02
Croatia	1,065,561	355	333	204	0.03	0.02
Cyprus	548,893	215	191	153	0.03	0.03
Czechia	2,153,088	828	573	468	0.03	0.02
Denmark	14,735,372	6042	5359	3825	0.04	0.03
Estonia	529,347	301	148	195	0.03	0.04
Finland	1,871,281	942	618	603	0.03	0.03
France	21,872,780	8337	6633	4136	0.03	0.02
Germany	44,288,151	17,165	14,437	11296	0.03	0.03
Greece	1,049,548	290	226	147	0.02	0.01
Hungary	4,703,469	1751	1517	997	0.03	0.02
Iceland	73,457	32	19	18	0.03	0.02
Ireland	3,641,855	1525	1466	833	0.04	0.02
Italy	10,666,769	4414	3274	2425	0.03	0.02
Latvia	450,355	133	111	97	0.02	0.02
Lithuania	829,042	268	255	182	0.03	0.02
Luxembourg	115,000	46	37	35	0.03	0.03
Malta	47,028	69	67	54	0.14	0.11
Netherlands	15,828,193	5874	5714	3994	0.04	0.03
Norway	1,523,495	766	759	526	0.05	0.03
Poland	18,841,787	7425	4237	3811	0.02	0.02
Portugal	5,500,208	1621	1306	777	0.02	0.01
Romania	3,336,115	1415	814	705	0.02	0.02
Slovakia	558,321	299	193	141	0.03	0.03
Slovenia	228,751	105	90	65	0.04	0.03
Spain	56,271,143	19,397	13,147	11,613	0.02	0.02
Sweden	2,672,400	1009	850	697	0.03	0.03
United Kingdom (Northern Ireland)	1,905,913	925	773	502	0.04	0.03
Total	**231,977,010**	**88,236**	**69,199**	**53,368**	**0.03**	**0.02**

(a): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023;

The distribution of samples analysed, non-compliant samples and non-compliant results in pigs for Plan 1 are presented in Table 12. Of the 88,236 samples analysed in this category, 93 (0.11%) were non-compliant (107 non-compliant results). The non-compliant samples were reported by 20 countries.

Table 12: Number of samples analysed, non-compliant samples and non-compliant results in pigs (according to Plan 1)

Substance Group[(a)]	Samples analysed[(b)]	% Samples analysed	Non-compliant samples[(c)]	% Non-compliant samples	Non-compliant results[(d)]
A	69,199	78.42	58	0.08	71
A1	19,301	21.87	44	0.23	57
A1a	4668	5.29	-	-	-
A1b	2655	3.01	2	0.08	2
A1c	8225	9.32	33	0.4	38
A1d	4004	4.54	9	0.22	17
A1e	6699	7.59	-	-	-
A2	29,774	33.74	10	0.03	10
A2a	10,251	11.62	10	0.1	10
A2b	3656	4.14	-	-	-
A2c	5130	5.81	-	-	-
A2d	16,973	19.24	-	-	-
A3	36,926	41.85	4	0.01	4
A3a	-	-	-	-	-
A3b	2345	2.66	-	-	-
A3c	22,645	25.66	-	-	-
A3d	4652	5.27	-	-	-
A3e	-	-	-	-	-
A3f	9328	10.57	4	0.04	4
A3g	-	-	-	-	-
B	53,368	60.48	35	0.07	36
B1	51,009	57.81	33	0.06	34
B1a	30,319	34.36	20	0.07	21
B1b	11,262	12.76	4	0.04	4
B1c	4267	4.84	1	0.02	1
B1d	13,097	14.84	8	0.06	8
B1e	0	0	-	-	-
B2	3253	3.69	2	0.06	2
Total	**88,236**	**100**	**93**	**0.11**	**107**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant pig samples was 0.08% for Group A (71 non-compliant results) and 0.07% for Group B (36 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.4 Horses

Annex I to Implementing Regulation 2022/1646 requires that the minimum number of equine animals to be controlled each year for all kinds of residues and substances is 0.02% of slaughtered animals for Group A substances and for Group B substances.

The production volume for horses per country and substance group for Plan 1 is presented in Table 13.

Table 13: Production volume and number of samples collected in horses (according to Plan 1)

Country[a]	Production data (animals)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	% Animal tested Group A	% Animal tested Group B
Austria	412	33	30	28	7.28	6.8
Belgium	1321	251	227	207	17.18	15.67
Bulgaria	477	8	7	1	1.47	0.21
Croatia	847	15	14	7	1.65	0.83
Czechia	65	22	19	7	29.23	10.77
Denmark	509	38	38	20	7.47	3.93
Estonia	5	1	1	0	20	0
Finland	870	8	8	4	0.92	0.46
France	3629	56	43	37	1.18	1.02
Germany	3354	27	21	21	0.63	0.63
Hungary	96	3	3	1	3.12	1.04
Iceland	8074	12	7	7	0.09	0.09
Ireland	1546	26	26	25	1.68	1.62
Italy	25,780	86	57	62	0.22	0.24
Latvia	50	4	3	4	6	8
Lithuania	193	11	10	5	5.18	2.59
Netherlands	1993	21	20	13	1	0.65
Norway	45	4	4	3	8.89	6.67
Poland	19,535	64	45	24	0.23	0.12
Portugal	105	3	2	1	1.9	0.95
Romania	17,935	27	18	11	0.1	0.06
Spain	32,529	20	15	9	0.05	0.03
Sweden	1110	64	62	56	5.59	5.05
Total	**120,480**	**804**	**680**	**553**	**0.56**	**0.46**

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in horses for Plan 1 are presented in Table 14. Of the 804 samples analysed in this category, 2

(0.25%) were non-compliant (3 non-compliant results). The non-compliant samples were reported by 2 countries.

Table 14: Number of samples analysed, non-compliant samples and non-compliant results in horses (according to Plan 1)

Substance Group[(a)]	Samples analysed[(b)]	% Samples analysed	Non-compliant samples[(c)]	% Non-compliant samples	Non-compliant results[(d)]
A	680	84.58	1	0.15	2
A1	250	31.09	-	-	-
A1a	38	4.73	-	-	-
A1b	42	5.22	-	-	-
A1c	148	18.41	-	-	-
A1d	27	3.36	-	-	-
A1e	121	15.05	-	-	-
A2	159	19.78	-	-	-
A2a	42	5.22	-	-	-
A2b	25	3.11	-	-	-
A2c	23	2.86	-	-	-
A2d	99	12.31	-	-	-
A3	376	46.77	1	0.27	2
A3a	-	-	-	-	-
A3b	33	4.1	-	-	-
A3c	90	11.19	-	-	-
A3d	17	2.11	-	-	-
A3e	-	-	-	-	-
A3f	254	31.59	1	0.39	2
A3g	-	-	-	-	-
B	553	68.78	1	0.18	1
B1	537	66.79	1	0.19	1
B1a	146	18.16	1	0.68	1
B1b	93	11.57	-	-	-
B1c	87	10.82	-	-	-
B1d	272	33.83	-	-	-
B1e	-	-	-	-	-
B2	27	3.36	-	-	-
Total	**804**	**100**	**2**	**0.25**	**3**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant horses' samples was 0.15% for Group A (2 non-compliant results) and 0.18% for Group B (1 non-compliant result).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.5 Poultry

Annex I to Implementing Regulation 2022/1646 requires that the minimum number of poultry animals to be controlled each year for all kinds of residues and substances is 1 sample per 400 tonnes of annual production for each category of poultry for Group A substances and 1 sample per 500 tonnes of annual production for each category of poultry for Group B substances.

The production volume for poultry per country and substance group for Plan 1 is presented in Table 15.

Table 15: Production volume and number of samples collected in poultry (according to Plan 1)

Country	Production data (tonnes)[(a)]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/400 t Group A	Samples tested/500 t Group B
Austria	144,917	853	720	466	1.99	1.61
Belgium	389,444	1387	1110	879	1.14	1.13
Bulgaria	117,891	491	375	220	1.27	0.93
Croatia	61,193	239	227	157	1.48	1.28
Cyprus	27,645	129	116	81	1.68	1.47
Czechia	158,796	624	480	323	1.21	1.02
Denmark	153,616	742	717	476	1.87	1.55
Estonia	22,865	92	60	45	1.05	0.98
Finland	145,818	671	585	483	1.6	1.66
France	1,478,560	6477	5293	3125	1.43	1.06
Germany	1,547,685	6633	5786	4150	1.5	1.34
Greece	279,629	607	441	354	0.63	0.63
Hungary	319,609	1362	1223	857	1.53	1.34
Iceland	9595	54	34	33	1.42	1.72
Ireland	205,538	869	849	375	1.65	0.91
Italy	1,218,500	5740	4341	2891	1.43	1.19
Latvia	39,000	111	99	87	1.02	1.12
Lithuania	71,843	213	201	108	1.12	0.75
Luxembourg	371	5	5	5	5.39	6.74
Malta	2835	58	56	45	7.9	7.94
Netherlands	875,608	3756	3665	2455	1.67	1.4
Norway	114,252	498	493	324	1.73	1.42
Poland	2,700,004	11,834	7849	5905	1.16	1.09
Portugal	350,172	1046	807	467	0.92	0.67
Romania	524,037	2391	1604	1054	1.22	1.01

Country	Production data (tonnes)[a]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/400 t Group A	Samples tested/500 t Group B
Slovakia	108,817	559	353	253	1.3	1.16
Slovenia	66,652	340	297	246	1.78	1.85
Spain	1,632,740	5921	3922	3414	0.96	1.05
Sweden	181,540	607	604	435	1.33	1.2
United Kingdom (Northern Ireland)	148,255	679	507	316	1.37	1.07
Total	**13,097,427**	**54,988**	**42,819**	**30,029**	**1.31**	**1.15**

a): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in poultry for Plan 1 are presented in Table 16. Of the 54,988 samples analysed in this category, 18 (0.03%) were non-compliant (19 non-compliant results). The non-compliant samples were reported by 8 countries.

Table 16: Number of samples analysed, non-compliant samples and non-compliant results in poultry (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	42,819	77.87	6	0.01	6
A1	9208	16.75	2	0.02	2
A1a	1425	2.59	-	-	-
A1b	153	0.28	-	-	-
A1c	3258	5.92	2	0.06	2
A1d	1498	2.72	-	-	-
A1e	4938	8.98	-	-	-
A2	22,360	40.66	2	0.01	2
A2a	7697	14	2	0.03	2
A2b	5107	9.29	-	-	-
A2c	4556	8.29	-	-	-
A2d	7382	13.42	-	-	-
A3	18,551	33.74	2	0.01	2
A3a	-	-	-	-	-
A3b	2347	4.27	2	0.09	2
A3c	10,279	18.69	-	-	-
A3d	4502	8.19	-	-	-
A3e	-	-	-	-	-
A3f	2746	4.99	-	-	-
A3g	50	0.09	-	-	-
B	30,029	54.61	12	0.04	13
B1	24,706	44.93	11	0.04	11

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
B1a	17,175	31.23	9	0.05	9
B1b	6169	11.22	-	-	-
B1c	280	0.51	-	-	-
B1d	4135	7.52	2	0.05	2
B1e	1	0	-	-	-
B2	5638	10.25	1	0.02	2
Total	**54,988**	**100**	**18**	**0.03**	**19**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant poultry samples was 0.01% for Group A (6 non-compliant results) and 0.04% for Group B (13 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.6 Aquaculture

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for aquaculture to be controlled each year for all kinds of residues and substances is 1 sample per 300 tonnes of annual production for the first 60,000 tonnes of production and then 1 additional sample for each additional 2000 tonnes for Group A and for Group B substances.

The production volume for aquaculture per country and substance group for Plan 1 is presented in Table 17.

Table 17: Production volume and number of samples collected in aquaculture (according to Plan 1)

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/required Group A	Samples tested/required Group B
Austria	4719	154	154	31	9.79	1.97
Belgium	3000	60	56	13	5.6	1.3
Bulgaria	8716	54	25	34	0.86	1.17
Croatia	27,218	99	98	62	1.08	0.68
Cyprus	7594	52	45	31	1.78	1.22
Czechia	21,000	156	122	46	1.74	0.66
Denmark	29,397	199	199	134	2.03	1.37
Estonia	801	19	13	7	4.87	2.62
Finland	16,281	106	83	74	1.53	1.36

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/required Group A	Samples tested/required Group B
France	43,431	237	211	119	1.46	0.82
Germany	17,968	235	233	109	3.89	1.82
Greece	135,181	322	226	179	0.95	0.75
Hungary	23,367	84	67	51	0.86	0.65
Iceland	49,602	339	209	192	1.26	1.16
Ireland	12,391	92	92	92	2.23	2.23
Italy	49,650	383	249	201	1.5	1.21
Latvia	870	6	6	4	2.07	1.38
Lithuania	4394	19	15	7	1.02	0.48
Malta	19,829	14	12	9	0.18	0.14
Netherlands	5650	33	33	18	1.75	0.96
Norway	1,645,601	989	394	690	0.4	0.7
Poland	41,693	452	351	117	2.53	0.84
Portugal	16,999	76	67	54	1.18	0.95
Romania	7073	52	34	26	1.44	1.1
Slovakia	1819	87	80	10	13.19	1.65
Slovenia	1121	38	37	17	9.9	4.55
Spain	73,245	376	232	234	1.12	1.13
Sweden	11,884	70	48	38	1.21	0.96
United Kingdom (Northern Ireland)	1140	2	1	1	0.26	0.26
Total	**2,281,634**	**4805**	**3392**	**2600**	**2.59**	**1.98**

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in aquaculture for Plan 1 are presented in Table 18. Of the 4805 samples analysed in this category, 17 (0.35%) were non-compliant (17 non-compliant results). The non-compliant samples were reported by 6 countries.

Table 18: Number of samples analysed, non-compliant samples and non-compliant results in aquaculture (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	3392	70.59	15	0.44	15
A1	686	14.28	-	-	-
A1a	330	6.87	-	-	-
A1b	-	-	-	-	-
A1c	546	11.36	-	-	-
A1d	323	6.72	-	-	-

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A1e	139	2.89	-	-	-
A2	1583	32.94	-	-	-
A2a	684	14.24	-	-	-
A2b	415	8.64	-	-	-
A2c	347	7.22	-	-	-
A2d	635	13.22	-	-	-
A3	2438	50.74	15	0.62	15
A3a	1384	28.8	15	1.08	15
A3b	248	5.16	-	-	-
A3c	794	16.52	-	-	-
A3d	200	4.16	-	-	-
A3e	-	-	-	-	-
A3f	122	2.54	-	-	-
A3g	-	-	-	-	-
B	2600	54.11	2	0.08	2
B1	2586	53.82	2	0.08	2
B1a	1610	33.51	2	0.12	2
B1b	1275	26.53	-	-	-
B1c	136	2.83	-	-	-
B1d	68	1.42	-	-	-
B1e	-	-	-	-	-
B2	103	2.14	-	-	-
Total	**4805**	**100**	**17**	**0.35**	**17**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant aquaculture samples was 0.44% for Group A (15 non-compliant results) and 0.08% for Group B (2 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.7 Milk

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for bovine, ovine and caprine milk to be controlled each year for all kinds of residues and substances is 1 sample per 30,000 tonnes of annual production of milk per species for Group A and for Group B substances.

The production volume for milk per country and substance group for Plan 1 is presented in Table 19.

Table 19: Production volume and number of samples collected in milk (according to Plan 1)

Country	Production data (tonnes)[a]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/30,000 t Group A	Samples tested/30,000 t Group B
Austria	3,642,573	248	248	248	2.04	2.04
Belgium	4,203,646	226	214	201	1.53	1.43
Bulgaria	729,094	51	49	24	2.02	0.99
Croatia	519,325	146	145	131	8.38	7.57
Cyprus	366,279	80	75	66	6.14	5.41
Czechia	3,353,291	230	150	148	1.34	1.32
Denmark	5,664,010	386	386	386	2.04	2.04
Estonia	848,626	161	88	124	3.11	4.38
Finland	2,131,988	161	117	161	1.65	2.27
France	24,394,528	810	741	744	0.91	0.91
Germany	31,317,409	2026	1908	1707	1.83	1.64
Greece	1,962,504	201	164	119	2.51	1.82
Hungary	1,113,005	104	94	62	2.53	1.67
Iceland	155,966	55	19	41	3.65	7.89
Ireland	9,086,725	981	928	907	3.06	2.99
Italy	13,708,968	1070	870	649	1.9	1.42
Latvia	975,000	44	40	37	1.23	1.14
Lithuania	1,521,936	190	168	115	3.31	2.27
Luxembourg	470,000	29	22	24	1.4	1.53
Malta	37,078	113	109	106	88.19	85.77
Netherlands	14,346,086	868	768	627	1.61	1.31
Norway	1,632,000	99	99	60	1.82	1.1
Poland	15,011,976	2510	556	1990	1.11	3.98
Portugal	2,100,187	114	88	67	1.26	0.96
Romania	985,852	116	66	56	2.01	1.7
Slovakia	1,169,791	210	142	104	3.64	2.67
Slovenia	628,101	81	61	63	2.91	3.01
Spain	7,324,929	444	348	313	1.43	1.28
Sweden	2,764,840	93	80	93	0.87	1.01
United Kingdom (Northern Ireland)	2,597,908	1051	747	757	8.63	8.74
Total	**154,763,621**	**12,898**	**9490**	**10,130**	**1.84**	**1.96**

a): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in milk for Plan 1 are presented in Table 20. Of the 12,898 samples analysed in this category, 29

(0.22%) were non-compliant (31 non-compliant results). The non-compliant samples were reported by 10 countries.

Table 20: Number of samples analysed, non-compliant samples and non-compliant results in milk (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	9490	73.58	2	0.02	2
A1	182	1.41	-	-	-
A1a	3	0.02	-	-	-
A1b	-	-	-	-	-
A1c	52	0.4	-	-	-
A1d	3	0.02	-	-	-
A1e	134	1.04	-	-	-
A2	5902	45.76	2	0.03	2
A2a	3000	23.26	-	-	-
A2b	658	5.1	2	0.3	2
A2c	1125	8.72	-	-	-
A2d	3645	28.26	-	-	-
A3	6693	51.89	-	-	-
A3a	-	-	-	-	-
A3b	686	5.32	-	-	-
A3c	3821	29.62	-	-	-
A3d	1275	9.89	-	-	-
A3e	-	-	-	-	-
A3f	3755	29.11	-	-	-
A3g	-	-	-	-	-
B	10,130	78.54	27	0.27	29
B1	10061	78	27	0.27	29
B1a	6875	53.3	12	0.17	14
B1b	3665	28.42	3	0.08	3
B1c	30	0.23	-	-	-
B1d	3468	26.89	12	0.35	12
B1e	4	0.03	-	-	-
B2	212	1.64	-	-	-
Total	**12,898**	**100**	**29**	**0.22**	**31**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant milk samples was 0.02% for Group A (2 non-compliant results) and 0.27% for Group B (29 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.8 Eggs

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for hen eggs and other eggs to be controlled each year for all kinds of residues and substances is 1 sample per 2000 tonnes of annual production of eggs per species for Group A and for Group B substances.

The production volume for eggs per country and substance group for Plan 1 is presented in Table 21.

Table 21: Production volume and number of samples collected in eggs (according to Plan 1)

Country	Production data (tonnes)[(a)]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/2,000 t Group A	Samples tested/2,000 t Group B
Austria	139,000	151	151	151	2.17	2.17
Belgium	199,000	456	294	369	2.95	3.71
Bulgaria	55,842	44	44	25	1.58	0.9
Croatia	44,200	73	72	62	3.26	2.81
Cyprus	8200	42	42	32	10.24	7.8
Czechia	91,964	122	79	63	1.72	1.37
Denmark	54,279	80	80	80	2.95	2.95
Estonia	10,580	31	15	19	2.84	3.59
Finland	75,200	82	72	54	1.91	1.44
France	950,781	1074	481	700	1.01	1.47
Germany	915,300	891	885	651	1.93	1.42
Greece	115,832	66	66	46	1.14	0.79
Hungary	92,662	61	50	34	1.08	0.73
Iceland	4971	42	18	24	7.24	9.66
Ireland	64,757	110	110	74	3.4	2.29
Italy	785,000	844	560	484	1.43	1.23
Latvia	53,320	57	57	43	2.14	1.61
Lithuania	48,186	90	84	64	3.49	2.66
Luxembourg	2000	18	17	17	17	17
Malta	5645	57	57	51	20.19	18.07
Netherlands	585,299	527	511	389	1.75	1.33
Norway	65,453	62	61	39	1.86	1.19
Poland	543,171	648	340	494	1.25	1.82
Portugal	142,808	123	69	103	0.97	1.44
Romania	134,311	153	93	80	1.38	1.19

Country	Production data (tonnes)[a]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/2,000 t Group A	Samples tested/2,000 t Group B
Slovakia	39,344	148	114	50	5.8	2.54
Slovenia	23,488	52	45	40	3.83	3.41
Spain	854,513	691	470	339	1.1	0.79
Sweden	111,470	114	102	112	1.83	2.01
United Kingdom (Northern Ireland)	126,720	732	421	449	6.64	7.09
Total	**6,343,296**	**7641**	**5460**	**5138**	**1.72**	**1.62**

a): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in eggs for Plan 1 are presented in Table 22. Of the 7641 samples analysed in this category, 6 (0.08%) were non-compliant (6 non-compliant results). The non-compliant samples were reported by 4 countries.

Table 22: Number of samples analysed, non-compliant samples and non-compliant results in eggs (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	5460	71.46	1	0.02	1
A1	2	0.03	-	-	-
A1a	1	0.01	-	-	-
A1b	-	-	-	-	-
A1c	1	0.01	-	-	-
A1d	1	0.01	-	-	-
A1e	2	0.03	-	-	-
A2	3367	44.06	1	0.03	1
A2a	1184	15.5	-	-	-
A2b	932	12.2	1	0.11	1
A2c	930	12.17	-	-	-
A2d	937	12.26	-	-	-
A3	3224	42.19	-	-	-
A3a	-	-	-	-	-
A3b	973	12.73	-	-	-
A3c	1765	23.1	-	-	-
A3d	1405	18.39	-	-	-
A3e	-	-	-	-	-
A3f	175	2.29	-	-	-
A3g	-	-	-	-	-
B	5138	67.24	5	0.1	5
B1	3856	50.46	1	0.03	1
B1a	3070	40.18	1	0.03	1

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
B1b	1339	17.52	-	-	-
B1c	12	0.16	-	-	-
B1d	165	2.16	-	-	-
B1e	-	-	-	-	-
B2	2245	29.38	4	0.18	4
Total	**7641**	**100**	**6**	**0.08**	**6**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant egg samples was 0.02% for Group A (1 non-compliant results) and 0.1% for Group B (5 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.9 Rabbits

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for rabbits to be controlled each year for all kinds of residues and substances of Group A is 1 sample per 100 tonnes of annual production for the first 3000 tonnes of production and then 1 additional sample for each additional 2000 tonnes. The minimum number for rabbits to be controlled for substances of Group B is 1 sample per 50 tonnes of annual production for the first 3000 tonnes of production and then 1 additional sample for each additional 500 tonnes.

The production volume for rabbits per country and substance group for Plan 1 is presented in Table 23.

Table 23: Production volume and number of samples collected in rabbits (according to Plan 1)

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/required Group A	Samples tested/required Group B
Belgium	3470	99	62	82	2.03	1.35
Bulgaria	5	3	2	2	40	20
Cyprus	112	22	20	13	17.86	5.8
Czechia	558	17	13	11	2.33	0.99
Denmark	NA	4	4	3	0	0
France	23,684	209	156	152	3.08	1.5
Germany	341	24	20	19	5.87	2.79
Greece	1068	14	9	9	0.84	0.42
Hungary	6189	79	66	56	1.99	0.84

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/required Group A	Samples tested/required Group B
Italy	22,960	169	122	118	2.44	1.18
Latvia	161	6	6	3	3.73	0.93
Lithuania	70	9	8	5	11.43	3.57
Luxembourg	8	6	6	6	75	37.5
Malta	4141	21	20	16	0.64	0.26
Poland	5677	103	58	67	1.77	1.03
Portugal	4068	78	56	52	1.8	0.84
Romania	3	4	2	3	66.67	50
Slovakia	7	23	13	13	185.71	92.86
Slovenia	6	16	14	11	233.33	91.67
Spain	38,682	173	117	127	1.78	0.97
Sweden	12	0	0	0	0	0
Total	**111,220**	**1079**	**774**	**768**	**5.6**	**2.78**

NA: No production data was reported in the 2024 Residue Control Plan

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in rabbits for Plan 1 are presented in Table 24. Of the 1079 samples analysed in this category, 4 (0.37%) were non-compliant (6 non-compliant results). The non-compliant samples were reported by 3 countries.

Table 24: Number of samples analysed, non-compliant samples and non-compliant results in rabbits (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	774	71.73	3	0.39	5
A1	76	7.04	2	2.63	4
A1a	46	4.26	-	-	-
A1b	2	0.19	-	-	-
A1c	37	3.43	1	2.7	1
A1d	21	1.95	1	4.76	3
A1e	14	1.3	-	-	-
A2	386	35.77	1	0.26	1
A2a	81	7.51	-	-	-
A2b	75	6.95	-	-	-
A2c	69	6.39	1	1.45	1
A2d	174	16.13	-	-	-
A3	488	45.23	-	-	-
A3a	-	-	-	-	-

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A3b	44	4.08	-	-	-
A3c	299	27.71	-	-	-
A3d	85	7.88	-	-	-
A3e	-	-	-	-	-
A3f	87	8.06	-	-	-
A3g	-	-	-	-	-
B	768	71.18	1	0.13	1
B1	639	59.22	-	-	-
B1a	392	36.33	-	-	-
B1b	133	12.33	-	-	-
B1c	17	1.58	-	-	-
B1d	113	10.47	-	-	-
B1e	-	-	-	-	-
B2	149	13.81	1	0.67	1
Total	**1079**	**100**	**4**	**0.37**	**6**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant rabbit samples was 0.39% for Group A (5 non-compliant results) and 0.13% for Group B (1 non-compliant result).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.10 Farmed game

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for farmed game to be controlled each year for all kinds of residues and substances of Group A is 1 sample per 100 tonnes of annual production for the first 3000 tonnes of production and then 1 additional sample for each additional 2000 tonnes. The minimum number for farmed game samples to be controlled for substances of Group B is 1 sample per 50 tonnes of annual production for the first 3000 tonnes of production and then 1 additional sample for each additional 500 tonnes.

The production volume for farmed game per country and substance group for Plan 1 is presented in Table 25.

Table 25: Production volume and number of samples collected in farmed game (according to Plan 1)

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/required Group A	Samples tested/required Group B
Austria	3516	64	60	42	1.97	0.69
Belgium	65	77	63	70	96.92	53.85
Czechia	117	22	13	18	11.11	7.69
Denmark	22	7	7	6	31.82	13.64
Finland	1200	44	21	40	1.75	1.67
France	96	72	51	49	53.12	25.52
Germany	1505	70	59	60	3.92	1.99
Greece	53	0	0	0	0	0
Hungary	212	6	4	5	1.89	1.18
Ireland	10	0	0	0	0	0
Italy	65	13	7	13	10.77	10
Latvia	26	4	4	4	15.38	7.69
Lithuania	13	8	7	5	53.85	19.23
Netherlands	279	22	21	15	7.53	2.69
Norway	1818	88	87	63	4.79	1.73
Poland	4	27	18	12	450	150
Romania	58	7	4	4	6.9	3.45
Slovakia	4	9	8	2	200	25
Slovenia	3	7	6	6	200	100
Spain	168	5	2	3	1.19	0.89
Sweden	2210	73	55	59	2.49	1.33
United Kingdom (Northern Ireland)	0	3	2	3	0	0
Total	**11,444**	**628**	**499**	**479**	**12.98**	**6.23**

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in farmed game for Plan 1 are presented in Table 26. Of the 628 samples analysed in this category, no non-compliant samples and results were reported.

Table 26: Number of samples analysed, non-compliant samples and non-compliant results in farmed game (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	499	79.46	-	-	-
A1	63	10.03	-	-	-
A1a	23	3.66	-	-	-
A1b	3	0.48	-	-	-
A1c	34	5.41	-	-	-

Substance Group[(a)]	Samples analysed[(b)]	% Samples analysed	Non-compliant samples[(c)]	% Non-compliant samples	Non-compliant results[(d)]
A1d	18	2.87	-	-	-
A1e	17	2.71	-	-	-
A2	216	34.39	-	-	-
A2a	65	10.35	-	-	-
A2b	33	5.25	-	-	-
A2c	41	6.53	-	-	-
A2d	126	20.06	-	-	-
A3	360	57.32	-	-	-
A3a	-	-	-	-	-
A3b	52	8.28	-	-	-
A3c	176	28.03	-	-	-
A3d	56	8.92	-	-	-
A3e	-	-	-	-	-
A3f	113	17.99	-	-	-
A3g	-	-	-	-	-
B	479	76.27	-	-	-
B1	439	69.9	-	-	-
B1a	213	33.92	-	-	-
B1b	171	27.23	-	-	-
B1c	40	6.37	-	-	-
B1d	97	15.45	-	-	-
B1e	-	-	-	-	-
B2	74	11.78	-	-	-
Total	**628**	**100**	**-**	**-**	**-**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

3.1.2.11 Reptiles and insects

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for reptiles to be controlled each year for all kinds of residues and substances of Group A is 1 sample per 100 tonnes of annual production for the first 3000 tonnes of production and then 1 additional sample for each additional 2000 tonnes. The minimum number reptiles samples to be controlled for substances of Group B is 1 sample per 50 tonnes of annual production for the first 3000 tonnes of production and then 1 additional sample for each additional 500 tonnes.

No production data for the years 2022 and 2023 or results were reported.

In the case of insects, Annex I to Implementing Regulation 2022/1646 requires that the minimum number to be controlled each year for all kinds of residues and substances is 1 sample per 25 tonnes of annual production for Group A substances and for Group B substances.

The production volume for insects per country and substance group for Plan 1 is presented in Table 27.

Table 27: Production volume and number of samples collected in insects (according to Plan 1)

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/25 t Group A	Samples tested/25 t Group B
Belgium	25	0	0	0	0	0
Denmark	2	3	3	2	37.5	25
Germany	2.4	2	2	0	20.83	0
Netherlands	100	0	0	0	0	0
Total	**129.4**	**5**	**5**	**2**	**0.97**	**0.39**

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

Inf is displayed when the calculation cannot be performed because the production is equal to 0 or not reported

The distribution of samples analysed, non-compliant samples and non-compliant results in Insects for Plan 1 are presented in Table 28. Of the 5 samples analysed in this category, no non-compliant samples and results were reported.

Table 28: Number of samples analysed, non-compliant samples and non-compliant results in insects (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	5	100	-	-	-
A1	0	0	-	-	-
A1a	0	0	-	-	-
A1b	0	0	-	-	-
A1c	0	0	-	-	-
A1d	0	0	-	-	-
A1e	0	0	-	-	-
A2	4	80	-	-	-
A2a	3	60	-	-	-
A2b	1	20	-	-	-
A2c	0	0	-	-	-
A2d	1	20	-	-	-
A3	2	40	-	-	-
A3a	0	0	-	-	-
A3b	1	20	-	-	-

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A3c	1	20	-	-	-
A3d	0	0	-	-	-
A3e	0	0	-	-	-
A3f	0	0	-	-	-
A3g	0	0	-	-	-
B	2	40	-	-	-
B1	2	40	-	-	-
B1a	1	20	-	-	-
B1b	2	40	-	-	-
B1c	0	0	-	-	-
B1d	0	0	-	-	-
B1e	0	0	-	-	-
B2	0	0	-	-	-
Total	**5**	**100**	**-**	**-**	**-**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

3.1.2.12 Honey

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for honey to be controlled each year for all kinds of residues and substances is 1 sample per 50 tonnes of annual production for the first 5000 tonnes of production and then 1 additional sample for each additional 500 tonnes for Group A and for Group B substances.

The production volume for honey per country and substance group for Plan 1 is presented in Table 29.

Table 29: Production volume and number of samples collected in honey (according to Plan 1)

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/required Group A	Samples tested/required Group B
Austria	4300	183	183	183	2.13	2.13
Belgium	2000	108	18	93	0.45	2.33
Bulgaria	3712	150	113	77	1.52	1.04
Croatia	2800	120	85	102	1.52	1.82
Cyprus	542	33	18	26	1.66	2.4
Czechia	5900	185	104	110	1.02	1.08

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/required Group A	Samples tested/required Group B
Denmark	2959	122	90	102	1.52	1.72
Estonia	1631	60	32	33	0.98	1.01
Finland	3000	59	59	59	0.98	0.98
France	31,739	159	128	86	0.83	0.56
Germany	34,116	282	273	211	1.73	1.33
Greece	21,500	177	107	119	0.8	0.89
Hungary	58,116	290	253	206	1.23	1
Ireland	1140	41	36	20	1.58	0.88
Italy	23,000	305	209	158	1.54	1.16
Latvia	2302	49	49	45	1.06	0.98
Lithuania	7894	58	58	51	0.55	0.48
Luxembourg	90	18	16	11	8.89	6.11
Malta	20	9	9	6	22.5	15
Netherlands	836	25	25	21	1.5	1.26
Norway	1550	42	42	34	1.35	1.1
Poland	23,075	386	141	246	1.04	1.81
Portugal	10,441	248	110	187	0.99	1.69
Romania	10,873	230	181	116	1.62	1.04
Slovakia	3500	204	136	108	1.94	1.54
Slovenia	2405	49	15	39	0.31	0.81
Spain	27,394	212	137	160	0.95	1.11
Sweden	4000	80	75	79	0.94	0.99
United Kingdom (Northern Ireland)	24	1	1	0	2.08	0
Total	**290,859**	**3885**	**2703**	**2688**	**4.02**	**4**

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

The distribution of samples analysed, non-compliant samples and non-compliant results in honey for Plan 1 are presented in Table 30. Of the 3885 samples analysed in this category, 13 (0.33%) were non-compliant (22 non-compliant results). The non-compliant samples were reported by 5 countries.

Table 30: Number of samples analysed, non-compliant samples and non-compliant results in honey (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	2703	69.58	4	0.15	4
A1	2	0.05	-	-	-
A1a	2	0.05	-	-	-
A1b	-	-	-	-	-

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A1c	2	0.05	-	-	-
A1d	2	0.05	-	-	-
A1e	2	0.05	-	-	-
A2	1606	41.34	2	0.12	2
A2a	631	16.24	-	-	-
A2b	501	12.9	1	0.2	1
A2c	283	7.28	1	0.35	1
A2d	538	13.85	-	-	-
A3	1515	39	2	0.13	2
A3a	-	-	-	-	-
A3b	844	21.72	2	0.24	2
A3c	841	21.65	-	-	-
A3d	86	2.21	-	-	-
A3e	-	-	-	-	-
A3f	413	10.63	-	-	-
A3g	-	-	-	-	-
B	2688	69.19	9	0.33	18
B1	2688	69.19	9	0.33	18
B1a	1792	46.13	9	0.5	18
B1b	1220	31.4	-	-	-
B1c	7	0.18	-	-	-
B1d	23	0.59	-	-	-
B1e	-	-	-	-	-
B2	4	0.1	-	-	-
Total	**3885**	**100**	**13**	**0.33**	**22**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant honey samples was 0.15% for Group A (4 non-compliant results) and 0.33% for Group B (18 non-compliant results).

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.1.2.13 Casings

Annex I to Implementing Regulation 2022/1646 requires that the minimum number for casings to be controlled each year for residues and substances is 1 sample per 300 tonnes of annual

production for Group A substances, while no minimum number of casing samples required is set up for Group B substances.

According to the legal requirements set up in Annex II to Delegated Regulation (EU) 2022/1644, casings shall be tested for the presence of substances of Group A2.

The production volume for casings per country and substance group for Plan 1 is presented in Table 31.

Table 31: Production volume and number of samples collected in casings (according to Plan 1)

Country[a]	Production data (tonnes)[b]	Number of samples	Number of samples analysed for Group A	Number of samples analysed for Group B	Samples tested/300 t Group A
Czechia	0	10	10	0	inf
Denmark	11,416	0	0	0	0
Estonia	22	1	1	0	13.64
France	9330	25	25	0	0.8
Greece	110	1	1	0	2.73
Ireland	NA	5	5	0	0
Italy	10,700	33	33	0	0.93
Lithuania	2547	10	10	0	1.18
Netherlands	300	53	53	11	53
Portugal	29,384	32	29	9	0.3
Spain	13,888	35	35	0	0.76
Sweden	10	2	2	0	60
Total	**77,707**	**197**	**194**	**20**	**1**

(a): Only the countries with reported production or results data are included

(b): The production data, taken from the 2024 Residue Control Plan, may pertain to the years 2022 or 2023

Inf is displayed when the calculation cannot be performed because the production is equal to 0 or not reported

The distribution of samples analysed, non-compliant samples and non-compliant results in casings for Plan 1 are presented in Table 32. Of the 197 samples analysed in this category, 3 (1.45%) were non-compliant (3 non-compliant results). The non-compliant samples were reported by 2 countries.

Table 32: Number of samples analysed, non-compliant samples and non-compliant results in casings (according to Plan 1)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	194	98.48	3	1.55	3
A1	-	-	-	-	-
A1a	-	-	-	-	-
A1b	-	-	-	-	-
A1c	-	-	-	-	-
A1d	-	-	-	-	-

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A1e	-	-	-	-	-
A2	194	98.48	3	1.55	3
A2a	76	38.58	-	-	-
A2b	78	39.59	3	3.85	3
A2c	30	15.23	-	-	-
A2d	22	11.17	-	-	-
A3	6	3.05	-	-	-
A3a	-	-	-	-	-
A3b	-	-	-	-	-
A3c	6	3.05	-	-	-
A3d	-	-	-	-	-
A3e	-	-	-	-	-
A3f	6	3.05	-	-	-
A3g	-	-	-	-	-
B	20	10.15	-	-	-
B1	20	10.15	-	-	-
B1a	20	10.15	-	-	-
B1b	-	-	-	-	-
B1c	6	3.05	-	-	-
B1d	-	-	-	-	-
B1e	-	-	-	-	-
B2	-	-	-	-	-
Total	**197**	**100**	**3**	**1.52**	**3**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

In the context of Plan 1, the percentage of non-compliant casings samples was 1.47% for Group A (3 non-compliant results) while no non-compliant samples were reported for Group B.

The specific substances identified, and the number of non-compliant results reported by each country, are presented in Appendix B.

3.2 Results according to Plan 2

The aim of this assessment is to give an overview of the total number of samples analysed for the individual substance groups and to summarise the non-compliant samples in the context of Plan 2.

In 2024, 10,165 samples were objective samples collected in conformity with the specifications of the Plan 2 for 2024.

Of the total samples of Plan 2, 78.06% were analysed for unauthorised substances (Group A) and 73.68% for active substances authorised for use in food-producing animals (Group B). Of these objective samples, 22 were non-compliant (0.22%) (23 non-compliant results at residue definition level), 16 for Group B and 7 for Group A substances. The percentage of non-compliant samples calculated from the total number of samples analysed for substances in those categories was: 0.08% for Group A with 0.18% non-compliant samples for substances of Group A1, 0.03% non-compliant samples for substances of Group A2 and 0.02% non-compliant samples for substances of Group A3; while 0.21% of non-compliant samples were found for Group B, 0.17% non-compliant samples for substances of Group B1 and 0.22% non-compliant samples for substances of Group B2.

The distribution of the non-compliant results for Plan 2, by individual substance and country, is presented in Appendix C.

Table 33: Number of samples analysed by substance groups and frequency of non-compliant samples and non-compliant results (according to Plan 2)

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A	7935	78.06	6	0.08	7
A1	2205	21.69	4	0.18	5
A1a	613	6.03	-	-	-
A1b	137	1.35	2	1.46	2
A1c	986	9.7	1	0.1	1
A1d	806	7.93	1	0.12	2
A1e	623	6.13	-	-	-
A2	3259	32.06	1	0.03	1
A2a	1083	10.65	1	0.09	1
A2b	363	3.57	-	-	-
A2c	540	5.31	-	-	-
A2d	2572	25.3	-	-	-
A3	5405	53.17	1	0.02	1
A3a	13	0.13	-	-	-
A3b	1495	14.71	-	-	-
A3c	3541	34.84	-	-	-
A3d	1144	11.25	-	-	-
A3e	1	0.01	-	-	-
A3f	3010	29.61	1	0.03	1
A3g	37	0.36	-	-	-
B	7490	73.68	16	0.21	16
B1	6984	68.71	12	0.17	12
B1a	4709	46.33	2	0.04	2

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
B1b	3642	35.83	1	0.03	1
B1c	813	8	-	-	-
B1d	3297	32.43	9	0.27	9
B1e	2	0.02	-	-	-
B2	1800	17.71	4	0.22	4
Total	**10,165**	**100**	**22**	**0.22**	**23**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

Annex II to Implementing Regulation 2022/1646 establishes a minimum sampling frequency per Member States for Plan 2. The samples taken must be distributed between different animal categories and products with 25% of samples taken to be analysed for Group A substances and 75% of samples taken to be analysed for Group B substances.

The percentage of samples analysed for Group A and for Group B by each Member States is presented in Table 34. Both Iceland and Norway do not have a minimum required number of samples to be analysed but still took samples and analysed them for substances of Group A and/or Group B.

Table 34: Minimum number of samples required and number of samples collected by substance group for Plan 2

Country	Required number of samples to be analysed	Samples analysed	Samples analysed for group A	Samples analysed for group B
Austria	150	168	168	159
Belgium	195	183	183	181
Bulgaria	120	104	103	104
Croatia	70	189	65	184
Cyprus	15	27	27	27
Czechia	180	189	52	137
Denmark	100	100	100	93
Estonia	25	24	23	19
Finland	95	92	92	85
France	1150	2391	1947	1340
Germany	1425	1583	1491	1194
Greece	185	133	110	105
Hungary	165	548	525	514
Iceland	-	30	9	21

Country	Required number of samples to be analysed	Samples analysed	Samples analysed for group A	Samples analysed for group B
Ireland	85	87	47	40
Italy	1050	1056	854	761
Latvia	35	77	75	54
Lithuania	50	56	43	46
Luxembourg	10	30	29	27
Malta	10	1	1	1
Netherlands*	300	249	240	246
Norway	-	26	0	26
Poland	650	655	569	655
Portugal	175	172	130	122
Romania	335	340	148	249
Slovakia	95	149	44	111
Slovenia	35	15	15	7
Spain	805	1435	795	926
Sweden	175	-	-	-
United Kingdom (Northern Ireland)	30	56	50	56

'-' indicates that zero samples/results were reported;

*The numbers are incomplete as certain results of samples analysed with non-targeted screening methods could not be submitted to EFSA

The distribution of the samples taken by the different animal and product categories by Group A and Group B substances by each Member States is presented in Table 35. No results for reptiles were reported in 2024 for Plan 2.

Table 35: Proportion of samples for Group A/B by country for Plan 2

Country	Group A/B	Bovines	Sheep /goats	Pigs	Horses	Poultry	Aquaculture	Milk	Eggs	Rabbits	Game (Farmed Game)	Insects	Honey	Casings
Austria	A	9.52	0.6	20.83	-	7.74	5.95	47.62	6.55	-	-	-	1.19	-
Austria	B	7.14	0.6	19.64	-	5.95	5.95	47.62	6.55	-	-	-	1.19	-
Belgium	A	27.32	2.73	28.96	2.73	28.96	-	4.37	2.73	2.19	-	-	-	-
Belgium	B	27.32	2.73	28.96	2.73	28.96	-	3.28	2.73	2.19	-	-	-	-
Bulgaria	A	3.85	3.85	33.65	0.96	8.65	6.73	23.08	8.65	-	-	-	9.62	-
Bulgaria	B	3.85	3.85	33.65	0.96	8.65	6.73	23.08	8.65	-	-	-	10.58	-
Croatia	A	10.05	-	11.11	-	4.76	0.53	2.12	3.17	-	-	-	2.65	-
Croatia	B	16.93	-	25.4	-	42.86	4.23	2.12	3.17	0.53	-	-	2.12	-
Cyprus	A	11.11	7.41	22.22	-	14.81	7.41	18.52	11.11	7.41	-	-	-	-
Cyprus	B	11.11	7.41	22.22	-	14.81	7.41	18.52	11.11	7.41	-	-	-	-
Czechia	A	2.65	-	5.29	-	13.76	3.7	2.12	-	-	-	-	-	-
Czechia	B	12.7	-	14.81	1.06	11.11	5.29	11.64	12.7	0.53	-	-	2.65	-
Denmark	A	12	1	16	-	7	2	56	6	-	-	-	-	-
Denmark	B	9	1	12	-	7	2	56	6	-	-	-	-	-
Estonia	A	4.17	4.17	20.83	-	12.5	4.17	41.67	8.33	-	-	-	-	-
Estonia	B	-	4.17	16.67	-	8.33	4.17	33.33	8.33	-	-	-	4.17	-
Finland	A	13.04	1.09	21.74	1.09	21.74	6.52	22.83	9.78	-	-	-	2.17	-
Finland	B	10.87	1.09	16.3	1.09	21.74	6.52	22.83	9.78	-	-	-	2.17	-
France	A	27.35	3.05	12.8	0.75	13.76	2.47	12.76	4.22	0.5	0.54	-	3.09	0.13
France	B	9.66	2.68	9.7	0.63	9.28	1.59	10.92	7.32	1.51	0.33	-	2.43	-
Germany	A	6.57	0.06	12	-	25.39	0.19	48.45	1.45	-	-	-	0.06	-
Germany	B	7.01	0.06	12.89	-	5.43	0.19	48.39	1.39	-	-	-	0.06	-
Greece	A	7.52	3.01	17.29	-	15.04	4.51	27.82	5.26	-	-	-	2.26	-
Greece	B	10.53	3.76	15.04	-	6.02	6.02	30.83	3.76	-	-	-	3.01	-
Hungary	A	3.65	0.73	22.45	0.18	47.99	5.29	1.82	3.65	1.09	0.55	-	8.39	-

Country	Group A/B	Bovines	Sheep /goats	Pigs	Horses	Poultry	Aquaculture	Milk	Eggs	Rabbits	Game (Farmed Game)	Insects	Honey	Casings
Hungary	B	3.28	0.91	22.63	0.18	46.72	4.56	1.82	3.65	0.91	0.55	-	8.58	-
Iceland	A	-	-	-	-	30	-	-	-	-	-	-	-	-
Iceland	B	20	20	20	10	-	-	-	-	-	-	-	-	-
Ireland	A	14.94	-	18.39	-	20.69	-	-	-	-	-	-	-	-
Ireland	B	19.54	16.09	10.34	-	-	-	-	-	-	-	-	-	-
Italy	A	23.39	1.23	17.14	1.23	5.87	2.27	16	7.01	0.95		-	5.78	-
Italy	B	14.49	1.52	6.53	1.33	7.95	2.18	21.5	9.47	1.14		-	5.97	-
Latvia	A	16.88	9.09	19.48	-	9.09	6.49	10.39	7.79	5.19	5.19	-	7.79	-
Latvia	B	9.09	6.49	14.29	-	6.49	3.9	9.09	5.19	3.9	3.9	-	7.79	-
Lithuania	A	8.93	7.14	7.14	8.93	21.43	1.79	7.14	3.57	7.14	3.57	-	-	-
Lithuania	B	12.5	8.93	14.29	10.71	7.14	1.79	8.93	3.57	8.93	5.36	-	-	-
Luxembourg	A	26.67	3.33	20	-	6.67	-	16.67	10	6.67	-	-	6.67	-
Luxembourg	B	23.33	3.33	16.67	-	10	-	13.33	10	6.67	-	-	6.67	-
Malta	A	-	-	-	-	-	-	-	-	100	-	-	-	-
Malta	B	-	-	-	-	-	-	-	-	100	-	-	-	-
Netherlands*	A	14.86	7.23	14.86	1.61	18.07	3.61	15.66	13.25	-	3.21	0.4	3.61	-
Netherlands*	B	14.86	7.23	14.86	1.61	17.67	3.61	15.66	13.25	-	3.21	3.21	3.61	-
Norway	B	-	-	-	-	-	100	-	-	-	-	-	-	-
Poland	A	18.02	0.61	20.46	1.22	38.63	0.92	3.82	1.83	0.46	-	-	0.92	-
Poland	B	24.12	0.76	26.72	1.53	38.63	0.92	3.97	1.83	0.46	-	-	1.07	-
Portugal	A	8.72	4.65	5.23	-	1.16	1.74	52.91	1.16	-	-	-	-	-
Portugal	B	8.72	2.33	4.07	-	1.74	-	51.16	2.91	-	-	-	-	-
Romania	A	7.94	-	13.82	-	11.47	-	2.65	3.24	-	-	-	4.41	-
Romania	B	14.12	-	27.06	-	17.06	-	6.18	4.41	-	-	-	4.41	-
Slovakia	A	0.67	1.34	1.34	-	20.81	1.34	-	-	3.36	0.67	-	-	-
Slovakia	B	11.41	6.71	9.4	-	9.4	2.68	16.11	5.37	5.37	3.36	-	4.7	-

Country	Group A/B	Bovines	Sheep /goats	Pigs	Horses	Poultry	Aquaculture	Milk	Eggs	Rabbits	Game (Farmed Game)	Insects	Honey	Casings
Slovenia	A	-	-	13.33	-	13.33	-	66.67	6.67	-	-	-	-	-
Slovenia	B	-	-	-	-	6.67	-	40	-	-	-	-	-	-
Spain	A	18.61	2.16	25.16	0.21	6.55	0.35	0.7	0.63	0.56	-	-	0.35	0.14
Spain	B	16.52	4.6	28.78	0.07	10.66	0.63	0.91	0.91	0.98	0.07	-	0.42	-
United Kingdom (Northern Ireland)	A	12.5	17.86	42.86	-	7.14	-	8.93	-	-	-	-	-	-
United Kingdom (Northern Ireland)	B	12.5	17.86	42.86	-	7.14	-	8.93	10.71	-	-	-	-	-

'-' indicates that zero samples/results were reported;

* The numbers are incomplete as certain results of samples analysed with non-targeted screening methods could not be submitted to EFSA

3.3 Results according to Plan 3

The aim of this assessment is to give an overview of the total number of samples analysed for the individual substance groups and to summarise the non-compliant samples in the context of Plan 3.

In 2024, 6061 samples were import samples collected in conformity with the specifications of the Plan 3 for 2024. The control of samples at import is linked to the control of residues in samples coming from the third countries; thus, Member States shall also report those results to the EC (using other tools e.g. the Trade Control and Expert System (TRACES) and the Rapid Alert System for Food and Feed (RASFF)). Therefore, these data may not be representative of the overall situation of residue control at import.

Of the total samples of Plan 3, 88.14% were analysed for unauthorised substances (Group A) and 60.83% for active substances authorised for use in food-producing animals (Group B). Of these import samples, 12 were non-compliant (0.2%) (12 non-compliant results at residue definition level). The percentage of non-compliant samples calculated from the total number of samples analysed for substances in those categories was: 0.13% for Group A with 0.06% non-compliant samples for substances of Group A2 and 0.16% for substances of Group A3; while 0.14% of non-compliant samples were found for Group B, 0.09% for substances of Group B1 and 0.76% for substances of Group B2 (Table 36).

The distribution of the non-compliant results for Plan 3, by individual substance and country, is presented in Appendix D.

Table 36: Number of samples analysed by substance groups and frequency of non-compliant samples and non-compliant results (according to Plan 3)

Substance Group[(a)]	Samples analysed[(b)]	% Samples analysed	Non-compliant samples[(c)]	% Non-compliant samples	Non-compliant results[(d)]
A	5342	88.14	7	0.13	7
A1	297	4.9	-	-	-
A1a	125	2.06	-	-	-
A1b	9	0.15	-	-	-
A1c	163	2.69	-	-	-
A1d	37	0.61	-	-	-
A1e	133	2.19	-	-	-
A2	3099	51.13	2	0.06	2
A2a	1318	21.75	-	-	-
A2b	1070	17.65	-	-	-
A2c	430	7.09	2	0.47	2
A2d	1439	23.74	-	-	-
A3	3135	51.72	5	0.16	5
A3a	426	7.03	4	0.94	4
A3b	726	11.98	-	-	-
A3c	1373	22.65	1	0.07	1

Substance Group[a]	Samples analysed[b]	% Samples analysed	Non-compliant samples[c]	% Non-compliant samples	Non-compliant results[d]
A3d	728	12.01	-	-	-
A3e	-	-	-	-	-
A3f	577	9.52	-	-	-
A3g	-	-	-	-	-
B	3687	60.83	5	0.14	5
B1	3486	57.52	3	0.09	3
B1a	2040	33.66	2	0.1	2
B1b	1181	19.49	1	0.08	1
B1c	174	2.87	-	-	-
B1d	441	7.28	-	-	-
B1e	-	-	-	-	-
B2	262	4.32	2	0.76	2
Total	**6061**	**100**	**12**	**0.2**	**12**

'-' indicates that zero samples/results were reported;

(a): as detailed in Appendix A;

(b): number of samples analysed for one or more substances of the respective group;

(c): number of non-compliant samples for one or more substances in the respective group;

(d): number of non-compliant results; one sample can be non-compliant for more substances therefore the number of non-compliant results can be higher than the number of non-compliant samples of the same group;

Annex III to Implementing Regulation 2022/1646 establishes a minimum sampling frequency for Group A and Group B substances for each animal categories and products based on the most recent imported consignments by country.

The proportion of samples taken in the context of import control by country is presented in Table 37. The proportion is calculated based on the samples taken during the 2024 control activities and the imported consignments of 2022 or 2023. The compliance against the mentioned regulation cannot be checked as the imported consignments can vary every year.

No results for insects were reported in 2024 for Plan 3.

Table 37: Minimum proportion of samples according to legislative commodity group (according to Plan 3)

Country[(a)]	Bovines (7% required)	Sheep and goats (3% required)	Pigs (3% required)	Horses (3% required)	Poultry (7% required)	Aquaculture (7% required)	Milk (7% required)	Eggs (12% required)	Rabbits (12% required)	Game (Farmed Game) (12% required)	Game (Wild Game) (12% required)	Reptiles (12% required)	Honey (7% required)	Casings (2% required)
Austria	-	-	-	-	-	3.03	-	inf	-	-	-	-	-	-
Belgium	5.77	0.16	25	6.33	4.31	10.58	14	33.33	10.81	9.85	4.23	-	6.92	-
Bulgaria	-	-	-	-	2.7	5.46	8.82	-	-	-	-	-	-	0.68
Croatia	3.29	0.88	0.62	-	5.67	19.66	2.33	-	-	-	-	-	-	-
Cyprus	3.12	-	3.33	-	6.56	6.43	-	-	-	-	-	-	22.22	-
Czechia	40	-	-	-	-	50	-	-	-	-	-	-	33.33	-
Denmark	6.6	4.26	1.25	-	55.56	6.63	-	1.05	-	25	-	-	9.52	-
Estonia	-	5.88	-	-	inf	0.69	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	2.63	-	-	-	11.11	-	-	-	-
Germany	5.82	3.7	-	100	6.5	6.5	1.76	2.33	5.41	3.45	-	-	6.82	2.19
Greece	2.13	2.98	5.26	-	4	1.47	-	61.29	-	-	-	-	19.44	2.29
Hungary	-	-	-	-	3.48	2.59	-	3.5	-	-	-	-	4.1	-
Iceland	8.57	-	2.78	-	8.33	-	6.25	-	-	-	-	-	4.55	-
Ireland	28	1	3	-	101	46	23	10	-	-	-	-	19	-
Italy	6.25	-	-	13.95	-	6.41	-	inf	-	-	-	-	6.7	4.73
Latvia	-	-	-	-	-	0.96	33.33	-	-	-	-	-	50	-
Lithuania	-	-	-	-	-	3.9	-	-	-	-	-	-	33.33	-
Luxembourg	26.67	-	-	-	-	16.67	-	-	-	-	-	-	-	-
Malta	9.21	8.33	-	-	4.76	1.01	-	-	-	-	-	-	20	-
Netherlands	5.37	5.53	3.17	3.25	4.59	6.52	6.32	6.82	12.5	1.24	inf	100	7.41	0.8
Norway	9.19	9.09	-	-	-	16.96	-	-	-	-	-	-	25	-
Poland	7.55	-	-	-	0.85	6.37	5.47	6.22	-	inf	-	-	7.22	1.93
Portugal	5.78	5.26	-	-	3.03	4.34	-	-	-	-	-	-	5.88	1.67

Country[(a)]	Bovines (7% required)	Sheep and goats (3% required)	Pigs (3% required)	Horses (3% required)	Poultry (7% required)	Aquaculture (7% required)	Milk (7% required)	Eggs (12% required)	Rabbits (12% required)	Game (Farmed Game) (12% required)	Game (Wild Game) (12% required)	Reptiles (12% required)	Honey (7% required)	Casings (2% required)
Romania	inf	-	-	-	5.46	6.94	-	11.19	-	-	-	-	7.21	1.98
Slovakia	-	-	-	-	-	-	9.52	24.1	-	-	-	-	16.38	-
Slovenia	-	-	-	-	-	3.08	-	-	-	-	-	-	-	10.34
Spain	0.06	-	-	-	-	0.87	-	-	-	-	-	-	4.02	-
Sweden	8.05	-	-	-	7.14	9.62	-	-	-	-	-	-	10	-
United Kingdom (Northern Ireland)	4.92	14.29	1.97	-	4.5	-	1.29	6.73	-	-	-	-	-	-

'-' indicates that zero samples/results were reported;

(a) The countries not included in the table did not reported samples/results analysed for Plan 3

Inf is displayed when the calculation cannot be performed because the production is equal to 0 or not reported

3.4 Suspect and other samples

In addition to the samples collected in conformity with the specification of the national control plans for 2024, results were reported on samples collected as suspect sampling or other control activities.

Suspect samples must be taken as follow-up samples to non-compliant results or as follow-up to any suspected or established non-compliance with Union rules set up in Regulation 2019/2090. Thus, these samples are not representative for the assessment of the residue situation in the reporting countries and therefore should not be counted towards the minimum sampling frequency set up by Implementing Regulation 2022/1646 for each of the plans.

In 2024, 9013 suspect samples were reported of which 100 (1.52%) were non-compliant. An overview of these samples analysed for the different animal species/product categories and the frequency of non-compliant samples is presented in Table 38. Further details on the substances identified and country which reported non-compliant results are given in Appendix E.

Table 38: Number of suspect samples and samples for other purpose analysed by substance groups and frequency of non-compliant samples and non-compliant results

Category	Suspect samples total	Suspect samples non-compliant	Other samples total	Other samples non-compliant
Bovines	6886	71	13,836	4
Sheep/goats	58	3	5837	-
Pigs	1560	11	181,118	20
Horses	27	-	95	-
Poultry	109	12	653	6
Aquaculture	137	7	11	-
Milk	200	29	165	-
Eggs	5	-	66	-
Rabbits	1	-	43	-
Game (Farmed Game)	1	-	2	-
Insects	12	-	-	-
Honey	17	4	122	-
Total	**9013**	**137**	**201,948**	**30**
Percentage non-compliant samples		1.52		0.01

'-' indicates that zero samples/results were reported;

Apart from the suspect samples, 201,948 samples were collected in the framework of other monitoring programmes developed under the national legislation. An overview on the number of 'other' samples analysed for the different animal species/product categories and the frequency of non-compliant samples is presented in Table 38. Further details on the substances identified and countries which reported non-compliant results are given in Appendix F.

3.5 EU-candidate countries' and Switzerland's results

The data from Switzerland is separately presented in Appendix G.

Starting from the 2023, and on voluntary basis, results from EU-candidate countries following the same process as Member States can be included in this report. For 2024, results from North Macedonia and Montenegro are included in this report from Appendix H to Appendix I.

To be noted that the non-compliances might not be comparable to those from EU Member States as the limits defined in EU-candidate country's regulation might not be the same as the EU legislation.

4 Conclusions

- In 2024, European Union (EU) Member States*[20], Iceland and Norway reported in the framework of the national plans on residue of veterinary medicinal products the results for 493,664 samples, covered by Implementing Regulation (EU) 2022/1644. Of those, 629 samples were reported as non-compliant (0.13%).

- A total of 266,477 were targeted samples collected in conformity with the specifications of the national risk-based control plan for production in the Member States (Plan 1). Of the total samples, 430 (0.16%) were reported as non-compliant. The percentage of non-compliant samples calculated from the total number of samples was 0.11% for unauthorised substances (Group A) while 0.13% of non-compliant samples were found for substances authorised for use in food-producing animals (Group B).

- In the framework of Plan 1, 69,293 samples were analysed for Group A1 substances and 193 samples (0.28%) were non-compliant (238 non-compliant results). No non-compliant results were reported for stilbenes (subgroup A1a) while steroids (subgroup A1c) was the substance subgroup with the highest number of non-compliances (172 non-compliant results). Nandrolone was the substance with highest proportion of non-compliances found in bovines (23 non-compliant results), pigs (21 non-compliant results) and sheep/goats (1 non-compliant result).

- For Group A2, 88,961 samples were reported for Plan 1, and 25 samples (0.03%) were non-compliant (25 non-compliant results). A total of 12 non-compliant results were reported for chloramphenicol in pigs (10 non-compliant results) and poultry (2 non-compliant results). No non-compliant results were reported for subgroup A2d. The substance with the highest number of non-compliances from subgroup A2b was semicarbazide (9 non-compliant results). Within subgroup A2c, 2 non-compliant results were reported for metronidazole and dimetridazole.

- For Group A3, 99,466 samples were analysed for Plan 1 and 26 samples (0.03%) were non-compliant (28 non-compliant results). All the non-compliant results for dyes (subgroup A3a) were reported for aquaculture for "sum of crystal violet and leucocrystal violet" (1 non-compliant result) and "sum of malachite green and leucomalachite green" (14 non-compliant results). No non-compliant results were reported for subgroups A3c, A3d, A3e and A3g. For A3f, 5 non-compliant results were found in ibuprofen, 2 in oxyphenbutazone anhydrate and 2 in phenylbutazone.

- In the context of Plan 1, 135,534 samples were analysed for Group B1 and 178 samples (0.13%) were non-compliant (203 non-compliant results); while for Group B2, 14,723 samples were analysed and 9 samples (0.06%) were non-compliant (10 non-compliant results). These non-compliant samples were identified for salinomycin (4 non-compliant

[20] *In accordance with the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community, and in particular Article 5(4) of the Windsor Framework (see Joint Declaration No 1/2023 of the Union and the United Kingdom in the Joint Committee established by the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community of 24 March 2023, OJ L 102, 17.4.2023, p.87) in conjunction with section 24 of Annex 2 to that Framework, for the purposes of this Regulation, references to Member States include the United Kingdom in respect of Northern Ireland.

results), narasin (2 non-compliant results), toltrazurilsulfon (2 non-compliant results), dinitrocarbanilide and lasaloci (1 non-compliant result each).

- Compared to the results from 2023, in 2024 the frequency of non-compliant results for Plan 1 slightly increased for antithyroid agents (A1b), steroids (A1c) and dyes (A3a). A small decreased was noted for substances of subgroup B1d. For the other substance groups, there were not notable variations.
- A total of 10,165 were samples collected in conformity with the specifications of the national surveillance plan for production in the Member States (Plan 2). Of the total samples, 23 (0.22%) were reported as non-compliant.
- In 2024, 6061 samples were collected in conformity with the specifications of the national risk-based control plan for third-country imports (Plan 3). Of the total samples, 12 (0.2%) were reported as non-compliant.
- A total of 9013 suspect samples were reported in 2024, with 137 (1.52%) non-compliant samples, while 201,948 samples were collected in the framework of other monitoring programmes developed under the national legislation. Of those, 30 samples (0.01%) were non-compliant.

5 Abbreviations

EC	European Commission
EFSA	European Food Safety Authority
MRL	Maximum Residue Limit
RASFF	Rapid Alert System for Food and Feed
RPAs	Reference Points of Actions
TRACES	Trade Control and Expert System

Appendix A – Annex I to Commission Delegated Regulation (EU) 2022/1644

GROUP A – Prohibited or unauthorised pharmacologically active substances in food-producing animals

A1. Substances with hormonal and thyrostatic action and beta agonists the use of which is prohibited under Council Directive 96/22/EC:

A1a. Stilbenes;

A1b. Antithyroid agents;

A1c. Steroids;

A1d. Resorcylic acid lactones, including zeranol;

A1e. Beta-agonists.

A2. Prohibited substances listed in Table 2 of the Annex to Regulation (EU) No 37/2010:

A2a. Chloramphenicol;

A2b. Nitrofurans;

A2c. Dimetridazole, metronidazole, ronidazole and other nitro-imidazoles;

A2d. Other substances.

A3. Pharmacologically active substances, not listed in Table 1 of the Annex to Regulation (EU) No 37/2010 or substances not authorised for use in feed for food-producing animals in the Union according to Regulation (EU) No 1831/2003 of the European Parliament and of the Council:

A3a. Dyes;

A3b. Plant protection products as defined in Regulation (EU) No 1107/2009 of the European Parliament and of the Council and biocides as defined in Regulation (EU) No 528/2012 of the European Parliament and of the Council which may be used in animal husbandry of food-producing animals;

A3c. Antimicrobial substances;

A3d. Coccidiostats, histomonostats and other antiparasitic agents;

A3e. Protein and peptide hormones;

A3f. Anti-inflammatory substances, sedatives and any other pharmacologically active substances;

A3g. Antiviral substances.

Group B – Pharmacologically active substances authorised for use in food-producing animals

B1. Pharmacologically active substances listed in Table 1 of the Annex to Regulation (EU) No 37/2010:

- B1a. Antimicrobial substances;
- B1b. Insecticides, fungicides, anthelmintics and other antiparasitic agents;
- B1c. Sedatives;
- B1d. Non-steroidal anti-inflammatory drugs (NSAIDs), corticosteroids and glucocorticoids;
- B1e. Other pharmacologically active substances.

B2. Coccidiostats and histomonostats authorised according to Union legislation, for which maximum levels and maximum residue limits are set under Union legislation

Appendix B – List of non-compliant results according to Plan 1

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Aquaculture	A3a	Sum of crystal violet and leucocrystal violet	Slovakia	115	1	0.87
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Czechia	67	3	4.48
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Netherlands	6	1	16.67
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Poland	266	7	2.63
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Slovakia	116	3	2.59
Aquaculture	**A3a**	**Sub-total for A3a**	**4**		**15**	
Aquaculture	B1a	Amoxycillin	Italy	28	1	3.57
Aquaculture	B1a	Oxolinic Acid	Denmark	89	1	1.12
Aquaculture	**B1a**	**Sub-total for B1a**	**2**		**2**	
Aquaculture		**Total for Aquaculture**			**17**	
Bovines	A1b	6-Propyl-2-thiouracil	Portugal	52	2	3.85
Bovines	A1b	Thiouracil	Poland	349	7	2.01
Bovines	A1b	Thiouracil	Spain	519	1	0.19
Bovines	**A1b**	**Sub-total for A1b**	**3**		**10**	
Bovines	A1c	17(a)1-Testosteron	Austria	275	3	1.09
Bovines	A1c	Boldenone	Austria	275	1	0.36
Bovines	A1c	Boldenone-Alpha	Austria	275	8	2.91
Bovines	A1c	Boldenone-Alpha	Norway	125	14	11.2
Bovines	A1c	Boldenone-Alpha	Poland	910	4	0.44
Bovines	A1c	Epinandrolone (19-Norepitestosterone)	Norway	112	1	0.89
Bovines	A1c	Epinandrolone (19-Norepitestosterone)	Poland	887	2	0.23
Bovines	A1c	Estradiol-17-Alpha	United Kingdom (Northern Ireland)	697	1	0.14
Bovines	A1c	Estradiol-17-Beta	Lithuania	46	3	6.52
Bovines	A1c	Estradiol-17-Beta	United Kingdom (Northern Ireland)	697	11	1.58
Bovines	A1c	Estrone	Norway	2	2	100
Bovines	A1c	Nandrolone	Austria	275	2	0.73
Bovines	A1c	Nandrolone	France	3151	2	0.06

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Bovines	A1c	Nandrolone	United Kingdom (Northern Ireland)	476	19	3.99
Bovines	A1c	Norethandrolon	Lithuania	64	2	3.12
Bovines	A1c	Nortestosterone decanoate	Czechia	33	1	3.03
Bovines	A1c	Progesterone	Lithuania	19	3	15.79
Bovines	A1c	Testosterone-17-Beta	Greece	12	3	25
Bovines	A1c	Testosterone-17-Beta	Latvia	3	1	33.33
Bovines	A1c	Testosterone-17-Beta	Lithuania	47	3	6.38
Bovines	A1c	Testosterone-17-Beta	United Kingdom (Northern Ireland)	697	8	1.15
Bovines	**A1c**	**Sub-total for A1c**	**9**		**94**	
Bovines	A1d	Beta Zearalanol (Taleranol)	Germany	472	2	0.42
Bovines	A1d	Zearalanone	Lithuania	56	6	10.71
Bovines	A1d	Zearalenol alpha	Germany	232	1	0.43
Bovines	A1d	Zearalenol beta	Cyprus	4	1	25
Bovines	A1d	Zearalenol beta	Germany	232	1	0.43
Bovines	A1d	Zearalenol beta	Latvia	14	5	35.71
Bovines	A1d	Zearalenol beta	Lithuania	40	6	15
Bovines	A1d	Zearalenol beta	Poland	56	1	1.79
Bovines	A1d	Zearalenol beta	Spain	464	2	0.43
Bovines	A1d	Zearalenone	Cyprus	7	1	14.29
Bovines	A1d	Zearalenone	Germany	241	1	0.41
Bovines	A1d	Zearalenone	Latvia	14	2	14.29
Bovines	A1d	Zearalenone	Poland	273	1	0.37
Bovines	A1d	Zearalenone	Spain	597	1	0.17
Bovines	**A1d**	**Sub-total for A1d**	**6**		**31**	
Bovines	A2b	Nitrofurazone	Poland	171	1	0.58
Bovines	A2b	SEM (semicarbazide)	Poland	300	2	0.67
Bovines	**A2b**	**Sub-total for A2b**	**1**		**3**	
Bovines	A3f	Ibuprofen	Norway	108	1	0.93
Bovines	A3f	Oxyphenbutazone Anhydrate	Italy	143	1	0.7
Bovines	A3f	Phenylbutazone	Italy	145	1	0.69
Bovines	**A3f**	**Sub-total for A3f**	**2**		**3**	
Bovines	B1a	Benzylpenicillin (Penicillin G)	Netherlands	752	1	0.13

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Bovines	B1a	Dihydrostreptomycin	Austria	928	1	0.11
Bovines	B1a	Dihydrostreptomycin	France	2076	2	0.1
Bovines	B1a	Dihydrostreptomycin	Lithuania	101	2	1.98
Bovines	B1a	Dihydrostreptomycin	Poland	1825	3	0.16
Bovines	B1a	Gentamicin	Netherlands	752	1	0.13
Bovines	B1a	Marbofloxacin	Ireland	841	1	0.12
Bovines	B1a	Sulfadiazine	Spain	957	1	0.1
Bovines	B1a	Sulfadimidine	France	2077	1	0.05
Bovines	B1a	Sulfamethoxypyridazine	France	2077	1	0.05
Bovines	B1a	Sulfonamides	Poland	808	1	0.12
Bovines	B1a	Sum of enrofloxacin and ciprofloxacin	Poland	1825	1	0.05
Bovines	B1a	Sum of enrofloxacin and ciprofloxacin	Romania	8	2	25
Bovines	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	Belgium	447	1	0.22
Bovines	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	Ireland	842	2	0.24
Bovines	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	Spain	389	1	0.26
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	France	2032	5	0.25
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	Romania	8	2	25
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	Spain	1157	1	0.09
Bovines	B1a	Sum of tetracycline and its 4-epimer	Ireland	1438	1	0.07
Bovines	B1a	Sum of tetracycline and its 4-epimer	Spain	1158	1	0.09
Bovines	B1a	Tilmicosin	France	2074	2	0.1
Bovines	B1a	Trimethoprim	France	2078	1	0.05
Bovines	B1a	Tulathromycin	France	2077	7	0.34
Bovines	B1a	Tulathromycin	Ireland	843	2	0.24
Bovines	B1a	Tulathromycin	Italy	431	1	0.23
Bovines	B1a	Tylon (Tylosin, Tylosin A)	France	2077	1	0.05
Bovines	**B1a**	**Sub-total for B1a**	**10**		**46**	
Bovines	B1b	Benzalkonium chloride (mixture of alkylbenzyldimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18)	Netherlands	272	1	0.37
Bovines	B1b	Ivermectin	Ireland	592	1	0.17
Bovines	B1b	Ivermectin	Netherlands	87	1	1.15

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Bovines	B1b	Sum of flubendazole and (2-amino 1H-benzimidazol-5-yl) (4fluorophenyl) methanone	Ireland	592	1	0.17
Bovines	**B1b**	**Sub-total for B1b**	**2**		**4**	
Bovines	B1c	Xylazine	Croatia	19	1	5.26
Bovines	**B1c**	**Sub-total for B1c**	**1**		**1**	
Bovines	B1d	Acetaminophen (Paracetamol)	Germany	7	4	57.14
Bovines	B1d	Acetaminophen (Paracetamol)	Norway	108	2	1.85
Bovines	B1d	Dexamethasone	France	440	2	0.45
Bovines	B1d	Dexamethasone	Germany	625	5	0.8
Bovines	B1d	Dexamethasone	Italy	938	1	0.11
Bovines	B1d	Dexamethasone	Spain	419	4	0.95
Bovines	B1d	Diclofen (Diclofenac)	Austria	100	1	1
Bovines	B1d	Diclofen (Diclofenac)	France	695	3	0.43
Bovines	B1d	Flunixin	France	693	1	0.14
Bovines	B1d	Flunixin	Germany	2866	2	0.07
Bovines	B1d	Flunixin	Spain	84	1	1.19
Bovines	B1d	Flunixin-Meglumine	Germany	243	1	0.41
Bovines	B1d	Ketoprofen	Germany	2628	4	0.15
Bovines	B1d	Meloxicam	Belgium	244	1	0.41
Bovines	B1d	Meloxicam	Germany	3018	4	0.13
Bovines	B1d	Meloxicam	Netherlands	428	1	0.23
Bovines	B1d	Meloxicam	Spain	58	1	1.72
Bovines	B1d	Prednisolone	Lithuania	12	2	16.67
Bovines	B1d	Tolfenamic acid	France	694	1	0.14
Bovines	**B1d**	**Sub-total for B1d**	**9**		**41**	
Bovines	B2	Toltrazurilsulfon	Italy	315	1	0.32
Bovines	**B2**	**Sub-total for B2**	**1**		**1**	
Bovines		**Total for Bovines**			**234**	
Casings	A2b	SEM (semicarbazide)	France	3	1	33.33
Casings	A2b	SEM (semicarbazide)	Spain	20	2	10
Casings	**A2b**	**Sub-total for A2b**	**2**		**3**	
Casings		**Total for Casings**			**3**	
Eggs	A2b	2-Hydroxy-3,5-dinitrobenzohydrazid	Italy	63	1	1.59
Eggs	**A2b**	**Sub-total for A2b**	**1**		**1**	
Eggs	B1a	Doxycycline	Portugal	22	1	4.55

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Eggs	**B1a**	**Sub-total for B1a**	**1**		**1**	
Eggs	B2	Dinitrocarbanilide	Poland	182	1	0.55
Eggs	B2	Lasalocid	France	379	1	0.26
Eggs	B2	Narasin	France	379	1	0.26
Eggs	B2	Salinomycin	Poland	182	1	0.55
Eggs	**B2**	**Sub-total for B2**	**2**		**4**	
Eggs		**Total for Eggs**			**6**	
Honey	A2b	SEM (semicarbazide)	Poland	55	1	1.82
Honey	**A2b**	**Sub-total for A2b**	**1**		**1**	
Honey	A2c	Metronidazole	Poland	40	1	2.5
Honey	**A2c**	**Sub-total for A2c**	**1**		**1**	
Honey	A3b	Glyphosate	Latvia	20	1	5
Honey	A3b	Glyphosate	Slovakia	30	1	3.33
Honey	**A3b**	**Sub-total for A3b**	**2**		**2**	
Honey	B1a	Doxycycline	Cyprus	15	1	6.67
Honey	B1a	Sulfacetamide	Poland	244	3	1.23
Honey	B1a	Sulfamethazin (sulfadimidin)	Poland	244	6	2.46
Honey	B1a	Sulfamonomethoxine	Greece	69	1	1.45
Honey	B1a	Sulfathiazole	Poland	244	6	2.46
Honey	B1a	Sum of oxytetracycline and its 4-epimer	Cyprus	15	1	6.67
Honey	**B1a**	**Sub-total for B1a**	**3**		**18**	
Honey		**Total for Honey**			**22**	
Horses	A3f	Oxyphenbutazone Anhydrate	Germany	12	1	8.33
Horses	A3f	Phenylbutazone	Germany	12	1	8.33
Horses	**A3f**	**Sub-total for A3f**	**1**		**2**	
Horses	B1a	Dihydrostreptomycin	France	5	1	20
Horses	**B1a**	**Sub-total for B1a**	**1**		**1**	
Horses		**Total for Horses**			**3**	
Milk	A2b	SEM (semicarbazide)	Poland	90	2	2.22
Milk	**A2b**	**Sub-total for A2b**	**1**		**2**	
Milk	B1a	Amoxycillin	Ireland	363	1	0.28
Milk	B1a	Amoxycillin	Malta	29	1	3.45
Milk	B1a	Amoxycillin	United Kingdom (Northern Ireland)	250	1	0.4

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Milk	B1a	Benzylpenicillin (Penicillin G)	Denmark	278	1	0.36
Milk	B1a	Cefquinom	Poland	361	1	0.28
Milk	B1a	Gentamicin	Poland	1287	1	0.08
Milk	B1a	Lincomycin	Malta	29	1	3.45
Milk	B1a	Marbofloxacin	Ireland	363	1	0.28
Milk	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	Germany	543	1	0.18
Milk	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	United Kingdom (Northern Ireland)	250	2	0.8
Milk	B1a	Sum of spiramycin and neospiramycin	Spain	238	1	0.42
Milk	B1a	Sum of tetracycline and its 4-epimer	Poland	1879	1	0.05
Milk	B1a	Tulathromycin	Denmark	278	1	0.36
Milk	**B1a**	**Sub-total for B1a**	**7**		**14**	
Milk	B1b	Ivermectin	Ireland	440	1	0.23
Milk	B1b	Levamisole	Ireland	440	2	0.45
Milk	**B1b**	**Sub-total for B1b**	**1**		**3**	
Milk	B1d	Diclofen (Diclofenac)	Austria	90	2	2.22
Milk	B1d	Diclofen (Diclofenac)	Croatia	38	2	5.26
Milk	B1d	Diclofen (Diclofenac)	Germany	1245	1	0.08
Milk	B1d	Diclofen (Diclofenac)	Malta	72	2	2.78
Milk	B1d	Salicylic acid	Belgium	59	3	5.08
Milk	B1d	Salicylic acid	Denmark	187	2	1.07
Milk	**B1d**	**Sub-total for B1d**	**6**		**12**	
Milk		**Total for Milk**			**31**	
Pigs	A1b	Thiouracil	Poland	228	1	0.44
Pigs	A1b	Thiouracil	Slovakia	10	1	10
Pigs	**A1b**	**Sub-total for A1b**	**2**		**2**	
Pigs	A1c	Boldenone	Austria	136	3	2.21
Pigs	A1c	Boldenone	Poland	696	1	0.14
Pigs	A1c	Boldenone-Alpha	Austria	136	8	5.88
Pigs	A1c	Estradiol-17-Beta	Lithuania	15	1	6.67
Pigs	A1c	Nandrolone	Austria	136	1	0.74
Pigs	A1c	Nandrolone	France	197	14	7.11
Pigs	A1c	Nandrolone	Poland	828	6	0.72

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Pigs	A1c	Progesterone	Lithuania	8	2	25
Pigs	A1c	Progesterone-17-Alpha-Hydroxy	Lithuania	2	2	100
Pigs	**A1c**	**Sub-total for A1c**	**4**		**38**	
Pigs	A1d	Zearalanone	Lithuania	20	1	5
Pigs	A1d	Zearalenol alpha	Cyprus	4	3	75
Pigs	A1d	Zearalenol alpha	Finland	29	1	3.45
Pigs	A1d	Zearalenol alpha	Lithuania	13	1	7.69
Pigs	A1d	Zearalenol alpha	Romania	113	1	0.88
Pigs	A1d	Zearalenol alpha	Spain	41	1	2.44
Pigs	A1d	Zearalenol beta	Cyprus	4	1	25
Pigs	A1d	Zearalenone	Cyprus	8	4	50
Pigs	A1d	Zearalenone	Finland	29	1	3.45
Pigs	A1d	Zearalenone	Latvia	6	1	16.67
Pigs	A1d	Zearalenone	Romania	113	1	0.88
Pigs	A1d	Zearalenone	Spain	135	1	0.74
Pigs	**A1d**	**Sub-total for A1d**	**6**		**17**	
Pigs	A2a	Chloramphenicol	Austria	1454	8	0.55
Pigs	A2a	Chloramphenicol	Bulgaria	53	1	1.89
Pigs	A2a	Chloramphenicol	Italy	466	1	0.21
Pigs	**A2a**	**Sub-total for A2a**	**3**		**10**	
Pigs	A3f	Ibuprofen	Austria	58	2	3.45
Pigs	A3f	Ibuprofen	Croatia	22	1	4.55
Pigs	A3f	Ibuprofen	Czechia	40	1	2.5
Pigs	**A3f**	**Sub-total for A3f**	**3**		**4**	
Pigs	B1a	Dihydrostreptomycin	Czechia	644	1	0.16
Pigs	B1a	Dihydrostreptomycin	Poland	3618	1	0.03
Pigs	B1a	Doxycycline	Croatia	81	1	1.23
Pigs	B1a	Doxycycline	Spain	6375	6	0.09
Pigs	B1a	Marbofloxacin	Spain	6221	1	0.02
Pigs	B1a	Sulfadimethoxine	France	1989	2	0.1
Pigs	B1a	Sulfadimethoxine	Italy	730	1	0.14
Pigs	B1a	Sulfonamides	Denmark	2073	1	0.05
Pigs	B1a	Sulfonamides	Italy	441	1	0.23
Pigs	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	France	1975	1	0.05

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Pigs	B1a	Sum of oxytetracycline and its 4-epimer	Austria	1104	1	0.09
Pigs	B1a	Sum of oxytetracycline and its 4-epimer	France	1975	1	0.05
Pigs	B1a	Sum of oxytetracycline and its 4-epimer	Netherlands	1177	2	0.17
Pigs	B1a	Tilmicosin	Greece	74	1	1.35
Pigs	**B1a**	**Sub-total for B1a**	**10**		**21**	
Pigs	B1b	Levamisole	Croatia	23	2	8.7
Pigs	B1b	Phoxim	Belgium	90	1	1.11
Pigs	B1b	Sum of flubendazole and (2-amino 1H-benzimidazol-5-yl) (4fluorophenyl) methanone	Germany	1901	1	0.05
Pigs	**B1b**	**Sub-total for B1b**	**3**		**4**	
Pigs	B1c	Xylazine	Austria	327	1	0.31
Pigs	**B1c**	**Sub-total for B1c**	**1**		**1**	
Pigs	B1d	Diclofen (Diclofenac)	Germany	1369	4	0.29
Pigs	B1d	Diclofen (Diclofenac)	Italy	78	2	2.56
Pigs	B1d	Diclofen (Diclofenac)	Luxembourg	3	1	33.33
Pigs	B1d	Meloxicam	Netherlands	637	1	0.16
Pigs	**B1d**	**Sub-total for B1d**	**4**		**8**	
Pigs	B2	Salinomycin	Austria	40	1	2.5
Pigs	B2	Toltrazurilsulfon	Spain	747	1	0.13
Pigs	**B2**	**Sub-total for B2**	**2**		**2**	
Pigs		**Total for Pigs**			**107**	
Poultry	A1c	Boldenone	France	308	1	0.32
Poultry	A1c	Estradiol-17-Beta	Austria	45	1	2.22
Poultry	**A1c**	**Sub-total for A1c**	**2**		**2**	
Poultry	A2a	Chloramphenicol	Czechia	106	1	0.94
Poultry	A2a	Chloramphenicol	Romania	187	1	0.53
Poultry	**A2a**	**Sub-total for A2a**	**2**		**2**	
Poultry	A3b	Nicotine	Germany	142	2	1.41
Poultry	**A3b**	**Sub-total for A3b**	**1**		**2**	
Poultry	B1a	Doxycycline	France	1822	1	0.05
Poultry	B1a	Doxycycline	Poland	4189	4	0.1
Poultry	B1a	Sulfadimethoxine	France	1827	2	0.11
Poultry	B1a	Sum of enrofloxacin and ciprofloxacin	Greece	164	1	0.61

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Poultry	B1a	Tulathromycin	France	1827	1	0.05
Poultry	**B1a**	**Sub-total for B1a**	**3**		**9**	
Poultry	B1d	Diclofen (Diclofenac)	Austria	34	1	2.94
Poultry	B1d	Ketoprofen	Austria	34	1	2.94
Poultry	**B1d**	**Sub-total for B1d**	**1**		**2**	
Poultry	B2	Narasin	Slovakia	47	1	2.13
Poultry	B2	Salinomycin	Slovakia	47	1	2.13
Poultry	**B2**	**Sub-total for B2**	**1**		**2**	
Poultry		**Total for Poultry**			**19**	
Rabbits	A1c	Testosterone-17-Beta	Cyprus	1	1	100
Rabbits	**A1c**	**Sub-total for A1c**	**1**		**1**	
Rabbits	A1d	Zearalenol alpha	Cyprus	1	1	100
Rabbits	A1d	Zearalenol beta	Cyprus	1	1	100
Rabbits	A1d	Zearalenone	Cyprus	1	1	100
Rabbits	**A1d**	**Sub-total for A1d**	**1**		**3**	
Rabbits	A2c	Dimetridazole	Portugal	3	1	33.33
Rabbits	**A2c**	**Sub-total for A2c**	**1**		**1**	
Rabbits	B2	Salinomycin	Slovakia	6	1	16.67
Rabbits	**B2**	**Sub-total for B2**	**1**		**1**	
Rabbits		**Total for Rabbits**			**6**	
Sheep/goats	A1c	Boldenone	Austria	29	1	3.45
Sheep/goats	A1c	Boldenone	Cyprus	4	1	25
Sheep/goats	A1c	Boldenone-Alpha	Austria	29	3	10.34
Sheep/goats	A1c	Boldenone-Alpha	Cyprus	4	1	25
Sheep/goats	A1c	Boldenone-Alpha	Norway	11	4	36.36
Sheep/goats	A1c	Epinandrolone (19-Norepitestosterone)	Austria	29	5	17.24
Sheep/goats	A1c	Epinandrolone (19-Norepitestosterone)	Cyprus	4	1	25
Sheep/goats	A1c	Epinandrolone (19-Norepitestosterone)	France	84	20	23.81
Sheep/goats	A1c	Nandrolone	France	88	1	1.14
Sheep/goats	**A1c**	**Sub-total for A1c**	**4**		**37**	
Sheep/goats	A1d	Beta Zearalanol (Taleranol)	France	83	1	1.2
Sheep/goats	A1d	Zearalenol beta	Cyprus	2	2	100
Sheep/goats	**A1d**	**Sub-total for A1d**	**2**		**3**	

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Sheep/goats	A2b	SEM (semicarbazide)	Spain	27	1	3.7
Sheep/goats	**A2b**	**Sub-total for A2b**	**1**		**1**	
Sheep/goats	B1a	Amoxycillin	Malta	26	1	3.85
Sheep/goats	B1a	Dihydrostreptomycin	Greece	170	2	1.18
Sheep/goats	B1a	Dihydrostreptomycin	Malta	1	1	100
Sheep/goats	B1a	Dihydrostreptomycin	Netherlands	67	1	1.49
Sheep/goats	B1a	Streptomycin	Greece	170	2	1.18
Sheep/goats	**B1a**	**Sub-total for B1a**	**3**		**7**	
Sheep/goats	B1b	Closantel	Ireland	523	2	0.38
Sheep/goats	B1b	Rafoxanide	United Kingdom (Northern Ireland)	56	1	1.79
Sheep/goats	B1b	Sum of extractable residues which may be oxidised to oxfendazole sulphone	Ireland	526	1	0.19
Sheep/goats	**B1b**	**Sub-total for B1b**	**2**		**4**	
Sheep/goats	B1d	Antipyrin-4-Methylamino	Austria	21	1	4.76
Sheep/goats	B1d	Dexamethasone	France	42	1	2.38
Sheep/goats	B1d	Prednisolone	France	42	1	2.38
Sheep/goats	B1d	Salicylic acid	Norway	25	1	4
Sheep/goats	**B1d**	**Sub-total for B1d**	**3**		**4**	
Sheep/goats		**Total for Sheep/goats**			**56**	

Appendix C – List of non-compliant results according to Plan 2

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Bovines	A1b	Thiouracil	Spain	39	2	5.13
Bovines	**A1b**	**Sub-total for A1b**	**1**		**2**	
Bovines	A1d	Alpha-Zearalanol (Zeranol)	France	114	1	0.88
Bovines	A1d	Beta Zearalanol (Taleranol)	France	114	1	0.88
Bovines	**A1d**	**Sub-total for A1d**	**1**		**2**	
Bovines	A3f	Phenylbutazone	Croatia	8	1	12.5
Bovines	**A3f**	**Sub-total for A3f**	**1**		**1**	
Bovines	B1a	Tildipirosin	Netherlands	38	1	2.63
Bovines	**B1a**	**Sub-total for B1a**	**1**		**1**	
Bovines	B1d	Dexamethasone	Poland	40	1	2.5
Bovines	B1d	Meloxicam	France	45	1	2.22
Bovines	**B1d**	**Sub-total for B1d**	**2**		**2**	
Bovines		**Total for Bovines**			**8**	
Horses	B1d	Flunixin	Italy	6	1	16.67
Horses	**B1d**	**Sub-total for B1d**	**1**		**1**	
Horses		**Total for Horses**			**1**	
Milk	A2a	Chloramphenicol	Latvia	2	1	50
Milk	**A2a**	**Sub-total for A2a**	**1**		**1**	
Milk	B1b	Ivermectin	Portugal	60	1	1.67
Milk	**B1b**	**Sub-total for B1b**	**1**		**1**	
Milk	B1d	Diclofen (Diclofenac)	Germany	677	4	0.59
Milk	B1d	Meloxicam	Poland	21	1	4.76
Milk	**B1d**	**Sub-total for B1d**	**2**		**5**	
Milk		**Total for Milk**			**7**	
Pigs	A1c	Nandrolone	France	25	1	4
Pigs	A1c	Sub-total for A1c	1		1	
Pigs	B1d	Diclofen (Diclofenac)	Germany	97	1	1.03
Pigs	**B1d**	**Sub-total for B1d**	**1**		**1**	
Pigs		**Total for Pigs**			**2**	
Poultry	B1a	Doxycycline	France	152	1	0.66
Poultry	**B1a**	**Sub-total for B1a**	**1**		**1**	
Poultry	B2	Diclazuril	Croatia	24	1	4.17
Poultry	B2	Salinomycin sodium	Croatia	27	2	7.41

Category	Group	Substance	Reporting country	Results analysed	Non-compliant results	% Non-compliant results
Poultry	**B2**	**Sub-total for B2**	**1**		**3**	
Poultry		**Total for Poultry**			**4**	
Rabbits	B2	Diclazuril	Croatia	1	1	100
Rabbits	**B2**	**Sub-total for B2**	**1**		**1**	
Rabbits		**Total for Rabbits**			**1**	

Appendix D – List of non-compliant results according to Plan 3

Category	Group	Substance	Country of origin	Reporting Country	Results analysed	Non-compliant results	% Non-compliant results
Aquaculture	A2c	Metronidazole	Vietnam	Norway	12	1	8.33
Aquaculture	A2c	Ternidazole	Vietnam	Belgium	9	1	11.11
Aquaculture	**A2c**	**Sub-total for A2c**		**2**		**2**	
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Vietnam	Denmark	38	1	2.63
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Japan	Netherlands	4	1	25
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Philippines	Norway	2	1	50
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Vietnam	Slovenia	4	1	25
Aquaculture	**A3a**	**Sub-total for A3a**		**4**		**4**	
Aquaculture	A3c	Ofloxacin	Vietnam	Denmark	38	1	2.63
Aquaculture	**A3c**	**Sub-total for A3c**		**1**		**1**	
Aquaculture	B1a	Sum of oxytetracycline and its 4-epimer	Vietnam	Slovenia	1	1	100
Aquaculture	B1a	Sub-total for B1a		1		1	
Aquaculture	B1b	Ivermectin	Vietnam	Netherlands	28	1	3.57
Aquaculture	**B1b**	**Sub-total for B1b**		**1**		**1**	
Aquaculture		**Total for Aquaculture**				**9**	
Eggs	B1a	Sum of enrofloxacin and ciprofloxacin	China	Netherlands	7	1	14.29
Eggs	**B1a**	**Sub-total for B1a**		**1**		**1**	
Eggs		**Total for Eggs**				**1**	
Poultry	B2	Maduramicin	India	Denmark	1	1	100
Poultry	B2	Toltrazurilsulfon	Ukraine	Poland	12	1	8.33
Poultry	**B2**	**Sub-total for B2**		**2**		**2**	
Poultry		**Total for Poultry**				**2**	

Appendix E – List of non-compliant results for suspect sampling

Category	Group	Substance	Reporting Country	Results analysed	Non-compliant results	% Non-compliant results
Aquaculture	A3a	Sum of malachite green and leucomalachite green	Poland	30	7	23.33
Aquaculture	**A3a**	**Sub-total for A3a**	**1**		**7**	
Aquaculture		**Total for Aquaculture**			**7**	
Bovines	A1c	17(a)1-Testosteron	Austria	25	2	8
Bovines	A1c	Boldenone-Alpha	Austria	25	3	12
Bovines	A1c	Testosterone-17-Beta	Cyprus	1	1	100
Bovines	**A1c**	**Sub-total for A1c**	**2**		**6**	
Bovines	A2b	Nitrofurazone	Poland	4	2	50
Bovines	**A2b**	**Sub-total for A2b**	**1**		**2**	
Bovines	A3b	Fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil)	Italy	96	19	19.79
Bovines	**A3b**	**Sub-total for A3b**	**1**		**19**	
Bovines	B1a	Amoxycillin	Germany	107	1	0.93
Bovines	B1a	Amoxycillin	United Kingdom (Northern Ireland)	914	1	0.11
Bovines	B1a	Benzylpenicillin (Penicillin G)	Finland	4	4	100
Bovines	B1a	Benzylpenicillin (Penicillin G)	Germany	7285	2	0.03
Bovines	B1a	Benzylpenicillin (Penicillin G)	Italy	63	1	1.59
Bovines	B1a	Benzylpenicillin (Penicillin G)	Spain	290	1	0.34
Bovines	B1a	Dihydrostreptomycin	Austria	823	1	0.12
Bovines	B1a	Dihydrostreptomycin	United Kingdom (Northern Ireland)	911	1	0.11
Bovines	B1a	Gamithromycin	United Kingdom (Northern Ireland)	911	1	0.11
Bovines	B1a	Gentamicin	Germany	69	1	1.45
Bovines	B1a	Marbofloxacin	Austria	825	1	0.12
Bovines	B1a	Marbofloxacin	Germany	7286	6	0.08
Bovines	B1a	Marbofloxacin	Ireland	483	2	0.41
Bovines	B1a	Marbofloxacin	Spain	288	1	0.35
Bovines	B1a	Marbofloxacin	United Kingdom (Northern Ireland)	913	1	0.11

Category	Group	Substance	Reporting Country	Results analysed	Non-compliant results	% Non-compliant results
Bovines	B1a	Neomycin	Spain	288	1	0.35
Bovines	B1a	Sulfadimethoxine	Italy	55	2	3.64
Bovines	B1a	Sulfamerazine	Ireland	482	1	0.21
Bovines	B1a	Sum of enrofloxacin and ciprofloxacin	Germany	7286	3	0.04
Bovines	B1a	Sum of enrofloxacin and ciprofloxacin	Italy	54	1	1.85
Bovines	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	United Kingdom (Northern Ireland)	915	2	0.22
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	Austria	826	2	0.24
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	Ireland	482	1	0.21
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	Italy	53	1	1.89
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	Malta	1	1	100
Bovines	B1a	Sum of oxytetracycline and its 4-epimer	United Kingdom (Northern Ireland)	918	3	0.33
Bovines	B1a	Sum of tetracycline and its 4-epimer	Germany	7286	4	0.05
Bovines	B1a	Tulathromycin	Germany	7285	3	0.04
Bovines	B1a	Tulathromycin	Ireland	482	1	0.21
Bovines	B1a	Tulathromycin	United Kingdom (Northern Ireland)	910	3	0.33
Bovines	**B1a**	**Sub-total for B1a**	**8**		**54**	
Bovines	B1d	Dexamethasone	Germany	52	3	5.77
Bovines	B1d	Dexamethasone	Italy	211	1	0.47
Bovines	B1d	Flunixin	Germany	91	2	2.2
Bovines	B1d	Ketoprofen	Germany	90	5	5.56
Bovines	B1d	Meloxicam	Germany	90	6	6.67
Bovines	**B1d**	**Sub-total for B1d**	**2**		**17**	
Bovines		**Total for Bovines**			**98**	
Honey	B1a	Sulfacetamide	Poland	6	1	16.67
Honey	B1a	Sulfamethazin (sulfadimidin)	Poland	5	2	40
Honey	B1a	Sulfathiazole	Poland	6	2	33.33
Honey	B1a	Sum of oxytetracycline and its 4-epimer	Cyprus	3	1	33.33
Honey	**B1a**	**Sub-total for B1a**	**2**		**6**	
Honey		**Total for Honey**			**6**	
Milk	A2b	SEM (semicarbazide)	Poland	44	23	52.27
Milk	**A2b**	**Sub-total for A2b**	**1**		**23**	

Category	Group	Substance	Reporting Country	Results analysed	Non-compliant results	% Non-compliant results
Milk	B1a	Benzylpenicillin (Penicillin G)	Austria	21	1	4.76
Milk	B1a	Cloxacillin	Austria	21	1	4.76
Milk	B1a	Sum of florfenicol and its metabolites measured as florfenicol-amine	United Kingdom (Northern Ireland)	3	1	33.33
Milk	B1a	Sum of spiramycin and neospiramycin	Spain	4	1	25
Milk	B1a	Tilmicosin	Italy	50	1	2
Milk	**B1a**	**Sub-total for B1a**	**4**		**5**	
Milk	B1d	Diclofen (Diclofenac)	Germany	4	1	25
Milk	**B1d**	**Sub-total for B1d**	**1**		**1**	
Milk		**Total for Milk**			**29**	
Pigs	A1c	Boldenone-Alpha	Austria	29	2	6.9
Pigs	**A1c**	**Sub-total for A1c**	**1**		**2**	
Pigs	B1a	Amoxycillin	Denmark	132	1	0.76
Pigs	B1a	Amoxycillin	Germany	16	2	12.5
Pigs	B1a	Amoxycillin	Italy	15	1	6.67
Pigs	B1a	Benzylpenicillin (Penicillin G)	Finland	1	1	100
Pigs	B1a	Doxycycline	Denmark	132	3	2.27
Pigs	B1a	Sum of oxytetracycline and its 4-epimer	Germany	2334	1	0.04
Pigs	B1a	Tylon (Tylosin, Tylosin A)	Denmark	133	3	2.26
Pigs	**B1a**	**Sub-total for B1a**	**4**		**12**	
Pigs	B1d	Dexamethasone	Germany	10	1	10
Pigs	**B1d**	**Sub-total for B1d**	**1**		**1**	
Pigs		**Total for Pigs**			**15**	
Poultry	A1c	Estradiol-17-Beta	Austria	2	1	50
Poultry	**A1c**	**Sub-total for A1c**	**1**		**1**	
Poultry	B1a	Benzylpenicillin (Penicillin G)	Denmark	55	1	1.82
Poultry	B1a	Doxycycline	Denmark	54	5	9.26
Poultry	B1a	Neomycin	Denmark	54	5	9.26
Poultry	B1a	Tiamulin	Denmark	54	1	1.85
Poultry	B1a	Tylon (Tylosin, Tylosin A)	Denmark	55	6	10.91
Poultry	**B1a**	**Sub-total for B1a**	**1**		**18**	
Poultry		**Total for Poultry**			**19**	
Sheep/goats	B1a	Sum of tetracycline and its 4-epimer	Greece	2	1	50
Sheep/goats	**B1a**	**Sub-total for B1a**	**1**		**1**	

Category	Group	Substance	Reporting Country	Results analysed	Non-compliant results	% Non-compliant results
Sheep/goats	B1b	Closantel	United Kingdom (Northern Ireland)	30	2	6.67
Sheep/goats	**B1b**	**Sub-total for B1b**	**1**		**2**	
Sheep/goats		**Total for Sheep/goats**			**3**	

Appendix F – List of non-compliant results from sampling for other purpose

Category	Group	Substance	Reporting Country	Results analysed	Non-compliant results	% Non-compliant results
Bovines	B1a	Benzylpenicillin (Penicillin G)	Germany	19,004	2	0.01
Bovines	B1a	Sum of enrofloxacin and ciprofloxacin	Germany	19,004	1	0.01
Bovines	B1a	Sum of tetracycline and its 4-epimer	Germany	19,005	1	0.01
Bovines	**B1a**	**Sub-total for B1a**	**1**		**4**	
Bovines	B1d	Meloxicam	Germany	23	2	8.7
Bovines	**B1d**	**Sub-total for B1d**	**1**		**2**	
Bovines		**Total for Bovines**			**6**	
Pigs	B1a	Amoxycillin	Germany	298	4	1.34
Pigs	B1a	Benzylpenicillin (Penicillin G)	Germany	246,406	3	0
Pigs	B1a	Doxycycline	Germany	246,390	9	0
Pigs	B1a	Sum of enrofloxacin and ciprofloxacin	Germany	246,387	4	0
Pigs	B1a	Sum of oxytetracycline and its 4-epimer	Germany	246,409	5	0
Pigs	B1a	Tulathromycin	Germany	246,401	3	0
Pigs	**B1a**	**Sub-total for B1a**	**1**		**28**	
Pigs		**Total for Pigs**			**28**	
Poultry	B2	Diclazuril	France	34	1	2.94
Poultry	B2	Monensin sodium	France	33	1	3.03
Poultry	B2	Nicarbazin	France	34	1	2.94
Poultry	B2	Salinomycin	France	1	1	100
Poultry	B2	Salinomycin sodium	France	33	3	9.09
Poultry	**B2**	**Sub-total for B2**	**1**		**7**	
Poultry		**Total for Poultry**			**7**	

Appendix G – List of results for Switzerland

G.1. Overall results for Plan 1 by product category and substance group

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Aquaculture**	**A**	**27**	**71**	**-**	**-**
Plan 1	Aquaculture	A2a	2	2	-	-
Plan 1	Aquaculture	A2b	2	16	-	-
Plan 1	Aquaculture	A3a	14	42	-	-
Plan 1	Aquaculture	A3f	11	11	-	-
Plan 1	**Aquaculture**	**B**	**6**	**6**	**-**	**-**
Plan 1	Aquaculture	B1d	6	6	-	-
Plan 1	**Aquaculture**	**Total**	**27**	**77**	**-**	**-**
Plan 1	**Bovines**	**A**	**1274**	**17,854**	**-**	**-**
Plan 1	Bovines	A1a	213	639	-	-
Plan 1	Bovines	A1b	109	819	-	-
Plan 1	Bovines	A1c	204	2607	-	-
Plan 1	Bovines	A1d	202	1212	-	-
Plan 1	Bovines	A1e	104	1394	-	-
Plan 1	Bovines	A2a	162	162	-	-
Plan 1	Bovines	A2b	146	944	-	-
Plan 1	Bovines	A2c	243	1701	-	-
Plan 1	Bovines	A2d	318	561	-	-
Plan 1	Bovines	A3c	80	209	-	-
Plan 1	Bovines	A3d	318	1605	-	-
Plan 1	Bovines	A3f	620	6001	-	-
Plan 1	**Bovines**	**B**	**1151**	**20,115**	**2**	**0.01**
Plan 1	Bovines	B1a	370	6293	-	-
Plan 1	Bovines	B1b	245	3404	-	-
Plan 1	Bovines	B1c	318	954	-	-
Plan 1	Bovines	B1d	957	6561	2	0.03
Plan 1	Bovines	B1e	251	494	-	-
Plan 1	Bovines	B2	318	2409	-	-
Plan 1	**Bovines**	**Total**	**1705**	**37,969**	**2**	**0.01**
Plan 1	**Casings**	**A**	**2**	**18**	**-**	**-**
Plan 1	Casings	A2a	2	2	-	-
Plan 1	Casings	A2b	2	16	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Casings**	**Total**	**2**	**18**	**-**	**-**
Plan 1	**Eggs**	**A**	**30**	**162**	**-**	**-**
Plan 1	Eggs	A2a	5	5	-	-
Plan 1	Eggs	A2b	9	56	-	-
Plan 1	Eggs	A3d	21	101	-	-
Plan 1	**Eggs**	**B**	**23**	**436**	**-**	**-**
Plan 1	Eggs	B1b	18	243	-	-
Plan 1	Eggs	B1e	16	32	-	-
Plan 1	Eggs	B2	21	161	-	-
Plan 1	**Eggs**	**Total**	**32**	**598**	**-**	**-**
Plan 1	**Game (Farmed Game)**	**A**	**5**	**27**	**-**	**-**
Plan 1	Game (Farmed Game)	A2a	2	2	-	-
Plan 1	Game (Farmed Game)	A2b	4	24	-	-
Plan 1	Game (Farmed Game)	A3f	1	1	-	-
Plan 1	**Game (Farmed Game)**	**B**	**8**	**10**	**-**	**-**
Plan 1	Game (Farmed Game)	B1c	1	3	-	-
Plan 1	Game (Farmed Game)	B1d	7	7	-	-
Plan 1	**Game (Farmed Game)**	**Total**	**12**	**37**	**-**	**-**
Plan 1	**Honey**	**A**	**48**	**600**	**-**	**-**
Plan 1	Honey	A2a	18	18	-	-
Plan 1	Honey	A2b	9	72	-	-
Plan 1	Honey	A3c	30	510	-	-
Plan 1	**Honey**	**B**	**40**	**1579**	**-**	**-**
Plan 1	Honey	B1a	40	1519	-	-
Plan 1	Honey	B1e	30	60	-	-
Plan 1	**Honey**	**Total**	**49**	**2179**	**-**	**-**
Plan 1	**Horses**	**A**	**2**	**32**	**-**	**-**
Plan 1	Horses	A1a	1	3	-	-
Plan 1	Horses	A1c	1	17	-	-
Plan 1	Horses	A1d	1	6	-	-
Plan 1	Horses	A2d	1	1	-	-
Plan 1	Horses	A3f	2	5	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Horses**	**B**	**2**	**12**	**-**	**-**
Plan 1	Horses	B1c	1	3	-	-
Plan 1	Horses	B1d	1	9	-	-
Plan 1	**Horses**	**Total**	**2**	**44**	**-**	**-**
Plan 1	**Milk**	**A**	**102**	**3345**	**-**	**-**
Plan 1	Milk	A2a	32	32	-	-
Plan 1	Milk	A2b	25	200	-	-
Plan 1	Milk	A2c	58	406	-	-
Plan 1	Milk	A3c	70	1199	-	-
Plan 1	Milk	A3d	58	348	-	-
Plan 1	Milk	A3f	58	1160	-	-
Plan 1	**Milk**	**B**	**72**	**4683**	**-**	**-**
Plan 1	Milk	B1a	71	2417	-	-
Plan 1	Milk	B1b	58	812	-	-
Plan 1	Milk	B1d	60	1046	-	-
Plan 1	Milk	B1e	59	118	-	-
Plan 1	Milk	B2	58	290	-	-
Plan 1	**Milk**	**Total**	**104**	**8028**	**-**	**-**
Plan 1	**Pigs**	**A**	**852**	**10,410**	**-**	**-**
Plan 1	Pigs	A1a	66	198	-	-
Plan 1	Pigs	A1b	38	264	-	-
Plan 1	Pigs	A1c	67	856	-	-
Plan 1	Pigs	A1d	75	450	-	-
Plan 1	Pigs	A1e	36	454	-	-
Plan 1	Pigs	A2a	52	52	-	-
Plan 1	Pigs	A2b	69	456	-	-
Plan 1	Pigs	A2c	200	1400	-	-
Plan 1	Pigs	A2d	246	446	-	-
Plan 1	Pigs	A3c	19	38	-	-
Plan 1	Pigs	A3d	200	1200	-	-
Plan 1	Pigs	A3f	657	4596	-	-
Plan 1	**Pigs**	**B**	**727**	**10,099**	**5**	**0.05**
Plan 1	Pigs	B1a	30	90	1	1.11
Plan 1	Pigs	B1b	221	3011	-	-
Plan 1	Pigs	B1c	246	738	-	-
Plan 1	Pigs	B1d	659	4858	3	0.06

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	Pigs	B1e	202	202	1	0.5
Plan 1	Pigs	B2	200	1200	-	-
Plan 1	**Pigs**	**Total**	**910**	**20,509**	**5**	**0.02**
Plan 1	**Poultry**	**A**	**191**	**5348**	**-**	**-**
Plan 1	Poultry	A1e	86	726	-	-
Plan 1	Poultry	A2a	43	43	-	-
Plan 1	Poultry	A2b	60	412	-	-
Plan 1	Poultry	A2c	45	315	-	-
Plan 1	Poultry	A2d	45	90	-	-
Plan 1	Poultry	A3c	116	2436	-	-
Plan 1	Poultry	A3d	71	426	-	-
Plan 1	Poultry	A3f	45	900	-	-
Plan 1	**Poultry**	**B**	**127**	**8110**	**-**	**-**
Plan 1	Poultry	B1a	116	5701	-	-
Plan 1	Poultry	B1b	78	1001	-	-
Plan 1	Poultry	B1d	46	901	-	-
Plan 1	Poultry	B1e	71	142	-	-
Plan 1	Poultry	B2	81	365	-	-
Plan 1	**Poultry**	**Total**	**202**	**13,458**	**-**	**-**
Plan 1	**Rabbits**	**A**	**4**	**24**	**-**	**-**
Plan 1	Rabbits	A2a	2	2	-	-
Plan 1	Rabbits	A2b	2	16	-	-
Plan 1	Rabbits	A2d	1	1	-	-
Plan 1	Rabbits	A3f	2	5	-	-
Plan 1	**Rabbits**	**B**	**3**	**5**	**-**	**-**
Plan 1	Rabbits	B1c	1	3	-	-
Plan 1	Rabbits	B1d	2	2	-	-
Plan 1	**Rabbits**	**Total**	**5**	**29**	**-**	**-**
Plan 1	**Sheep/goats**	**A**	**42**	**396**	**-**	**-**
Plan 1	Sheep/goats	A1a	7	21	-	-
Plan 1	Sheep/goats	A1b	3	27	-	-
Plan 1	Sheep/goats	A1c	7	119	-	-
Plan 1	Sheep/goats	A1d	7	42	-	-
Plan 1	Sheep/goats	A1e	3	60	-	-
Plan 1	Sheep/goats	A2a	4	4	-	-
Plan 1	Sheep/goats	A2b	6	40	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	Sheep/goats	A2d	10	10	-	-
Plan 1	Sheep/goats	A3c	3	6	-	-
Plan 1	Sheep/goats	A3d	2	12	-	-
Plan 1	Sheep/goats	A3f	25	55	-	-
Plan 1	**Sheep/goats**	**B**	**64**	**166**	**-**	**-**
Plan 1	Sheep/goats	B1a	3	18	-	-
Plan 1	Sheep/goats	B1c	10	30	-	-
Plan 1	Sheep/goats	B1d	49	106	-	-
Plan 1	Sheep/goats	B2	2	12	-	-
Plan 1	**Sheep/goats**	**Total**	**78**	**562**	**-**	**-**

'-' indicates that zero samples/results were reported;

G.2. Overall results for Plan 2 by product category and substance group

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 2	Aquaculture	A	25	550	-	-
Plan 2	Aquaculture	A3a	25	25	-	-
Plan 2	Aquaculture	A3c	25	525	-	-
Plan 2	**Aquaculture**	**B**	**25**	**1550**	**-**	**-**
Plan 2	Aquaculture	B1a	25	1550	-	-
Plan 2	**Aquaculture**	**Total**	**25**	**2100**	**-**	**-**
Plan 2	**Bovines**	**A**	**16**	**560**	**-**	**-**
Plan 2	Bovines	A2c	16	112	-	-
Plan 2	Bovines	A2d	16	32	-	-
Plan 2	Bovines	A3d	16	96	-	-
Plan 2	Bovines	A3f	16	320	-	-
Plan 2	**Bovines**	**B**	**18**	**1084**	**1**	**0.09**
Plan 2	Bovines	B1a	18	392	-	-
Plan 2	Bovines	B1b	16	224	-	-
Plan 2	Bovines	B1c	16	48	-	-
Plan 2	Bovines	B1d	18	292	1	0.34
Plan 2	Bovines	B1e	16	32	-	-
Plan 2	Bovines	B2	16	96	-	-
Plan 2	**Bovines**	**Total**	**18**	**1644**	**1**	**0.06**
Plan 2	**Pigs**	**A**	**18**	**630**	**-**	**-**

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 2	Pigs	A2c	18	126	-	-
Plan 2	Pigs	A2d	18	36	-	-
Plan 2	Pigs	A3d	18	108	-	-
Plan 2	Pigs	A3f	18	360	-	-
Plan 2	**Pigs**	**B**	**18**	**792**	**-**	**-**
Plan 2	Pigs	B1b	18	252	-	-
Plan 2	Pigs	B1c	18	54	-	-
Plan 2	Pigs	B1d	18	360	-	-
Plan 2	Pigs	B1e	18	18	-	-
Plan 2	Pigs	B2	18	108	-	-
Plan 2	**Pigs**	**Total**	**18**	**1422**	**-**	**-**
Plan 2	**Poultry**	**A**	**10**	**500**	**-**	**-**
Plan 2	Poultry	A2c	10	70	-	-
Plan 2	Poultry	A2d	10	20	-	-
Plan 2	Poultry	A3c	10	210	-	-
Plan 2	Poultry	A3f	10	200	-	-
Plan 2	**Poultry**	**B**	**10**	**820**	**-**	**-**
Plan 2	Poultry	B1a	10	620	-	-
Plan 2	Poultry	B1d	10	200	-	-
Plan 2	**Poultry**	**Total**	**10**	**1320**	**-**	**-**

'-' indicates that zero samples/results were reported;

G.3. Overall results for Plan 3 by product category and substance group

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 3	Aquaculture	A	11	376	-	-
Plan 3	Aquaculture	A2a	11	11	-	-
Plan 3	Aquaculture	A2b	11	47	-	-
Plan 3	Aquaculture	A2c	11	77	-	-
Plan 3	Aquaculture	A2d	11	22	-	-
Plan 3	Aquaculture	A3a	11	54	-	-
Plan 3	Aquaculture	A3b	11	11	-	-
Plan 3	Aquaculture	A3c	11	110	-	-
Plan 3	Aquaculture	A3d	11	11	-	-
Plan 3	Aquaculture	A3f	11	33	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 3	**Aquaculture**	**B**	**11**	**642**	**-**	**-**
Plan 3	Aquaculture	B1a	11	444	-	-
Plan 3	Aquaculture	B1b	11	154	-	-
Plan 3	Aquaculture	B1c	11	44	-	-
Plan 3	**Aquaculture**	**Total**	**11**	**1018**	**-**	**-**
Plan 3	**Bovines**	**A**	**32**	**3142**	**-**	**-**
Plan 3	Bovines	A1a	31	93	-	-
Plan 3	Bovines	A1b	31	155	-	-
Plan 3	Bovines	A1c	31	930	-	-
Plan 3	Bovines	A1d	30	60	-	-
Plan 3	Bovines	A1e	31	651	-	-
Plan 3	Bovines	A2a	32	32	-	-
Plan 3	Bovines	A2b	32	137	-	-
Plan 3	Bovines	A2c	32	224	-	-
Plan 3	Bovines	A2d	32	64	-	-
Plan 3	Bovines	A3a	1	5	-	-
Plan 3	Bovines	A3b	32	33	-	-
Plan 3	Bovines	A3c	32	351	-	-
Plan 3	Bovines	A3d	32	218	-	-
Plan 3	Bovines	A3f	32	189	-	-
Plan 3	**Bovines**	**B**	**32**	**2787**	**-**	**-**
Plan 3	Bovines	B1a	32	1499	-	-
Plan 3	Bovines	B1b	32	416	-	-
Plan 3	Bovines	B1c	32	128	-	-
Plan 3	Bovines	B1d	31	248	-	-
Plan 3	Bovines	B2	31	496	-	-
Plan 3	**Bovines**	**Total**	**32**	**5929**	**-**	**-**
Plan 3	**Game (Farmed Game)**	**A**	**9**	**902**	**-**	**-**
Plan 3	Game (Farmed Game)	A1a	9	27	-	-
Plan 3	Game (Farmed Game)	A1b	9	45	-	-
Plan 3	Game (Farmed Game)	A1c	9	270	-	-
Plan 3	Game (Farmed Game)	A1d	9	18	-	-
Plan 3	Game (Farmed Game)	A1e	9	189	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 3	Game (Farmed Game)	A2a	9	9	-	-
Plan 3	Game (Farmed Game)	A2b	9	38	-	-
Plan 3	Game (Farmed Game)	A2c	9	63	-	-
Plan 3	Game (Farmed Game)	A2d	9	18	-	-
Plan 3	Game (Farmed Game)	A3b	9	9	-	-
Plan 3	Game (Farmed Game)	A3c	9	99	-	-
Plan 3	Game (Farmed Game)	A3d	9	63	-	-
Plan 3	Game (Farmed Game)	A3f	9	54	-	-
Plan 3	**Game (Farmed Game)**	**B**	**9**	**792**	**-**	**-**
Plan 3	Game (Farmed Game)	B1a	9	423	-	-
Plan 3	Game (Farmed Game)	B1b	9	117	-	-
Plan 3	Game (Farmed Game)	B1c	9	36	-	-
Plan 3	Game (Farmed Game)	B1d	9	72	-	-
Plan 3	Game (Farmed Game)	B2	9	144	-	-
Plan 3	**Game (Farmed Game)**	**Total**	**9**	**1694**	**-**	**-**
Plan 3	**Honey**	**A**	**1**	**23**	**-**	**-**
Plan 3	Honey	A2a	1	1	-	-
Plan 3	Honey	A2b	1	4	-	-
Plan 3	Honey	A2c	1	7	-	-
Plan 3	Honey	A2d	1	1	-	-
Plan 3	Honey	A3c	1	10	-	-
Plan 3	**Honey**	**B**	**1**	**42**	**-**	**-**
Plan 3	Honey	B1a	1	42	-	-
Plan 3	**Honey**	**Total**	**1**	**65**	**-**	**-**
Plan 3	**Horses**	**A**	**1**	**100**	**-**	**-**
Plan 3	Horses	A1a	1	3	-	-
Plan 3	Horses	A1b	1	5	-	-
Plan 3	Horses	A1c	1	30	-	-
Plan 3	Horses	A1d	1	2	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 3	Horses	A1e	1	21	-	-
Plan 3	Horses	A2a	1	1	-	-
Plan 3	Horses	A2b	1	4	-	-
Plan 3	Horses	A2c	1	7	-	-
Plan 3	Horses	A2d	1	2	-	-
Plan 3	Horses	A3b	1	1	-	-
Plan 3	Horses	A3c	1	11	-	-
Plan 3	Horses	A3d	1	7	-	-
Plan 3	Horses	A3f	1	6	-	-
Plan 3	**Horses**	**B**	**1**	**88**	**-**	**-**
Plan 3	Horses	B1a	1	47	-	-
Plan 3	Horses	B1b	1	13	-	-
Plan 3	Horses	B1c	1	4	-	-
Plan 3	Horses	B1d	1	8	-	-
Plan 3	Horses	B2	1	16	-	-
Plan 3	Horses	Total	1	188	-	-

'-' indicates that zero samples/results were reported;

G.4. Overall list of non-compliant results

Plan	Category	Group	Substance	Non-compliant results
Plan 1	Bovines	B1d	Dexamethasone	1
Plan 1	Bovines	B1d	Meloxicam	1
Plan 1	Pigs	B1a	Benzylpenicillin (Penicillin G)	1
Plan 1	Pigs	B1d	Diclofen (Diclofenac)	2
Plan 1	Pigs	B1d	Meloxicam	1
Plan 1	Pigs	B1e	Lidocaine	1
Plan 2	Bovines	B1d	Diclofen (Diclofenac)	1

Appendix H – List of results for North Macedonia

H.1. Overall results by plan, product category and substance group

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Aquaculture**	**A**	**15**	**56**	**-**	**-**
Plan 1	Aquaculture	A1c	2	8	-	-
Plan 1	Aquaculture	A2a	2	2	-	-
Plan 1	Aquaculture	A2b	2	8	-	-
Plan 1	Aquaculture	A2c	2	8	-	-
Plan 1	Aquaculture	A3a	2	10	-	-
Plan 1	Aquaculture	A3b	2	16	-	-
Plan 1	Aquaculture	A3c	1	2	-	-
Plan 1	Aquaculture	A3f	2	2	-	-
Plan 1	**Aquaculture**	**B**	**12**	**148**	**-**	**-**
Plan 1	Aquaculture	B1a	4	80	-	-
Plan 1	Aquaculture	B1b	4	64	-	-
Plan 1	Aquaculture	B1e	4	4	-	-
Plan 1	**Aquaculture**	**Total**	**27**	**204**	**-**	**-**
Plan 1	**Bovines**	A	**36**	**138**	**-**	**-**
Plan 1	Bovines	A1a	3	9	-	-
Plan 1	Bovines	A1b	3	12	-	-
Plan 1	Bovines	A1c	2	14	-	-
Plan 1	Bovines	A1d	3	6	-	-
Plan 1	Bovines	A1e	2	22	-	-
Plan 1	Bovines	A2a	2	2	-	-
Plan 1	Bovines	A2b	1	4	-	-
Plan 1	Bovines	A2c	3	12	-	-
Plan 1	Bovines	A2d	4	4	-	-
Plan 1	Bovines	A3b	2	18	-	-
Plan 1	Bovines	A3c	3	9	-	-
Plan 1	Bovines	A3d	2	12	-	-
Plan 1	Bovines	A3f	6	14	-	-
Plan 1	**Bovines**	**B**	**19**	**318**	**1**	**0.31**
Plan 1	Bovines	B1a	5	180	1	0.56
Plan 1	Bovines	B1b	3	60	-	-
Plan 1	Bovines	B1c	3	12	-	-
Plan 1	Bovines	B1d	3	36	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	Bovines	B1e	3	6	-	-
Plan 1	Bovines	B2	2	24	-	-
Plan 1	**Bovines**	**Total**	**52**	**456**	**1**	**0.22**
Plan 1	**Casings**	**A**	**4**	**11**	**-**	**-**
Plan 1	Casings	A2a	1	1	-	-
Plan 1	Casings	A2b	1	4	-	-
Plan 1	Casings	A2c	1	4	-	-
Plan 1	Casings	A2d	1	2	-	-
Plan 1	**Casings**	**Total**	**4**	**11**	**-**	**-**
Plan 1	**Eggs**	**A**	**64**	**240**	**-**	**-**
Plan 1	Eggs	A2a	11	11	-	-
Plan 1	Eggs	A2b	10	40	-	-
Plan 1	Eggs	A2c	11	44	-	-
Plan 1	Eggs	A3b	10	80	-	-
Plan 1	Eggs	A3c	8	16	-	-
Plan 1	Eggs	A3d	7	42	-	-
Plan 1	Eggs	A3f	7	7	-	-
Plan 1	**Eggs**	**B**	**65**	**693**	**-**	**-**
Plan 1	Eggs	B1a	17	357	-	-
Plan 1	Eggs	B1b	16	112	-	-
Plan 1	Eggs	B1e	16	32	-	-
Plan 1	Eggs	B2	16	192	-	-
Plan 1	**Eggs**	**Total**	**129**	**933**	**-**	**-**
Plan 1	**Honey**	**A**	**33**	**130**	**-**	**-**
Plan 1	Honey	A2a	4	4	-	-
Plan 1	Honey	A2b	6	24	-	-
Plan 1	Honey	A2c	5	20	-	-
Plan 1	Honey	A2d	5	5	-	-
Plan 1	Honey	A3b	4	56	-	-
Plan 1	Honey	A3c	5	5	-	-
Plan 1	Honey	A3f	4	16	-	-
Plan 1	**Honey**	**B**	**35**	**350**	**-**	**-**
Plan 1	Honey	B1a	9	207	-	-
Plan 1	Honey	B1b	13	117	-	-
Plan 1	Honey	B1e	13	26	-	-
Plan 1	**Honey**	**Total**	**68**	**480**	**-**	**-**

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Milk**	**A**	**51**	**165**	**-**	**-**
Plan 1	Milk	A2a	10	10	-	-
Plan 1	Milk	A2b	9	36	-	-
Plan 1	Milk	A2c	9	36	-	-
Plan 1	Milk	A2d	5	10	-	-
Plan 1	Milk	A3b	7	56	-	-
Plan 1	Milk	A3c	5	10	-	-
Plan 1	Milk	A3f	7	7	-	-
Plan 1	**Milk**	**B**	**54**	**865**	**-**	**-**
Plan 1	Milk	B1a	15	555	-	-
Plan 1	Milk	B1b	8	120	-	-
Plan 1	Milk	B1d	13	73	-	-
Plan 1	Milk	B1e	9	18	-	-
Plan 1	Milk	B2	9	99	-	-
Plan 1	**Milk**	**Total**	**98**	**1030**	**-**	**-**
Plan 1	**Pigs**	**A**	**48**	**232**	**-**	**-**
Plan 1	Pigs	A1a	4	12	-	-
Plan 1	Pigs	A1b	4	16	-	-
Plan 1	Pigs	A1c	4	28	-	-
Plan 1	Pigs	A1d	4	8	-	-
Plan 1	Pigs	A1e	4	66	-	-
Plan 1	Pigs	A2a	4	4	-	-
Plan 1	Pigs	A2b	3	12	-	-
Plan 1	Pigs	A2c	4	16	-	-
Plan 1	Pigs	A2d	3	6	-	-
Plan 1	Pigs	A3b	3	24	-	-
Plan 1	Pigs	A3c	2	6	-	-
Plan 1	Pigs	A3d	3	18	-	-
Plan 1	Pigs	A3f	6	16	-	-
Plan 1	**Pigs**	**B**	**43**	**790**	**-**	**-**
Plan 1	Pigs	B1a	13	468	-	-
Plan 1	Pigs	B1b	8	160	-	-
Plan 1	Pigs	B1c	4	16	-	-
Plan 1	Pigs	B1d	4	48	-	-
Plan 1	Pigs	B1e	7	14	-	-
Plan 1	Pigs	B2	7	84	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Pigs**	**Total**	**87**	**1022**	**-**	**-**
Plan 1	**Poultry**	**A**	**7**	**53**	**-**	**-**
Plan 1	Poultry	A1e	2	33	-	-
Plan 1	Poultry	A2a	1	1	-	-
Plan 1	Poultry	A2c	1	4	-	-
Plan 1	Poultry	A3b	1	8	-	-
Plan 1	Poultry	A3d	1	6	-	-
Plan 1	Poultry	A3f	1	1	-	-
Plan 1	**Poultry**	**B**	**5**	**69**	**-**	**-**
Plan 1	Poultry	B1a	2	48	-	-
Plan 1	Poultry	B1b	1	8	-	-
Plan 1	Poultry	B1e	1	1	-	-
Plan 1	Poultry	B2	1	12	-	-
Plan 1	**Poultry**	**Total**	**12**	**122**	**-**	**-**
Plan 1	**Sheep/goats**	**A**	**29**	**126**	**-**	**-**
Plan 1	Sheep/goats	A1a	2	6	-	-
Plan 1	Sheep/goats	A1b	2	8	-	-
Plan 1	Sheep/goats	A1c	2	14	-	-
Plan 1	Sheep/goats	A1d	2	4	-	-
Plan 1	Sheep/goats	A1e	2	22	-	-
Plan 1	Sheep/goats	A2a	1	1	-	-
Plan 1	Sheep/goats	A2b	2	8	-	-
Plan 1	Sheep/goats	A2c	2	8	-	-
Plan 1	Sheep/goats	A2d	2	4	-	-
Plan 1	Sheep/goats	A3b	2	16	-	-
Plan 1	Sheep/goats	A3c	2	6	-	-
Plan 1	Sheep/goats	A3d	2	12	-	-
Plan 1	Sheep/goats	A3f	6	17	-	-
Plan 1	**Sheep/goats**	**B**	**43**	**728**	**-**	**-**
Plan 1	Sheep/goats	B1a	10	360	-	-
Plan 1	Sheep/goats	B1b	9	180	-	-
Plan 1	Sheep/goats	B1c	5	20	-	-
Plan 1	Sheep/goats	B1d	7	84	-	-
Plan 1	Sheep/goats	B1e	6	12	-	-
Plan 1	Sheep/goats	B2	6	72	-	-

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Sheep/goats**	**Total**	**67**	**854**	**-**	**-**

'-' indicates that zero samples/results were reported;

H.2. Overall list of non-compliant results

Plan	Category	Group	Substance	Non-compliant results
Plan 1	Bovines	B1a	Tulathromycin	1

Appendix I – List of results for Montenegro

I.1. Overall results for Plan 1 by product category and substance group

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Aquaculture**	**A**	**15**	**46**	**-**	**-**
Plan 1	Aquaculture	A1a	1	3	-	-
Plan 1	Aquaculture	A2a	5	5	-	-
Plan 1	Aquaculture	A2b	3	12	-	-
Plan 1	Aquaculture	A2c	2	14	-	-
Plan 1	Aquaculture	A3a	4	12	-	-
Plan 1	**Aquaculture**	**B**	**12**	**65**	**-**	**-**
Plan 1	Aquaculture	B1a	10	63	-	-
Plan 1	Aquaculture	B1b	2	2	-	-
Plan 1	**Aquaculture**	**Total**	**27**	**111**	**-**	**-**
Plan 1	**Bovines**	**A**	**73**	**220**	**-**	**-**
Plan 1	Bovines	A1a	5	15	-	-
Plan 1	Bovines	A1b	5	25	-	-
Plan 1	Bovines	A1c	7	22	-	-
Plan 1	Bovines	A1d	5	26	-	-
Plan 1	Bovines	A1e	7	15	-	-
Plan 1	Bovines	A2a	15	15	-	-
Plan 1	Bovines	A2b	5	20	-	-
Plan 1	Bovines	A2c	9	63	-	-
Plan 1	Bovines	A2d	7	7	-	-
Plan 1	Bovines	A3f	10	12	-	-
Plan 1	**Bovines**	**B**	**44**	**246**	**-**	**-**
Plan 1	Bovines	B1a	27	163	-	-
Plan 1	Bovines	B1b	10	28	-	-
Plan 1	Bovines	B1d	3	15	-	-
Plan 1	Bovines	B2	4	40	-	-
Plan 1	**Bovines**	**Total**	**117**	**466**	**-**	**-**
Plan 1	**Eggs**	**A**	**2**	**14**	**-**	**-**
Plan 1	Eggs	A2c	2	14	-	-
Plan 1	**Eggs**	**B**	**1**	**9**	**-**	**-**
Plan 1	Eggs	B1b	1	9	-	-
Plan 1	**Eggs**	**Total**	**3**	**23**	**-**	**-**

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	**Honey**	**A**	**11**	**37**	**-**	**-**
Plan 1	Honey	A2a	5	5	-	-
Plan 1	Honey	A2b	3	11	-	-
Plan 1	Honey	A2c	3	21	-	-
Plan 1	**Honey**	**B**	**23**	**55**	**-**	**-**
Plan 1	Honey	B1a	9	41	-	-
Plan 1	Honey	B1b	14	14	-	-
Plan 1	**Honey**	**Total**	**34**	**92**	**-**	**-**
Plan 1	**Milk**	**A**	**12**	**24**	**-**	**-**
Plan 1	Milk	A2a	8	8	-	-
Plan 1	Milk	A2c	4	16	-	-
Plan 1	**Milk**	**B**	**39**	**170**	**-**	**-**
Plan 1	Milk	B1a	25	136	-	-
Plan 1	Milk	B1b	8	22	-	-
Plan 1	Milk	B1d	6	12	-	-
Plan 1	**Milk**	**Total**	**51**	**194**	**-**	**-**
Plan 1	**Pigs**	**A**	**11**	**50**	**-**	**-**
Plan 1	Pigs	A1b	1	4	-	-
Plan 1	Pigs	A1c	3	15	-	-
Plan 1	Pigs	A1e	1	3	-	-
Plan 1	Pigs	A2a	1	1	-	-
Plan 1	Pigs	A2b	1	5	-	-
Plan 1	Pigs	A2c	1	7	-	-
Plan 1	Pigs	A2d	1	1	-	-
Plan 1	Pigs	A3f	4	14	-	-
Plan 1	**Pigs**	**B**	**6**	**29**	**-**	**-**
Plan 1	Pigs	B1b	3	11	-	-
Plan 1	Pigs	B1d	3	18	-	-
Plan 1	**Pigs**	**Total**	**14**	**79**	**-**	**-**
Plan 1	**Poultry**	**A**	**7**	**15**	**-**	**-**
Plan 1	Poultry	A1e	1	3	-	-
Plan 1	Poultry	A2a	4	4	-	-
Plan 1	Poultry	A2c	1	7	-	-
Plan 1	Poultry	A2d	1	1	-	-
Plan 1	**Poultry**	**B**	**16**	**75**	**-**	**-**

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 1	Poultry	B1a	9	56	-	-
Plan 1	Poultry	B1b	6	16	-	-
Plan 1	Poultry	B1d	1	3	-	-
Plan 1	**Poultry**	**Total**	**23**	**90**	**-**	**-**
Plan 1	**Sheep/goats**	**A**	**20**	**85**	**-**	**-**
Plan 1	Sheep/goats	A1c	3	14	-	-
Plan 1	Sheep/goats	A1d	1	5	-	-
Plan 1	Sheep/goats	A1e	1	3	-	-
Plan 1	Sheep/goats	A2a	7	7	-	-
Plan 1	Sheep/goats	A2b	4	16	-	-
Plan 1	Sheep/goats	A2c	5	35	-	-
Plan 1	Sheep/goats	A2d	2	2	-	-
Plan 1	Sheep/goats	A3d	1	1	-	-
Plan 1	Sheep/goats	A3f	2	2	-	-
Plan 1	**Sheep/goats**	**B**	**21**	**156**	**-**	**-**
Plan 1	Sheep/goats	B1a	11	77	-	-
Plan 1	Sheep/goats	B1b	4	28	-	-
Plan 1	Sheep/goats	B1d	1	1	-	-
Plan 1	Sheep/goats	B2	5	50	-	-
Plan 1	**Sheep/goats**	**Total**	**40**	**241**	**-**	**-**

'-' indicates that zero samples/results were reported;

I.2. Overall results for Plan 3 by product category and substance group

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 3	**Aquaculture**	**A**	**16**	**41**	**-**	**-**
Plan 3	Aquaculture	A2a	3	3	-	-
Plan 3	Aquaculture	A2b	7	28	-	-
Plan 3	Aquaculture	A3a	6	10	-	-
Plan 3	**Aquaculture**	**B**	**11**	**55**	**-**	**-**
Plan 3	Aquaculture	B1a	11	55	-	-
Plan 3	**Aquaculture**	**Total**	**27**	**96**	**-**	**-**
Plan 3	**Bovines**	**A**	**10**	**41**	**-**	**-**

Plan	Category	Group	Samples analysed	Results analysed	Non-compliant results	% Non-compliant results
Plan 3	Bovines	A1a	1	3	-	-
Plan 3	Bovines	A1c	1	6	-	-
Plan 3	Bovines	A1d	1	5	-	-
Plan 3	Bovines	A1e	1	3	-	-
Plan 3	Bovines	A2a	2	2	-	-
Plan 3	Bovines	A2b	2	8	-	-
Plan 3	Bovines	A2c	2	14	-	-
Plan 3	**Bovines**	**B**	**7**	**36**	**-**	**-**
Plan 3	Bovines	B1a	7	36	-	-
Plan 3	**Bovines**	**Total**	**17**	**77**	**-**	**-**
Plan 3	**Milk**	**A**	**4**	**10**	**-**	**-**
Plan 3	Milk	A2a	1	1	-	-
Plan 3	Milk	A2b	1	4	-	-
Plan 3	Milk	A2c	1	4	-	-
Plan 3	Milk	A3d	1	1	-	-
Plan 3	**Milk**	**B**	**10**	**54**	**-**	**-**
Plan 3	Milk	B1a	5	34	-	-
Plan 3	Milk	B1b	2	11	-	-
Plan 3	Milk	B1d	3	9	-	-
Plan 3	**Milk**	**Total**	**13**	**64**	**-**	**-**
Plan 3	**Pigs**	**A**	**7**	**9**	**-**	**-**
Plan 3	Pigs	A1d	5	5	-	-
Plan 3	Pigs	A1e	1	3	-	-
Plan 3	Pigs	A2a	1	1	-	-
Plan 3	**Pigs**	**B**	**11**	**80**	**-**	**-**
Plan 3	Pigs	B1a	9	60	-	-
Plan 3	Pigs	B2	2	20	-	-
Plan 3	**Pigs**	**Total**	**18**	**89**	**-**	**-**
Plan 3	**Poultry**	**A**	**5**	**10**	**-**	**-**
Plan 3	Poultry	A1e	1	3	-	-
Plan 3	Poultry	A2a	3	3	-	-
Plan 3	Poultry	A2b	1	4	-	-
Plan 3	**Poultry**	**B**	**13**	**70**	**-**	**-**
Plan 3	Poultry	B1a	13	70	-	-
Plan 3	**Poultry**	**Total**	**18**	**80**	**-**	**-**

'-' indicates that zero samples/results were reported;

I.3. Overall list of non-compliant results

No non-compliant samples and results were reported.

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