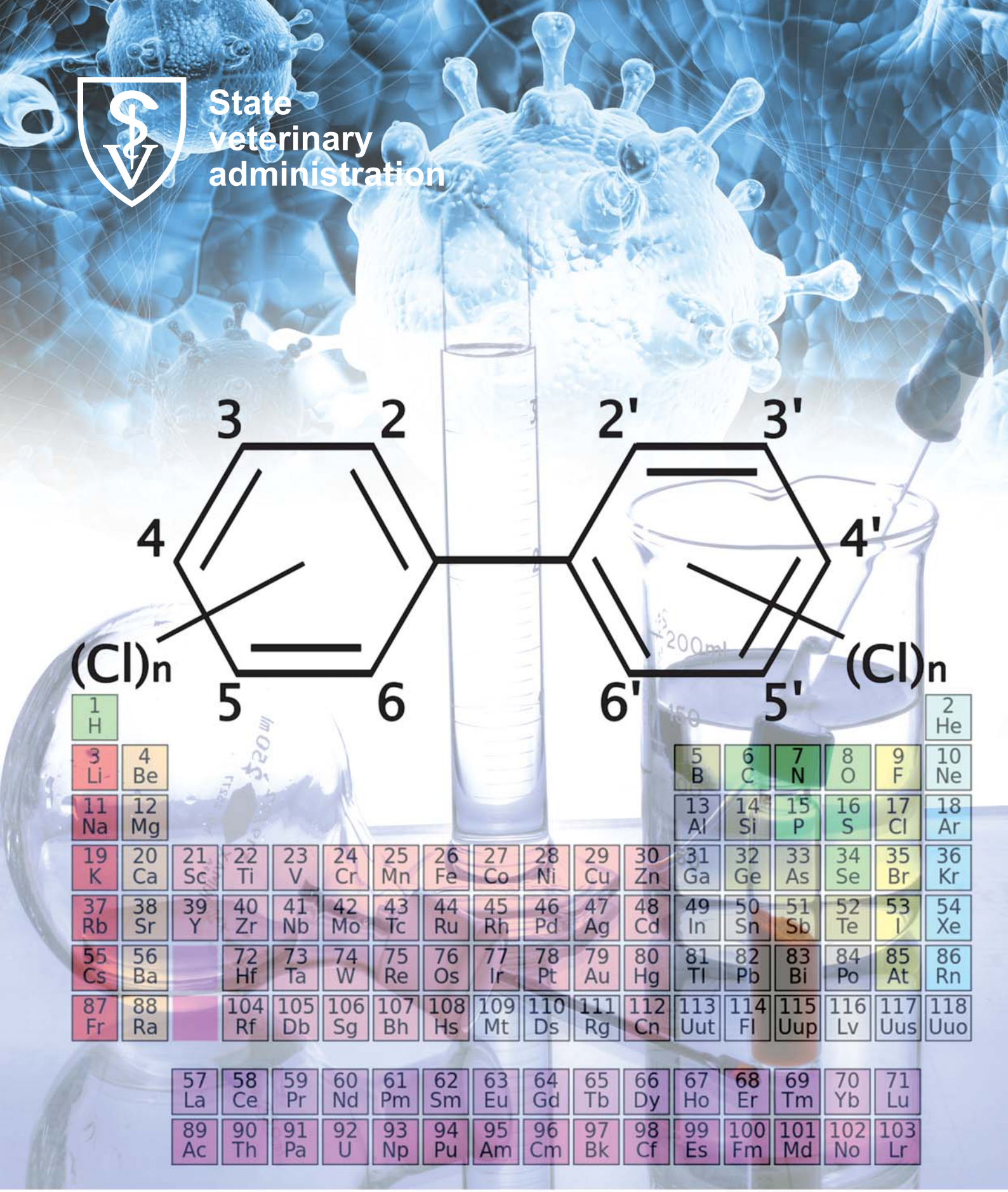


State Veterinary Administration of the Czech Republic

Contamination of Food Chain with Residues and Contaminants

Situation in the Year 2017

Information Bulletin No 1/2018

State Veterinary Administration of the Czech Republic

Information Bulletin No 1/2018

Contamination of Food Chain with Residues and Contaminants – Situation in the Year 2017

Drawn up by:
MVDr. Jiří DRÁPAL – CVA SVA CR, Food Safety Division
MVDr. Roman PÍCHA – CVA SVA CR, Food Safety Division
MVDr. Veronika VLASÁKOVÁ – CVA SVA CR, Food Safety Division
Mgr. Martina REJTHAROVÁ – ISCVBM Brno
Ing. Jan ROSMUS – SVI Prague
Ing. Alena HONZLOVÁ – SVI Jihlava
RNDr. Mirjana KOLÁČKOVÁ – SVI Olomouc
Ing. Alena ŠIMÁKOVÁ – SVI Olomouc
Ing. Petr HEDBÁVNÝ – CVA SVA CR, Dept. of Information and Communication Technologies, Division of Laboratory Diagnostics Support
Martin Tajmr – CVA SVA CR, Dept. of Information and Communication Technologies, Division of Laboratory Diagnostics Support

Drawn up based on the data from the SVA CR Information System – March 2018

Summary:

The report contains **data for the year 2017**, as well as graphs expressing trends in the average content of certain residues and contaminants in raw materials and food of animal origin, feeds and water. Totally **74 190 analyses** were performed within the monitoring of residues and contaminants in the year 2017 (71 180 analyses in the year 2016), from which 69 586 analyses were performed within planned sampling, 392 analyses within targeted testing of suspect samples, 1 083 analyses in samples from other Member States of the European Union (hereinafter referred to as the "EU") and 99 analyses in samples of commodities imported from third countries. **Non-compliant findings** represented **0.11 %** of all analyses performed during the assessed year (0.12 % in the year 2016).

Only two non-compliant samples of food of animal origin were detected within testing for monitored residues or contaminants (i.e. 0.02 %; 0.04 % in the year 2016). The total percentage of non-compliant findings detected in tissues of farm animals was of 0.07 % (0.08 % in the previous year); the highest percentage of non-compliant samples was detected in tissues of wild and farmed game animals and fish (0.77 %; 0.73 % in the year 2016). The percentage of non-compliant samples detected in feeds was of 0.24 % (0.13 % in the year 2016). Only one sample containing non-compliant level of contaminants was detected in imported feeds (0.08 %).

With respect to a relatively low percentage of non-compliant samples, health safety of raw materials and food of animal origin can be assessed as still favourable from the viewpoint of the content of residues and contaminants (see Table 1 and 2). As apparent from tables containing overviews of testing for residues and contaminants performed in the year 2017, as well as from trend graphs for previous more than 20 years, an average content of most of monitored residues and contaminants is deeply under specified maximum residue limits ("MRL") and maximum limits ("ML") of contaminants ("hygiene limits") and their incidence is mainly decreasing. The detection of the residues of VMPs (mainly antimicrobials) must be, however, still regarded as important. Checks on the use of unauthorised drugs (synthetic colorants) used for the treatment in fish farming (particularly in trouts) requires consistent care. On the other hand, the fact that no new holdings keeping bovine animals and swine with animals contaminated with polychlorinated biphenyls (PCB) were recorded, can be assessed positively.

Contents

1. Introduction

The report for the year 2017 presents results and evaluates the situation concerning the content of **residues and contaminants** in feeds, live animals on farms, raw materials and food of animal origin. The results are processed into tables and graphs, supplemented with short comments. The results come from the regular **monitoring** of residues and contaminants carried out in accordance with Council Directives 96/23/EC and 96/22/EC, Commission Decisions 97/747/EC and 98/179/EC which are transposed in Decree of the Ministry of Agriculture of the Czech Republic No 291/2003 concerning the prohibition on the administration of certain substances to animals the products of which are intended for human consumption, and the monitoring in animals and animal products of unauthorised substances, residues and contaminants which may render animal products harmful to human health, as amended. The monitoring plan for each calendar year, as well as the results for the previous year, is submitted to the European Commission for approval annually, by 31 March at the latest.

The performance of such tests, their evaluation, as well as the retrieval of obtained data to the central database, are included in the system of the state supervision on the production of safe food and feed conducted by the State Veterinary Administration of the Czech Republic (hereinafter referred to as the "SVA CR") pursuant to provisions of § 48 (1) (a) of Act No 166/1999 concerning veterinary care and amending certain related laws (Veterinary Act), as amended.

In the cases when laboratory tests reveal non-compliant levels of any of the analytes monitored, Regional Veterinary Administrations and the Municipal Veterinary Administration in Prague (hereinafter referred to as the "RVA") act so as to prevent further spread of harmful substances in food chain by means of ordering appropriate follow-up measures, including the withdrawal of health unsafe goods from market network or ordered seizure (confiscation) of raw materials or foodstuffs sampled.

Individual samples intended for laboratory testing are always taken by authorised veterinary inspectors. An on-the-farm sampling of live animals or related feedingstuffs and water used for watering farm animals is **targeted** at the detection of the use of unauthorised substances or preparations and the residues thereof. Targeted sampling of these batches of goods or animals is performed where available information indicate that there is a suspicion on the presence of the residues of veterinary medicinal products (VMP) or pesticides. **Random sampling** is used for the detection of the presence of contaminants (e.g. chemical elements, industrial contaminants) in raw materials and foodstuffs of animal origin, provided that there is no justified suspicion on a higher environmental load (e.g. in industrial areas).

The number of planned samples for chemical analyses is based on the patterns set out by the national legislation and reflects the number of slaughter animals slaughtered in the previous year, as well as the volume of produced milk, eggs and honey. The samples are official samples and their analyses are paid from the budget of the SVA CR.

The results of analyses of feedingstuffs, raw materials and foodstuffs of animal origin were assessed pursuant to the legislation in force at the time of sampling ("hygiene limits"), i.e. in particular pursuant to Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs, as amended, Commission Regulation (EC) No 37/2010 on pharmacologically active substances and their classification regarding maximum residue limits in foodstuffs of animal origin, and Regulation (EC) of the European Parliament and of the Council No 396/2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC. The results of chemical analyses are compared with limits specified in legislation (ML – maximum limit, MRL – maximum residue limit, RPA – reference points of action and MRPL – minimum required performance limits which also serve as decision limits in unauthorised substances). Where no limits are still established in certain substances, we use "action limits" (intervention threshold levels) at exceeding of which it is necessary to search for the source of contamination and take measures for its reduction or removal. The same applies in the cases when concentrations under RPA levels are detected (in particular in drugs, the use of which in food producing animals is prohibited).

Feedingstuffs are covered by Act No 91/1996 on feedingstuffs, as amended, and its implementing Decree No 356/2008, as amended, setting maximum levels of chemical elements, pesticides, mycotoxins, dioxins and additives. The maximum content of chemical elements, pesticides, dioxins and additives is set out in Directive of the European Parliament and of the Council 202/32/EC.

The analyses of samples were performed at the laboratories of the State Veterinary Institutes (hereinafter referred to as the "SVIs") in Prague, Jihlava and Olomouc and at the Institute for the State Control of Veterinary Biologicals and Medicines in Brno (hereinafter referred to as the "ISCVBM"). The analyses of samples for dioxins were carried out at the SVI in Prague. Chemical and toxicological laboratories of the SVIs are **accredited** by the Czech Accreditation Institute (hereinafter referred to as the "CAI") pursuant to the standard ČSN EN ISO/IEC 17025:2005; all laboratory methods are validated and the laboratories take regularly part in control testing of their proficiency ("proficiency tests").

The results of all tests for the presence of residues and contaminants are kept in the SVA CR Information System database which communicates with information systems of participating laboratories. The data are retrieved for the central processing at the **SVA CR Information Centre in Liberec** using the VPN communication network of the SVA CR.

The data are particularly processed into the form of tables and the following terms are used:

n the number of analyses,

posit. the number of positive results (exceeding the detection limit of given method),

%pos. the percentage rate of positive results,

n+ the number of non-compliant results exceeding the hygiene limit in force,

%+ the percentage rate of non-compliant results,

median the middle value of the result complex (this value is expressed as n. d. = not detected when less than one half of results is positive),

mean the arithmetic mean of the result complex (for samples with results under the detection limit, one half of the detection limit is counted in the mean; in the case of qualitative results an abbreviation qual. is used instead of a figure),

90% quantile the maximum value after the exclusion of distant results (this value is expressed as n. d. = not detected when less than 10 % of results are positive),

maximum the maximum value of the result complex.

The second part of tables presents the distribution of results with respect to hygiene limits (expressed in %).

Regular sampling for the specified range of analyses forms a multiannual time series which enables the construction of graphs and the possibility to express trends in the content of particular harmful substances in specific types of foodstuffs or feedingstuffs. The presented maps of sampling sites are based on the localisation using cadastral territories or basic settlement units.

2. Animal feeds

Testing of feed materials and compound feedingstuffs for the content of chemical elements, residues of pesticides, unauthorised veterinary drugs, presence of mycotoxins and, if appropriate, coccidiostats in animal feed for the final stage of fattening, forms part of checks on health safety within the veterinary hygiene supervision. Animal feeds containing levels of contaminants and residues that exceed permitted levels may present an important source of a potential health risk from raw materials and foodstuffs of animal origin. VMPs or unauthorised drugs may be administered by means of water for watering animals. So the veterinary supervision focuses on such animal feedingstuffs, feed materials or water for watering animals, respectively, that form an important part of feed ration of certain species and categories of slaughter animals or may, on the basis of experience gained during the previous years, present the source of contamination.

2.1. Feed materials of animal origin

Testing of feed materials and feedingstuffs of animal origin for the presence of residues and contaminants concentrated on imported fish meals and certain products of rendering plants (rendered fats). Feed fish meals traded within the territory of the EU, in particular originating from Baltic region, were the subject of our monitoring, with respect to the content of chemical elements (heavy metals), chlorinated pesticides, “dioxins” (polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans /PCDD/PCDF/), “dioxin-like” PCB (PCB having dioxin effect /DL-PCB/), PCDD/F-PCB sum and polybrominated diphenyl ethers (PBDE). PBDE are substances which reduce flammability and are used e.g. in plastics, textiles or electronics. These substances have a high biocumulative potential and can be transmitted through food chains.

No non-compliant concentrations of monitored residues and contaminants were detected in imported fish meals. Established concentrations of chlorinated pesticides, PBDE and heavy metals were under maximum limits. Only in one case (tuna fish meal from Italy), a non-compliant concentration of cadmium was detected and the entire consignment was disposed of at a rendering plant. The concentration of contaminating “dioxins” and DL-PCB complied with maximum limits. From this viewpoint, the quality of fish meals is satisfactory. However, it is still necessary to monitor the quality of fish meals originating from Baltic Sea area, where a higher contamination of

certain fish species (cod, herring, etc.) with dioxins is generally known. Furthermore, it is still necessary to monitor also the content of heavy metals and arsenic in fish meals.

The samples of feeding raw materials (rendered fats) did not contain levels of polychlorinated biphenyls (PCB) and dioxins exceeding specified limits. In one sample, a higher concentration of dioxin sum and DL-PCB was detected; however, after the calculation of measurement uncertainty, the sample complied with the maximum limit.

2.2. Complete and supplementary feedingstuffs

In complete feedingstuffs, compound feedingstuffs for poultry, non-compliant concentrations of feed additives or their content in mixtures where such presence is unauthorised were detected. Nicarbazin (1x), narasin (2x) and salinomycin (8x) were concerned. In general, the residues of coccidiostats can be found relatively often in complete feedingstuffs/compound feedingstuffs for poultry due to an inevitable “cross-contamination” relatively frequently. Individual cases of the detection of non-compliant feedingstuffs were solved to in co-operation with the Central Institute for Supervising and Testing in Agriculture (hereinafter referred to as the “CISTA”); a number of repeated and targeted tests was performed and rectification measures, in particular a thorough cleansing of feed reservoirs and routes, were ordered.

The residues of unauthorised substances and other VMPs were not proven in any sample of complete and supplementary feedingstuffs, including complete feedingstuffs for individual species (rabbits, pigs and cattle) and categories of farm animals. In any of tested samples, the concentrations of contaminants (chemical elements, chlorinated hydrocarbons) did not exceed authorised hygiene limits; their levels were immeasurable in most samples. In one sample, the level of diazinon (organophosphorous insecticide) was near the action limit, after exceeding of which a search for the source of contamination would start. The limits set for mycotoxins were not exceeded in any sample.

The graphic expression of trends in the content of chemical elements in compound feedingstuffs reflects almost stabilised content of arsenic, cadmium, lead and mercury at low levels with respect to specified limits. In lead and mercury, a decline in their content in complete feedingstuffs can be observed over time.

2.3. Water used for watering animals

Testing of water used for watering farm animals is performed to detect possible administration of unauthorised medicinal products. Such testing is performed only in the case of a justified suspicion or within the targeted back-tracing of positive findings in farm animals or, by random sampling. In the year 2017, totally 5 samples of water were tested for the presence of unauthorised or prohibited substances. Measurable concentrations were not detected in any case which means that residues indicating an illegal use of such substances were not detected.

Map	Sampling of water used for watering farm animal	p. 34
Table	Results for water used for watering farm animals	p. 35

3. Foodstuffs of animal origin

Samples for the detection of residues of unauthorised substances were taken directly on farms (blood, urine, hairs and feathers), samples of raw materials and foodstuffs were taken at manufacturers, processors or distributors. Raw milk samples were taken on farms from collection tanks, eggs at sorting and packing centres, honey at collection centres or at honey processing plants.

3.1. Milk

Within the monitoring, pooled samples of raw cow's milk were taken on farms; raw sheep and goat's milk was sampled only in areas where a higher number of sheep or goats is kept.

3.1.1. Raw cow's milk

Most of analytes for which milk is tested were not detected in raw cow's milk at measurable levels. No levels of chemical elements, chlorinated pesticides, organophosphorous insecticides, mycotoxins (aflatoxin M1); residues of drugs or unauthorised substances exceeding limits were detected. Only one sample of raw cow's milk contained PCB (14 $ng.g^{-1}$ of fat), testing of all other samples was negative.

Map	Sampling of raw cow's milk	p. 36
Table	Results for raw cow's milk (3 sheets)	p. 37-39
Graph	The average content of PCB sum in raw cow's milk (1998-2017)	p. 40

3.1.2. Raw sheep and goat's milk

No levels of monitored chemical elements, pesticide residues and polychlorinated biphenyls (PCB) and dioxins exceeding limits were detected in the samples of raw sheep and goat's milk. All measurable concentrations of monitored substances were safely under specified limits. The residues of unauthorised medicinal products and aflatoxin M1 were not found at measurable concentrations.

Map	Sampling of raw sheep milk	p. 41
Table	Results for raw sheep milk (2 sheets)	p. 42-43
Map	Sampling of raw goat's milk	p. 44
Table	Results for raw goat's milk (2 sheets)	p. 45-46
Graph	The average content of PCB sum in raw sheep and goat's milk (2000-2017)	p. 40

3.2. Hen eggs

No residues of VMPs and additives (coccidiostats) were detected in samples of hen eggs at measurable concentrations. The content of dioxins and PCB was at the threshold of measurability.

Map	Sampling of hen eggs	p. 47
Table	Results for hen eggs (2 sheets)	p. 48-49

3.3. Quail's eggs

No measurable concentrations of chlorinated pesticides and polychlorinated biphenyls (PCB) were found in quail eggs. In one sample of quail's eggs, the concentration of lasalocid (an additive substance – coccidiostat) exceeding limit was detected; an increased concentration of salinomycin was detected in another sample; however, after the calculation of measurement uncertainty, the detected level complied with hygiene limit.

Map	Sampling of quail's eggs	p. 50
Table	Results for quail's eggs (2 sheets)	p. 51-52

3.5. Honey

The samples of honey from the national production intended for analyses for residues and contaminants were taken at honey collection centres, honey processing plants or at bee keepers with a direct sale of honey to consumers. No measurable concentrations of chlorinated pesticides, polychlorinated biphenyls (PCB), insecticides, pyrethroids and veterinary drugs, including unauthorised substances (chloramphenicol, nitrofurans), were detected. It is the same favourable situation as in the last year, as well as in previous years. The content of chemical elements was low, measurable concentrations of cadmium and lead were detected in part of samples, all under 50 % of limits.

Map	Sampling of honey	p. 53
Table	Results for honey (2 sheets)	p. 54-55
Graph	The average content of cadmium and lead in honey (1992-2016)	p. 56

4. Farm animals

Samples of blood, urine and hairs or feathers (for the detection of the use of unauthorised substances having a hormonal action) were taken from slaughter animals on farms; tissue samples for the detection of contaminants and residues, including unauthorised substances having a hormonal or sedative action and growth promoters, were taken from slaughtered animals at slaughterhouses.

4.1. Bovine animals

4.1.1. Calves

The level of tilmicosin (an antimicrobial) residues exceeding limit was detected in muscle sample of one calf. An on-the spot enquiry revealed the use of a higher dose of the drug per weight unit, i.e. out of accord with the leaflet information ("off-label use"). One liver sample and two kidney samples contained mercury at the concentration exceeding the MRL of 0.01 $mg.kg^{-1}$ mentioned in Regulation (EC) of the European Parliament and of the Council No 396/2005 (on pesticide residues). An on-the-spot enquiry did not reveal the source of contamination. The concentrations of all other monitored residues and contaminants safely complied with established limits in all samples. Analyses of urine, blood serum, inner fat and hairs did not prove the use of growth promoters and other unauthorised drugs.

Map	Sampling of calves	p. 57
Table	Results for calves (7 sheets)	p. 58-64

4.1.2. Young bovine animals under 2 years of age (fattening)

The content of chemical elements (cadmium, lead, mercury and arsenic) in muscle samples complied with hygiene limits. In one kidney sample, the concentration of mercury was above the limit established in Regulation (EC) of the European Parliament and of the Council No 396/2005, as amended, which concerns MRLs for pesticides after their use in accordance with good agricultural practice, and which is of 0.01 $mg.kg^{-1}$. Maximum limits are established at the detection threshold – the limit of quantitation (LOQ). The reason of increased levels of mercury with respect to the maximum limit was not proven unambiguously; however, there was a suspicion on the contamination with mercury from vaccines containing ethyl-mercury (thiomersal).

The levels of chlorinated pesticides and residues of organophosphorous insecticides complied with maximum limits in all cases; all levels fell into an interval under 50 % of specified limits. The content of polychlorinated biphenyls (PCB) was assessed pursuant to maximum limits issued in Commission Regulation (EU) No 1259/2011 (in force since 1 January 2012). In two muscle samples, the levels of PCB at the threshold of the maximum limit were detected; however, after the calculation of measurement uncertainty, the samples complied, as well as one sample containing a measurable concentration of dioxin sum and NDL-PCB. The reason of the contamination of young bulls and heifers were most probably old paints containing PCBs used on partitions of stable boxes in non-sufficiently sanitised old stables. Targeted testing for PCB content verifies the state of cattle contamination on holdings where restrictions on the movement of animals have been established by emergency veterinary measures (each animal slaughtered at a designated slaughterhouse must be tested for PCB content).

Aflatoxins were not detected at measurable concentrations in liver samples. The residues of VMPs, unauthorised drugs and substances having a hormonal action were detected neither in live animals (blood, urine, hairs), nor in tissues of slaughtered young bovine animals. The only exception were the residues of ibuprofen (a nonsteroidal anti-inflammatory drug) in muscle of a young bovine fattening animal. A drug unauthorised for the use in food producing farm animals was concerned. An on-the-spot enquiry (on holding and at slaughterhouse) did not reveal the source of contamination. However, the drug is often used in human medicine and the contamination of bovine muscle tissue by attending staff cannot be excluded.

Concentrations of dioxin sum and DL-PCB at the threshold of the maximum limit were detected in one muscle sample; however, after the calculation of measurement uncertainty, the sample complied. In one urine sample, an increased concentration of 17-alpha-19-nortestosterone was detected. An on-the-spot enquiry did not prove the use of an unauthorised synthetic hormone.

Map	Sampling of young bovine animals under 2 years of age	p. 65
Table	Results for young bovine animals under 2 years of age (8 sheets)	p. 66-73
Graph	The average content of chemical elements in liver of young bovine animals under 2 years of age (1992-2017)	p. 74
Graph	The average content of chemical elements in kidney of young bovine animals under 2 years of age (1990-2017)	p. 75
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2017)	p. 40

4.1.3. Cows

Concentrations of cadmium exceeding specified limits were detected in cow kidney samples in three cases. A higher concentration of mercury was detected in another three cases; however, after the calculation of measurement uncertainty, two of these samples complied with the maximum limit. Based on risk analysis performed by the Institute for the State Control of Veterinary Biologicals and Medicines (hereinafter referred to as the “ISCVBM”) with respect to consumed amount of beef (or pork) offal, the respective level ensuring health safety would have been in the case of kidney the same as the maximum limit – 0.01 $mg.kg^{-1}$. In such case, all kidney samples would have complied.

The residues of VMPs, unauthorised medicinal substances, chlorinated pesticides, organophosphorous insecticides and aflatoxins complied with hygiene limits and did not reach 50 % levels of hygiene limits in vast majority of cases. In urine, blood, perirenal fat and hairs, no signs of the use of unauthorised medicinal substances were proven.

Targeted testing for the content of PCB continued on two farms where restrictions on the movement of animals had been established by emergency veterinary measures (testing of each slaughtered animal for PCB content and assessment whether the meat was fit for human consumption pursuant to the maximum limit of 40 $ng.g^{-1}$ of fat).

Map	Sampling of cows	p. 76
Table	Results for cows (7 sheets)	p. 77-83

4.2. Sheep and goats

No levels exceeding established limits were detected in samples of goat's muscle, liver and kidney. No traces of unauthorised drugs were detected in goat's urine and perirenal fat, no levels of chemical elements exceeding limits were detected in muscle and liver of sheep. Sheep kidney contained cadmium residues exceeding limit. Levels of dioxins, dioxin sum and DL-PCB were detected in sheep liver from one farm. No residues of unauthorised substances having a hormonal action, veterinary medicinal products and unauthorised drugs were detected in any of tested sheep and goat tissue sample, including urine, at measurable concentrations.

Map	Sampling of sheep	p. 84
Table	Results for sheep (5 sheets)	p. 85-89
Map	Sampling of goats	p. 90
Table	Results for goats (3 sheets)	p. 91-93

4.3. Pigs

4.3.1. Fattening pigs

All samples of pig meat and liver complied with limits for all detected analytes, including residues of veterinary drugs. In muscle samples, no non-compliant concentrations of dioxins and DL-PCB, as well as contamination with PBDE, were detected. In five kidney samples, mercury content exceeding limit was detected. The limit for the maximum content of mercury is established in Regulation (EC) of the European Parliament and of the Council No 396/2005, as amended, which concerns MRLs for pesticides after their use in accordance with good agricultural practice, and which is of 0.01 $mg.kg^{-1}$. Maximum limits are established at the detection threshold – the limit of quantitation (LOQ). The reason of increased levels of mercury with respect to the maximum limit was not proven unambiguously; however, there was a suspicion on the contamination with mercury from vaccines containing ethyl-mercury (thiomersal).

No measurable concentrations of residues of unauthorised drugs were detected in pig's urine, hairs and internal fat. However, chloramphenicol (an antimicrobial, the use of which in food producing animals is prohibited) was detected in blood serum of one pig. Administrative proceedings concerning the issuance of emergency veterinary measures were initiated. Testing of further 9 blood serum samples from pigs from the same stable did not prove chloramphenicol.

The graphical expression of the average values of the content of chemical elements (heavy metals) documents, from the long-term viewpoint, a decreasing content of lead in liver and a stable low average content of mercury. In kidney, a decreasing trend of the average lead content is apparent, however, on the other hand, the content of cadmium does not show an unambiguous tendency, either towards an increase, or towards a decrease. The graphical expression of the average results of testing of pork for the content of DDT and PCB unambiguously documents constantly decreasing content of these contaminants.

Map	Sampling of pigs	p. 94
Table	Results for pigs (7 sheets)	p. 95-101
Graph	The average content of chemical elements in liver of pigs (1990(1)-2017)	p. 102
Graph	The average content of chemical elements in kidney of pigs (1990(1)-2017)	p. 103
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2017)	p. 40

4.3.2. Sows

Testing of muscle, liver and kidney samples was focused on the residues of VMPs, in particular antimicrobials. The residues of sulphamethoxazole were proven in muscle and kidney in one case. In addition to that, the residues of trimethroprim were detected in muscle, liver and kidney of the same animal. An on-the-spot enquiry detected the

breach of rules for handling a medicated compound feedingstuff intended for another age category of pigs. The residues of benzylpenicilin were detected in kidney in another case. An enquiry detected that the relevant withdrawal period was complied with. Testing of two another slaughtered sows did not detect any residues of VMPs.

Map	Sampling of sows	p.104
Table	Results for sows (3 sheets)	p. 105-107

4.4. Poultry

The samples of poultry and waterfowl were taken at poultry slaughterhouses at slaughter weight or directly on farms before the planned time of slaughtering.

4.4.1. Poultry

No levels of monitored residues of veterinary drugs (including unauthorised substances) and contaminants exceeding limits were found in chicken broiler muscle and liver samples; unauthorised veterinary drugs were not detected in samples of feathers and blood serum as well as. Measurable concentrations of coccidiostats were not detected in muscle and liver samples practically.

Muscle and liver samples of culled laying hens complied with limits for all monitored residues and contaminants. No concentrations of chemical elements exceeding maximum permitted levels were found in muscle and liver samples of turkeys; the detected levels were very low. The content of chlorinated pesticides and polychlorinated biphenyls (PCB) safely met the levels of maximum limits. The residues of veterinary drugs and additives were not proven at the levels exceeding limits. No residues of drugs, the use of which is prohibited in food producing animals, were detected in turkey blood serum and feathers.

Map	Sampling of chicken	p. 108
Table	Results for chicken (5 sheets)	p. 109-113
Map	Sampling of hens	p.114
Table	Results for hens (4 sheets)	p. 115-118
Map	Sampling of turkeys	p. 119
Table	Results for turkeys (4 sheets)	p. 120-123

4.4.2. Waterfowl

No residues of veterinary medicinal products or additives (coccidiostats) were detected in muscle and liver of waterfowl (mainly ducks) at measurable concentrations. As in the previous years, no residues of chlorinated pesticides and PCB were detected. The content of chemical elements was very low. Mycotoxins were not detected in liver samples at measurable levels.

Map	Sampling of waterfowl	p. 124
Table	Results for waterfowl (3 sheets)	p. 125-127

4.5. Ostriches

No levels of chemical elements and residues of chlorinated pesticides exceeding limits were found in muscle and liver samples of ostriches. The residues of drugs or unauthorised medicinal products were not found at measurable concentrations.

Map	Sampling of ostriches	p. 128
Table	Results for ostriches (3 sheets)	p. 129-131

4.6. Quails

Since the year 2016, no quails have been tested due to a significant decrease in the number of these animals intended for slaughter kept on the Czech holdings.

4.7. Rabbits

No levels of monitored chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding limits were found in muscle samples of domestic rabbits. No residues of additives and veterinary drugs were proven at measurable levels as well.

Map	Sampling of rabbits	p. 132
Table	Results for rabbits (3 sheets)	p. 133-135

4.8. Horses

Targeted testing of muscle, liver and kidney samples from food horses for the content of “heavy metals” (cadmium, lead, mercury) performed in the years 2014 and 2015 proved that liver and kidney of horses above 2 years of age slaughtered in the territory of the Czech Republic contained the level of cadmium exceeding limits – as compared with maximum limits established in Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs (cadmium: horse kidney – 1.0 $mg.kg^{-1}$, horse liver – 0.5 $mg.kg^{-1}$). From this reason, liver and kidney from horses above 2 years of age are confiscated (seized) – see Decree No 298/2007, as amended. The relevant national provisions are under the process of notification to the European Commission currently. The concentration of cadmium exceeding limit was detected in one horse muscle sample; in second case, its level complied after the calculation of measurement uncertainty.

No residues of drugs, including residues of unauthorised substances having a pharmacological effect, were detected in urine, blood serum and inner fat samples. Neither aflatoxins in liver, nor ochratoxin A in kidney were detected at measurable levels.

Map	Sampling of horses	p. 136
Table	Results for horses (5 sheets)	p. 137-141

4.9. Farmed cloven-hoofed animals

Game animals kept on farms are considered to be slaughter animals that are to be slaughtered at approved establishments or, under specified conditions, on farms using hunting weapons.

No concentrations of chlorinated pesticides, polychlorinated biphenyls (PCB) and additives (coccidiostats) were detected in muscle samples of such animals. Limit exceeding concentrations of lead were detected in two muscle samples from mouflons from the same farm. No concentrations of the residues of unauthorised substances having a hormonal action exceeding limits were detected in muscle and liver of farmed cloven-hoofed animals.

Map	Sampling of farmed cloven-hoofed animals	p. 142
Table	Results for farmed cloven-hoofed animals (3 sheets)	p. 143-145

4.10. Freshwater fish

The samples of mainly carps and trouts, but also of other fish species, originated from fish farming. In carps, no residues of unauthorised medicinal products and other drugs were detected. The contamination with hexachlorbenzene (HCB, a pesticide not used for many years) was detected in one carp muscle sample; however, after the calculation of measurement uncertainty, the sample complied. No residues of malachite green and its metabolic form, leucomalachite green (a drug unauthorised for fish intended for human consumption) were proven in any of tested carps.

As opposed to a favourable situation concerning the level of contamination in carps, the situation in farmed rainbow trouts is still warning. The residues of malachite green (MG) and its leuco-form (LMG) were detected on 4 holdings

(in 6 samples) where the concentrations exceeded the decision limit after exceeding of which the fish was unfit for human consumption (2.0 μg.kg^{-1}). These findings unambiguously indicate a non-discipline of trout fish keepers, both national and foreign (from which early stages of the fish were imported). It was necessary to start, in all cases, the performance of more frequent checks on relaying areas of the holdings concerned. Emergency veterinary measures were ordered and fish exceeding the limit of 2.0 μg.kg^{-1} could have not be placed on the market and had to be safely disposed of or kept under official supervision pending the decrease in these residues under a tolerable level.

As for another farmed fish species, neither the residues of malachite green (MG) and its leuco-form (LMG) above the decision limit of 2.0 μg.kg^{-1}, nor the residues of other monitored substances were detected. The content of chlorinated pesticides and PCB was very low and did not reach 50 % of hygiene limits. No non-compliant concentrations of dioxins and DL-PCB were detected in fish samples.

5. Wild game

The results of testing of muscle tissue of main wild game species are presented in this chapter. The muscle samples were taken mainly at game processing establishments. Whereas game animals shot using firearms with an ammunition containing **lead** are concerned, it is necessary to take the results of the detection of this element "with a pinch of salt" and with respect to a **possible contamination with projectiles**. Commission Regulation (EC) No 1881/2006 setting maximum levels (ML) for certain contaminants in foodstuffs, as amended, does not establish any ML for lead in meat and organs of wild game animals. From the viewpoint of the prevention of an unnecessary load of consumers with lead, veterinary administration authorities assessed levels of lead exceeding the action limit of 0.1 mg.kg^{-1} recommended by the Head of the Public Health Service as high, potentially threatening consumer health at a long-term consumption. Users of hunting districts, as well as producers of meat products from game meat, were informed of these findings. Measures taken after the detection of lead levels exceeding limit consisted in warning of operators of wild game handling establishments. Only in the cases when wild game meat is processed into wild game meat products (sausages, salami, etc.) veterinary inspectors shall take samples of these products for checks on lead content.

5.1. Pheasants and wild ducks

Concentrations of lead exceeding limit were detected in five wild duck muscle samples; the content of mercury exceeding limit was detected in one wild duck (mallard) muscle sample, as well as the content of PCB exceeding limit in muscle sample from a wild duck hunted near a chemical plant and premises of one of the largest landfill sites in the Czech Republic. The content of lead exceeding limit was detected in four pheasant muscle samples (the fifth pheasant muscle sample complied, after the calculation of measurement uncertainty). The contamination with lead due to hunting using lead containing ammunition was apparently concerned.

5.2. Hares

The levels of monitored chemical elements, residues of chlorinated pesticides and polychlorinated biphenyls (PCB) complied with hygiene limits in all analysed muscle tissue samples of brown hares. All values fell into an interval under 50 % of limits.

5.3. Wild boars (feral pigs)

The concentrations of lead exceeding limits were found in five muscle samples in total; the ammunition containing lead was concerned in these cases as well. Even though, the findings must be assessed as serious with respect to the consumer load with lead. Individual hunters' associations, as well as game meat processors, were warned thereof. It is essential that the sites damaged with shots (as well as other damaged tissues) are assessed as "blood trimmings" and contaminated tissues are removed from carcasses and seized (confiscated).

The residues of chlorinated pesticides did not exceed specified hygiene limits in any of tested samples. The concentration of PCB above maximum limit of 40 $ng.g^{-1}$ of fat established for domestic pigs was not detected in any sample. No maximum limits for dioxins and DL-PCB are established for this animal species. Currently it seems that the contamination of wild boars with dioxins and PCBs is very individual and depends on site (e.g. sites of industrial dumping grounds, former military training areas, etc.). Non-ortho and mono-ortho PCB (DL-PCB) congeners represented a higher proportion of the total dioxin and DL-PCB sum. A higher contamination of wild boars with dioxins, as compared with domestic pigs, results probably from a direct contact of wild boars with the soil contaminated with immissions containing dioxins. Polybrominated diphenyl-ethers (PBDE) were not proven.

In order to check whether wild boars (as non-target animals) can swallow medicated feedingstuffs intended for the treatment of parasitic diseases of deers and roe deers, we perform tests for the detection of ivermectin (in liver), mebendazole and rafoxanide (in muscle) residues. All 10 liver samples of wild boars tested in the year 2017 were negative for ivermectin; muscle samples tested for mebendazole and rafoxanide complied as well.

5.4. Other cloven-hoofed animals

In the group of other cloven-hoofed animals (excluding wild boars), deers, sika deers, fallow dears and roe deers were tested. No non-complying result was found in meat of these animals in the year 2017, all detected analytes were in an interval under 50 %, as in the previous year.

6. Testing for "dioxins"

Testing of selected samples for the presence of so-called "dioxins" (PCDD/F): polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs), as well as of 12 congeners of polychlorinated biphenyls which show toxicological characteristics similar to those of dioxins and so they are called dioxin-like PCB (DL-PCB) did not prove levels exceeding limits in any of tested samples. The results were assessed pursuant to the limits established in Commission Regulation (EC) No 1881/2006, as amended.

7. Conclusions

74 190 analyses in total were performed by the State Veterinary Administration of the Czech Republic within the monitoring of residues and contaminants in the year 2017 (i.e. by 3 000 more than in the year 2016), 69 586 from which as planned sampling, 392 as targeted tests of suspect samples and 1 083 as analyses of samples from other EU countries and 99 samples of commodities imported from third countries. The total percentage of **non-compliant findings** was of **0.11 %** in the year assessed, i.e. practically the same as in the previous year (0.12 % in the year 2016).

The application of unauthorised drugs *via* water used for watering farm animals was not proven. In feedingstuffs and feed materials of animal origin, non-compliant results were detected in 0.24 % – non-compliant concentrations of feed additives (coccidiostats) in compound feedingstuffs for broilers (narasin, nicarbazin, salinomycin) were concerned. Individual cases were solved to in co-operation with the CISTA. Neither the residues of unauthorised VMPs, nor an illegal treatment were proven in feedingstuffs for farm animals. Imported feeds complied with all applicable limits as well, except for one sample of tuna fish meal from Italy containing cadmium at the level exceeding limit. The fish meal were disposed of at a rendering plant.

Samples of raw sheep milk, goat's milk and cow's milk complied with specified limits in all cases. One sample of quail's eggs contained lasalocid (an additive substance, coccidiostat) in limit exceeding concentration. No non-compliant concentration of monitored residues and contaminants was detected in any sample of hen's eggs. Honey complied with specified limits for chemical elements, as well as for other monitored chemical substances. Residues of veterinary drugs were not detected in honey.

As for the residues of unauthorised substances, the residues of nortestosterone were detected in a heifer's urine and chloramphenicol in blood serum of a fattening pig. An on-the-spot enquiry on the cattle holding concerned did not prove the use of unauthorised substances; the same situation was in the case of the detection of chloramphenicol in blood serum of a fattening pig – the use was not proven. In the year 2017, residues of antimicrobials in muscle and organs of two sows (benzylpenicilin, trimethoprim, sulphamethoxazole) and in muscle of one calf (tilmicosin) were detected. Such findings mostly indicate non-compliance with withdrawal periods after last applications of the drugs concerned or the use of a dose higher than recommended in manufacturer's instructions (leaflet).

In freshwater fish (trout, brook trout, carp) farming, the residues of an unauthorised substance, malachite green (MG) or its leucoform, leucomalachite green (LMG), respectively, were proven again which was a long-term issue in farming of these fish, in particular of trouts. The concentration of these substances exceeded decision limit on four holdings. The fish were assessed as unfit for human consumption and their placing on the market was prohibited.

During several last years, non-compliant meat samples contaminated with PCB were detected in bovine and porcine animals kept in old stables where no decontamination of old paints and plasters containing PCB took place. In the year 2017, no new cases of contamination with PCB were recorded in bovine and porcine holdings. The only one finding of a high concentration of PCB in meat sample concerned a wild duck (mallard) hunted near a chemical plant and one of the largest landfill sites in the Czech Republic. In liver of one sheep (ram), the concentration of dioxin sum (WHO-PCDD/F), dioxin sum and PCB with dioxin effect (WHO-PCDD/F-PCB) exceeding limit was measured. Persistent organic pollutants present in environment, including contaminated soil at pastures, in particular near industrial areas, were concerned.

The content of chemical elements at concentrations exceeding maximum limits was measured in farm animals only in kidney or liver, respectively. In older milking cows and sheep (ewes), limit exceeding concentrations of cadmium were detected in kidney (3x in milking cows, 2x in ewes) which was related with its cumulation in a direct relation with the age of the animal concerned. Mercury exceeding limit was detected in calf kidney 2x and in calf liver 1x, as well as in cow and pig kidney. However, unique cases were concerned (as compared with previously detected numbers of non-compliant samples). Decrease in the number of limit-exceeding cases in pig kidney was also related with the replacement of a conservation substance (i.e. thiomersal, containing ethyl-mercury) in the preparation for immune-castration of barrows with a substance without mercury compounds.

No non-compliant results for all monitored residues and contaminants were detected in poultry and farmed waterfowl.

As for game animals, high levels of lead were detected whereas game animals hunted using guns with lead containing ammunition were concerned. From this reason, results of tests for the detection of this element should be taken with a "pinch of salt" with respect to a possible contamination with lead containing ammunition. With

respect to the prevention of an unnecessary load of consumers with lead, veterinary administration authorities assessed levels of lead exceeding the action limit of 0.1 $mg.kg^{-1}$ recommended by the Head of the Public Health Service as high, potentially threatening consumer health at a long-term consumption.

Because of a relatively low number of non-compliant samples detected, health safety of raw materials and foodstuffs of animal origin can be, with respect to the content of residues and contaminants, assessed as favourable. However, the detection of the residues of veterinary drugs – antimicrobials – must be still regarded as important, as well as the detection of prohibited colorants (malachite green) used for the treatment or prevention in farmed fish, in particular trouts. The fact that no new bovine and porcine holdings with a persistent contamination with polychlorinated biphenyls (PCB) were recorded could be assessed as positive. As regards the decontamination and removal of old paints containing PCB, consistent checks and extensive information campaign organised and performed by the SVA contributed to the improvement of the state in bovine and porcine holdings.

www.svscr.cz

Technical preparation of the publication:
Central Veterinary Administration of the State Veterinary Administration
Department of Information and Communication Technologies
Division of Laboratory Diagnostics Support
Ostašovská 521, 460 11 Liberec 11

General overview of the examination for residues according to commodities and sampling reasons in the year 2016

Commodity	Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish	**4 379**	**550**	**12,56**	**32**	**0,73**
Monitoring	3 949	526	13,32	25	0,63
Indicated sampling	65	23	35,38	7	10,77
Intracommunitary EU trade	365	1	0,27	0	0,00
Import in EU	0	0	0,00	0	0,00
Farm animals	**53 377**	**1 224**	**2,29**	**44**	**0,08**
Monitoring	52 808	1 157	2,19	36	0,07
Indicated sampling	186	56	30,11	8	4,30
Intracommunitary EU trade	383	11	2,87	0	0,00
Import in EU	0	0	0,00	0	0,00
Foodstuffs of animal origin	**7 873**	**180**	**2,29**	**3**	**0,04**
Monitoring	7 768	177	2,28	2	0,03
Indicated sampling	13	3	23,08	1	7,69
Intracommunitary EU trade	74	0	0,00	0	0,00
Import in EU	18	0	0,00	0	0,00
Animal feed	**5 477**	**744**	**13,58**	**7**	**0,13**
Monitoring	4 996	623	12,47	7	0,14
Indicated sampling	22	9	40,91	0	0,00
Intracommunitary EU trade	409	94	22,98	0	0,00
Import in EU	50	18	36,00	0	0,00
Waters	**74**	**0**	**0,00**	**0**	**0,00**
Monitoring	65	0	0,00	0	0,00
Indicated sampling	9	0	0,00	0	0,00

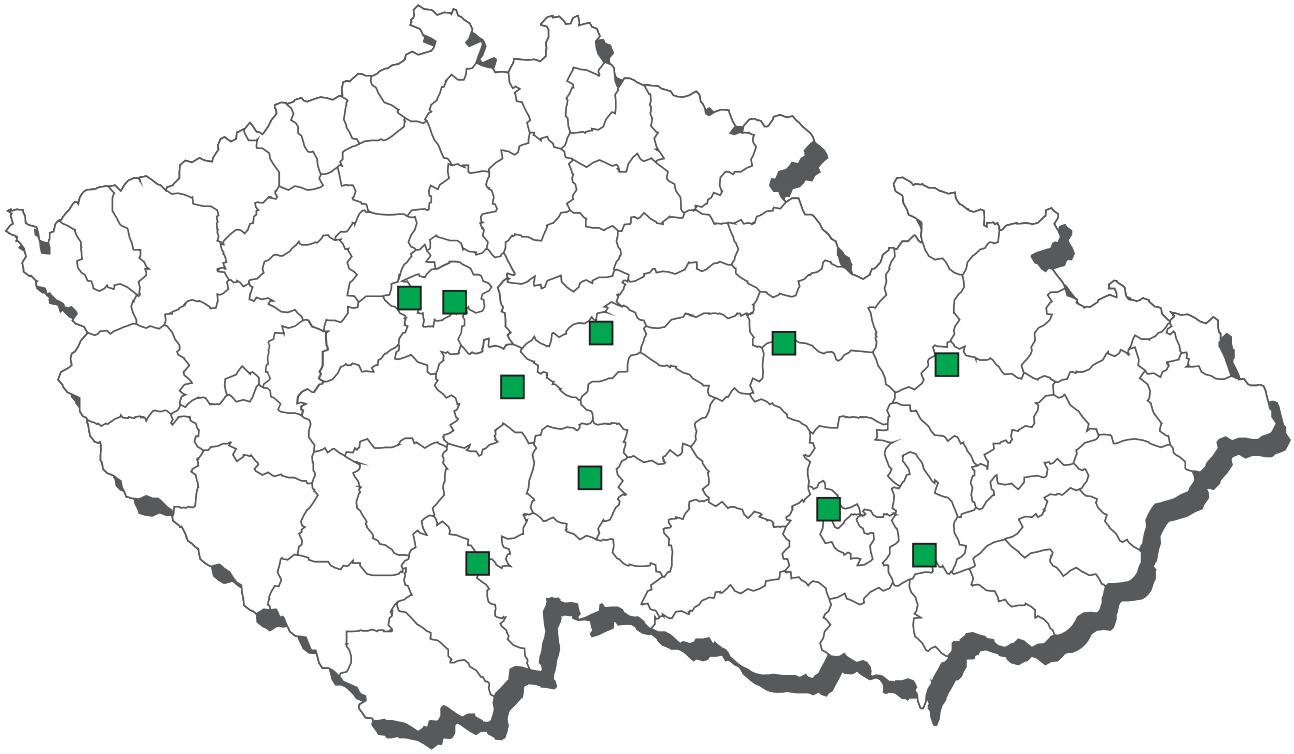
Total all samples	**71 180**	**2 698**	**3,79**	**86**	**0,12**
Monitoring	**69 586**	**2 483**	**3,57**	**70**	**0,10**
Indicated sampling	**295**	**91**	**30,85**	**16**	**5,42**
Intracommunitary EU trade	**1 231**	**106**	**8,61**	**0**	**0,00**
Import in EU	**68**	**18**	**26,47**	**0**	**0,00**

General overview of the examination for residues according to commodities and sampling reasons in the year 2017

Commodity		Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish		**4 425**	**568**	**12,84**	**34**	**0,77**
	Monitoring	4 072	560	13,75	34	0,83
	Indicated sampling	32	5	15,63	0	0,00
	Intracommunitary EU trade	321	3	0,93	0	0,00
	Import in EU	0	0	0,00	0	0,00
Farm animals		**55 051**	**1 317**	**2,39**	**37**	**0,07**
	Monitoring	54 190	1 067	1,97	37	0,07
	Indicated sampling	320	169	52,81	0	0,00
	Intracommunitary EU trade	474	59	12,45	0	0,00
	Import in EU	67	22	32,84	0	0,00
Foodstuffs of animal origin		**9 667**	**169**	**1,75**	**2**	**0,02**
	Monitoring	9 573	167	1,74	2	0,02
	Indicated sampling	2	2	100,00	0	0,00
	Intracommunitary EU trade	74	0	0,00	0	0,00
	Import in EU	18	0	0,00	0	0,00
Animal feed		**4 973**	**676**	**13,59**	**12**	**0,24**
	Monitoring	4 716	599	12,70	11	0,23
	Indicated sampling	29	15	51,72	0	0,00
	Intracommunitary EU trade	214	50	23,36	1	0,47
	Import in EU	14	12	85,71	0	0,00
Waters		**74**	**0**	**0,00**	**0**	**0,00**
	Monitoring	65	0	0,00	0	0,00
	Indicated sampling	9	0	0,00	0	0,00

Total all samples		**74 190**	**2 730**	**3,68**	**85**	**0,11**
	Monitoring	**72 616**	**2 393**	**3,30**	**84**	**0,12**
	Indicated sampling	**392**	**191**	**48,72**	**0**	**0,00**
	Intracommunitary EU trade	**1 083**	**112**	**10,34**	**1**	**0,09**
	Import in EU	**99**	**34**	**34,34**	**0**	**0,00**

CL 2017 - sampling of fish meals



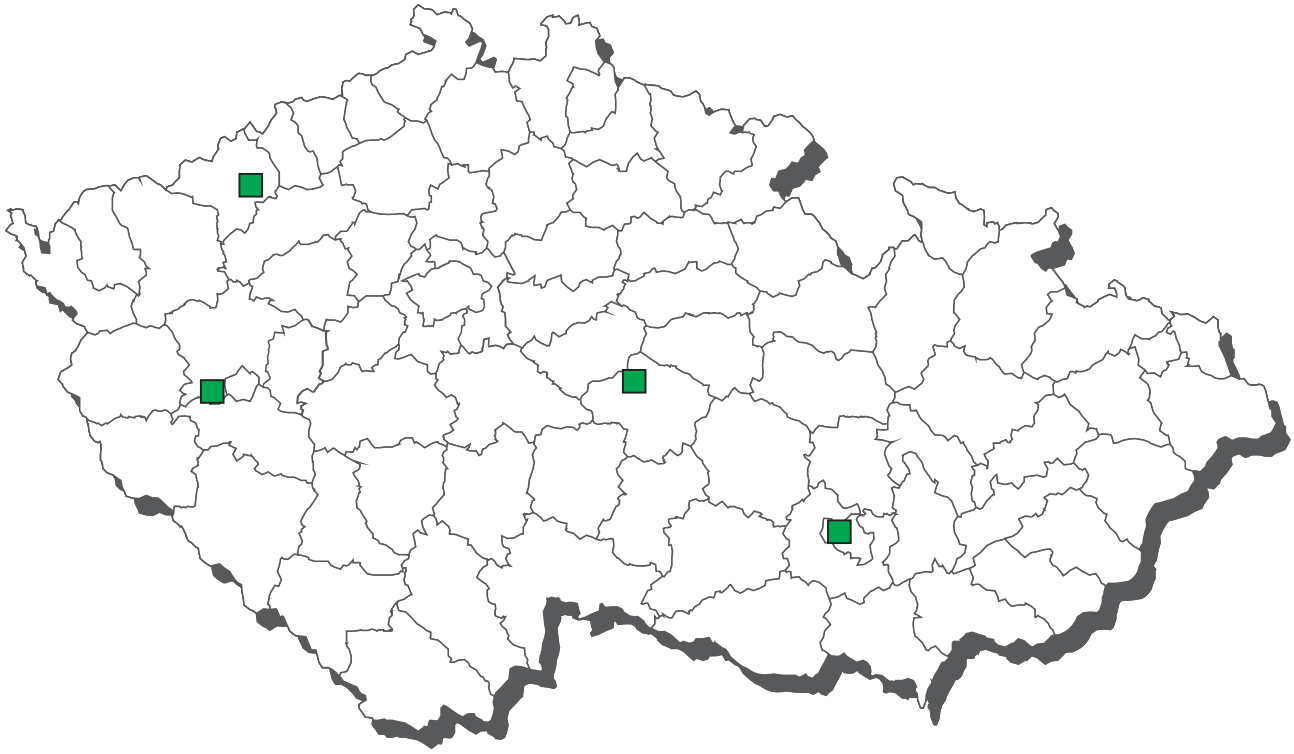
fish meals - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	9	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a chlordan	9	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a DDT (sum)	9	3	33,3	0	0,0	0,00245	n.d.	0,00622	0,01190	mg/kg 12% moisture
B3a dieldrin	9	0	0,0	0	0,0	0,00022	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,63000	0,63000	0,63000	0,63000	ng/kg 12% moisture
B3a WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	1,26000	1,26000	1,26000	1,26000	ng/kg 12% moisture
B3a endrin	9	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg 12% moisture
B3a endosulfan (sum)	9	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a hexachlorbenzen	9	2	22,2	0	0,0	0,00030	n.d.	0,00064	0,00120	mg/kg 12% moisture
B3a heptachlor	9	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a alfa-HCH	9	0	0,0	0	0,0	0,00017	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a beta-HCH	9	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a gama-HCH (lindan)	9	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a 2,4,4'-TriBDE	1	1	100,0	0	0,0	0,00630	0,00630	0,00630	0,00630	ng/g
B3a 2,2',4,4'-TetraBDE	1	1	100,0	0	0,0	0,17000	0,17000	0,17000	0,17000	ng/g
B3a 2,2',4,4',5-PentaBDE	1	1	100,0	0	0,0	0,03070	0,03070	0,03070	0,03070	ng/g
B3a 2,2',4,4',6-PentaBDE	1	1	100,0	0	0,0	0,04910	0,04910	0,04910	0,04910	ng/g
B3a 2,2',4,4',5,5'-HexaBDE	1	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3a 2,2',4,4',5,6'-HexaBDE	1	1	100,0	0	0,0	0,03380	0,03380	0,03380	0,03380	ng/g
B3a 2,2',3,4,4',5',6-HeptaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3a sum PCB	10	1	10,0	0	0,0	0,46000	n.d.	0,46000	1,90000	ng/g 12% moisture
B3a toxaphene (sum)	9	0	0,0	0	0,0	0,00071	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3c arsenic inorganic	14	1	7,1	0	0,0	0,05121	n.d.	n.d.	0,26200	mg/kg 12% moisture
B3c arsenic	23	23	100,0	0	0,0	6,11539	5,13000	10,64800	13,80000	mg/kg 12% moisture
B3c cadmium	9	9	100,0	1	11,1	0,47656	0,14800	1,13960	2,61000	mg/kg 12% moisture
B3c mercury	23	23	100,0	0	0,0	0,13515	0,10970	0,24660	0,33400	mg/kg 12% moisture
B3c methylmercury	14	11	78,6	0	0,0	0,07679	0,06900	0,15430	0,18200	mg/kg 12% moisture
B3c nikl	1	1	100,0	0	0,0	0,30000	0,30000	0,30000	0,30000	mg/kg 12% moisture
B3c lead	9	5	55,6	0	0,0	0,17122	0,02100	0,66400	0,68000	mg/kg 12% moisture
B3c tin	14	10	71,4	0	0,0	0,05275	0,01700	0,14340	0,31600	mg/kg 12% moisture
B3f WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,42133	0,31700	0,66260	0,74900	ng/kg 12% moisture
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	1,02633	0,91400	1,51080	1,66000	ng/kg 12% moisture
B3f 2,4,4'-TriBDE	3	3	100,0	0	0,0	0,01283	0,01130	0,01834	0,02010	ng/g
B3f 2,2',4,4'-TetraBDE	3	3	100,0	0	0,0	0,23333	0,23800	0,28520	0,29700	ng/g
B3f 2,2',4,4',5-PentaBDE	3	3	100,0	0	0,0	0,04420	0,04840	0,05304	0,05420	ng/g
B3f 2,2',4,4',6-PentaBDE	3	3	100,0	0	0,0	0,06060	0,05690	0,07170	0,07540	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	2	66,7	0	0,0	0,00852	0,00990	0,01078	0,01100	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	3	100,0	0	0,0	0,04597	0,04470	0,05278	0,05480	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f sum PCB	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg 88% dry matter

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a chlordan	MRL - 0,02 mg/kg 12% moisture	9	0	0	0	0	0
B3a DDT (sum)	MRL - 0,05 mg/kg 12% moisture	9	0	0	0	0	0
B3a endrin	MRL - 0,01 mg/kg 12% moisture	9	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,1 mg/kg 12% moisture	9	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,01 mg/kg 12% moisture	9	0	0	0	0	0
B3a heptachlor	MRL - 0,01 mg/kg 12% moisture	9	0	0	0	0	0
B3a alfa-HCH	MRL - 0,02 mg/kg 12% moisture	9	0	0	0	0	0
B3a beta-HCH	MRL - 0,01 mg/kg 12% moisture	9	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,2 mg/kg 12% moisture	9	0	0	0	0	0
B3a toxaphene (sum)	MRL - 0,2 mg/kg 12% moisture	9	0	0	0	0	0
B3c arsenic inorganic	AL - 2 mg/kg 12% moisture	14	0	0	0	0	0
B3c arsenic	ML - 25 mg/kg 12% moisture	21	2	0	0	0	0
B3c cadmium	ML - 2 mg/kg 12% moisture	8	0	0	1	0	0
B3c mercury	ML - 0,5 mg/kg 12% moisture	21	2	0	0	0	0
B3c methylmercury	AL - 0,4 mg/kg 12% moisture	14	0	0	0	0	0
B3c lead	ML - 10 mg/kg 12% moisture	9	0	0	0	0	0
B3c tin	AL - 10 mg/kg 12% moisture	14	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 1,25 ng/kg 12% moisture	2	1	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 4 ng/kg 12% moisture	3	0	0	0	0	0
B3f sum PCB	ML - 10 µg/kg 88% dry matter	3	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
cadmium			
14.8.2017	Přerov	Itálie	2,61 mg/kg 12% moisture

CL 2017 - sampling of feed materials of animal origin



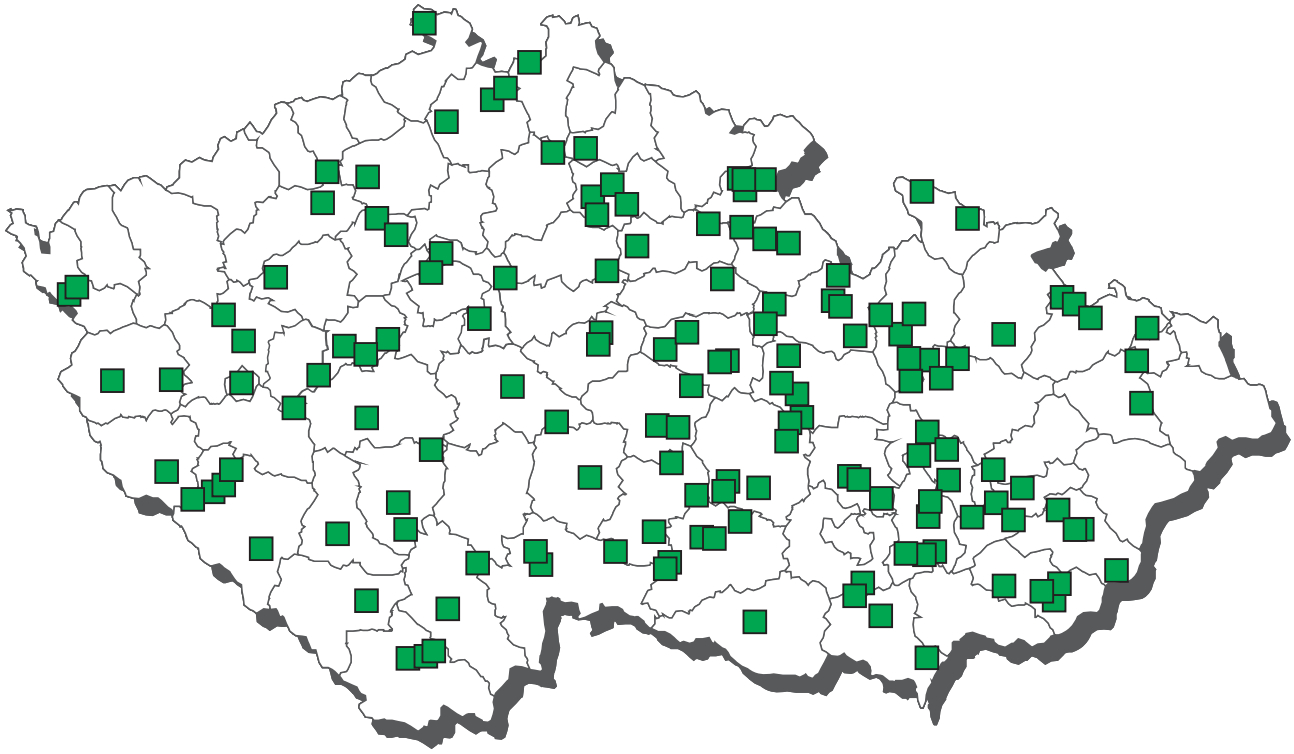
feed materials of animal origin - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3f WHO-PCDD/F-TEQ	4	4	100,0	0	0,0	0,50825	0,22950	1,03280	1,37000	ng/kg 12% moisture
B3f WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	1,09300	0,73800	1,96860	2,46000	ng/kg 12% moisture
B3f 2,4,4'-TriBDE	4	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	4	4	100,0	0	0,0	0,06563	0,05985	0,09926	0,11000	ng/g
B3f 2,2',4,4',5-PentaBDE	4	4	100,0	0	0,0	0,07703	0,07485	0,11470	0,11800	ng/g
B3f 2,2',4,4',6-PentaBDE	4	3	75,0	0	0,0	0,01463	0,01640	0,02037	0,02070	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	4	4	100,0	0	0,0	0,06373	0,06580	0,10319	0,11000	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	4	3	75,0	0	0,0	0,02548	0,02705	0,03989	0,04280	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	4	4	100,0	0	0,0	0,30890	0,24100	0,59730	0,73500	ng/g
B3f sum PCB	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg 88% dry matter

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3f WHO-PCDD/F-TEQ	ML - 1,5 ng/kg 12% moisture	3	0	1	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 2 ng/kg 12% moisture	3	0	0	1*	0	0
B3f sum PCB	ML - 10 µg/kg 88% dry matter	4	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

CL 2017 - sampling of complete and supplementary feedingstuffs



complete and supplementary feedingstuffs - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	52	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a chlordan	52	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a DDT (sum)	52	2	3,8	0	0,0	0,00050	n.d.	n.d.	0,00230	mg/kg 12% moisture
B3a endrin	52	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg 12% moisture
B3a endosulfan (sum)	52	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a hexachlorbenzen	52	1	1,9	0	0,0	0,00029	n.d.	n.d.	0,00080	mg/kg 12% moisture
B3a heptachlor	52	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a alfa-HCH	52	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a beta-HCH	52	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a gama-HCH (lindan)	52	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a sum PCB	52	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g 12% moisture
B3a toxaphene (sum)	52	0	0,0	0	0,0	0,00081	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3b chlorpyrifos	72	2	2,8	0	0,0	0,00186	n.d.	n.d.	0,02100	mg/kg 12% moisture
B3b chlorpyrifos-methyl	72	13	18,1	0	0,0	0,00564	n.d.	0,01090	0,07000	mg/kg 12% moisture
B3b deoxinivalenol	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg/kg 88% dry matter
B3b diazinone	72	1	1,4	0	0,0	0,00188	n.d.	n.d.	0,01800	mg/kg 12% moisture
B3b malathion	72	0	0,0	0	0,0	0,00249	n.d.	n.d.	0,00500	mg/kg 12% moisture
B3b ochratoxin A	1	1	100,0	0	0,0	0,27000	0,27000	0,27000	0,27000	µg/kg 88% dry matter
B3b phorate	72	0	0,0	0	0,0	0,00234	n.d.	n.d.	0,00500	mg/kg 12% moisture
B3b pyrimiphosmethyl	72	14	19,4	0	0,0	0,00717	n.d.	0,00880	0,26900	mg/kg 12% moisture
B3b aflatoxin B2	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg 88% dry matter
B3b zearalenone	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg 88% dry matter
B3c arsenic	64	61	95,3	0	0,0	0,18823	0,07800	0,38010	2,61000	mg/kg 12% moisture
B3c cadmium	64	64	100,0	0	0,0	0,05059	0,04050	0,07300	0,36200	mg/kg 12% moisture
B3c mercury	64	47	73,4	0	0,0	0,00225	0,00100	0,00337	0,05060	mg/kg 12% moisture
B3c nikl	64	64	100,0	0	0,0	1,44998	1,29800	2,46800	5,64000	mg/kg 12% moisture
B3c lead	64	62	96,9	0	0,0	0,15128	0,09000	0,34390	0,88300	mg/kg 12% moisture
B3d deoxinivalenol	52	26	50,0	0	0,0	178,43077	79,70000	365,05000	1191,00000	µg/kg 88% dry matter
B3d ochratoxin A	52	24	46,2	0	0,0	0,87538	n.d.	1,94500	19,91000	µg/kg 88% dry matter
B3d aflatoxin B2	52	5	9,6	0	0,0	0,13383	n.d.	n.d.	0,32000	µg/kg 88% dry matter
B3d zearalenone	52	9	17,3	0	0,0	14,57615	n.d.	25,00000	50,70000	µg/kg 88% dry matter

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (sum)	MRL - 0,01 mg/kg 12% moisture	52	0	0	0	0	0
B3b diazinone	AL - 0,02 mg/kg 12% moisture	71	0	1	0	0	0
B3b phorate	AL - 0,05 mg/kg 12% moisture	72	0	0	0	0	0
B3b pyrimiphosmethyl	AL - 5 mg/kg 12% moisture	72	0	0	0	0	0
B3c arsenic	ML - 2 mg/kg 12% moisture	62	1	0	1*	0	0
B3c cadmium	ML - 0,5 mg/kg 12% moisture	63	1	0	0	0	0
B3c mercury	ML - 0,1 mg/kg 12% moisture	63	1	0	0	0	0
B3c lead	ML - 5 mg/kg 12% moisture	64	0	0	0	0	0
B3d deoxinivalenol	AL - 8000 µg/kg 88% dry matter	52	0	0	0	0	0
B3d ochratoxin A	AL - 250 µg/kg 88% dry matter	52	0	0	0	0	0
B3d aflatoxin B2	MRL - 10 µg/kg 88% dry matter	52	0	0	0	0	0
B3d zearalenone	AL - 2000 µg/kg 88% dry matter	52	0	0	0	0	0

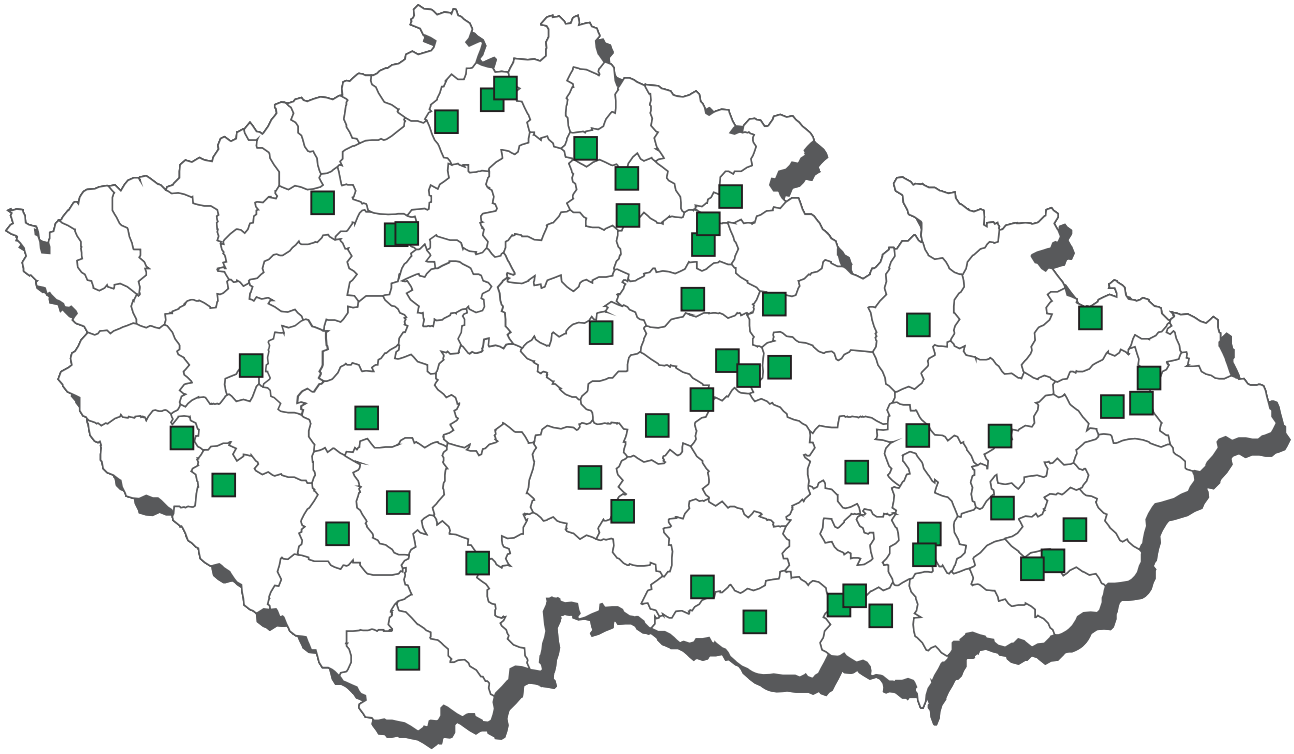
* complementary feed - (ML 4 mg/kg) the sample is compliant

complete and supplementary feedingstuffs - suspect samples

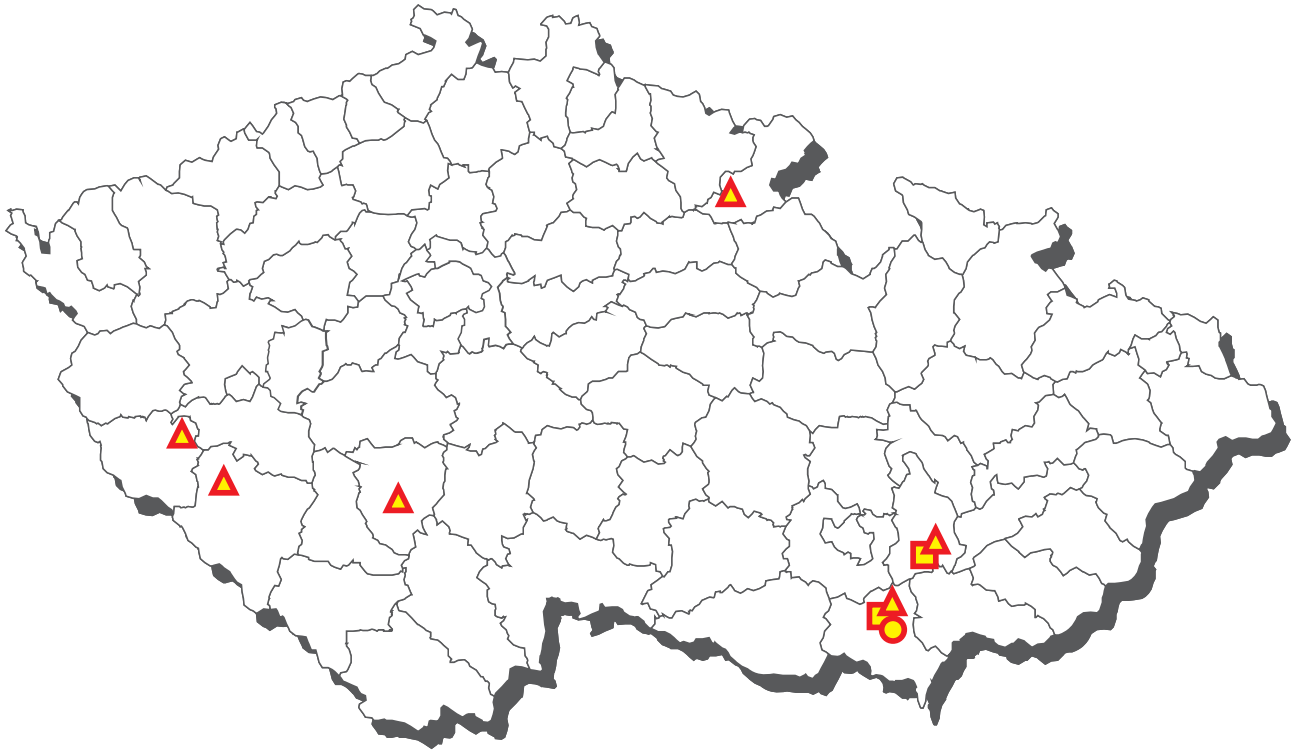
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	2	2	100,0	0	0,0	0,05850	0,05850	0,06050	0,06100	mg/kg 12% moisture
B3c mercury	3	3	100,0	0	0,0	0,00183	0,00190	0,00262	0,00280	mg/kg 12% moisture

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	ML - 0,5 mg/kg 12% moisture	2	0	0	0	0	0
B3c mercury	ML - 0,1 mg/kg 12% moisture	3	0	0	0	0	0

CL 2017 - sampling of compound feedingstuffs for poultry



Compound feedingstuffs for poultry - non-compliant results 2017



compound feedingstuffs for poultry - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 carnidazol	10	0	0,0	0	0,0	8,10000	n.d.	n.d.	8,10000	µg/kg
A6 dimetridazole	10	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A6 ipronidazole	10	0	0,0	0	0,0	1,20000	n.d.	n.d.	1,20000	µg/kg
A6 metronidazole	10	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A6 ornidazol	10	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A6 ronidazole	10	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A6 secnidazol	10	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A6 ternidazol	10	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg/kg
A6 tinidazol	10	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
B1 sulfachlorpyridazine	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfadimidine	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfadimethoxine	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfadoxine	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfamerazine	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfamethoxydiazine	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfaquinoxaline	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfathiazole	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfamethoxazole	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1 sulfadiazine	15	0	0,0	0	0,0	196,66667	n.d.	n.d.	250,00000	µg/kg 12% moisture
B2b decoquinat	64	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b diclazuril	64	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg 12% moisture
B2b halofuginone	64	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b lasalocid	64	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b maduramicin	64	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b monensin	64	3	4,7	0	0,0	0,06583	n.d.	n.d.	0,45000	mg/kg 12% moisture
B2b narasin	63	11	17,5	**2**	**3,2**	0,60667	n.d.	4,04020	5,00000	mg/kg 12% moisture
B2b narasin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b nicarbazin	9	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b nicarbazin	55	3	5,5	**1**	**1,8**	0,14100	n.d.	n.d.	4,47800	mg/kg 12% moisture
B2b robenidin	64	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b salinomycin	64	25	39,1	**8**	**12,5**	0,60439	n.d.	1,14530	13,44200	mg/kg 12% moisture
B2b semduramicin	64	0	0,0	0	0,0	0,03242	n.d.	n.d.	0,05000	mg/kg 12% moisture

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b lasalocid	MRL - 1,25 mg/kg	64	0	0	0	0	0
B2b monensin	MRL - 3,75 mg/kg	64	0	0	0	0	0
B2b narasin	MRL - 0,7 mg/kg	56	0	5	0	0	**2**
B2b nicarbazin	MRL - 3,75 mg/kg	9	0	0	0	0	0
B2b nicarbazin	MRL - 1,25 mg/kg	54	0	0	0	0	**1**
B2b salinomycin	MRL - 0,7 mg/kg	50	4	2	**1**	**2**	**5**

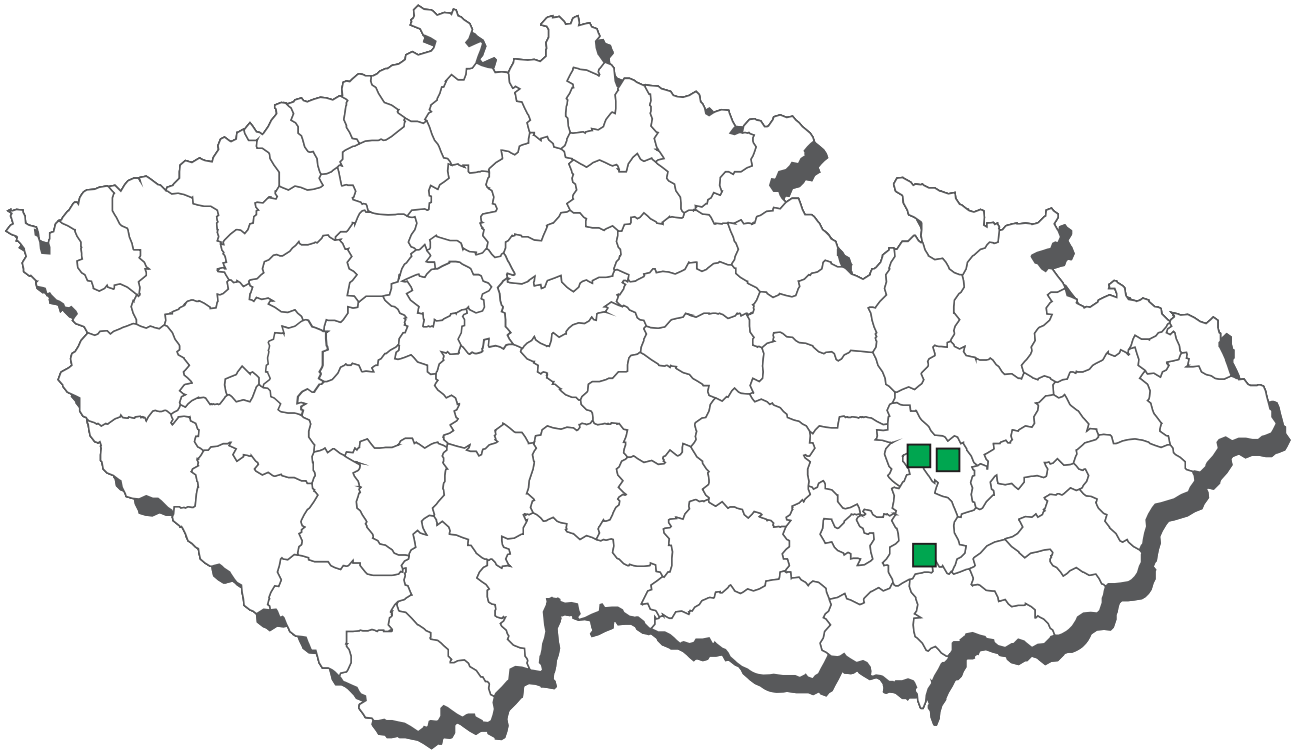
sampling date	cadastral district (sampling)	origin	value
narasin			
2.3.2017	Kroměříž	AFEED, a.s.	5 mg/kg 12% moisture
20.9.2017	Rychnov nad Kněžnou	De Heus a.s.	5 mg/kg 12% moisture
nicarbazin			
2.3.2017	Kroměříž	AFEED, a.s.	4,478 mg/kg 12% moisture
salinomycin			
13.10.2017	Prachatice	ZZN Pelhřimov, a.s., Výrobna KS Záhoří	13,442 mg/kg 12% moisture
20.3.2017	Náchod	Zemědělské družstvo Dolany	1,659 mg/kg 12% moisture
11.7.2017	Domažlice	Výkrm Tagrea, s.r.o.	1,22 mg/kg 12% moisture
20.9.2017	Rychnov nad Kněžnou	De Heus a.s.	2,484 mg/kg 12% moisture
10.5.2017	Pelhřimov	ZZN Pelhřimov, a.s., Výrobna KS Záhoří	0,971 mg/kg 12% moisture
6.11.2017	Domažlice	Primagra a.s., Výrobna KS	1,37 mg/kg 12% moisture
2.3.2017	Kroměříž	AFEED, a.s.	5 mg/kg 12% moisture
29.3.2017	Přerov	AFEED, a.s.	5 mg/kg 12% moisture

compound feedingstuffs for poultry - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b decoquinat	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b diclazuril	1	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg 12% moisture
B2b halofuginone	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b lasalocid	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b maduramicin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b monensin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b narasin	2	1	50,0	**1**	**50,0**	2,52500	2,52500	4,50500	5,00000	mg/kg 12% moisture
B2b nicarbazin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b robenidin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b salinomycin	3	1	33,3	0	0,0	0,21500	n.d.	0,44600	0,54500	mg/kg 12% moisture
B2b semduramicin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture

sampling date	cadastral district (sampling)	origin	value
narasin			
25.10.2017	Rychnov nad Kněžnou	De Heus a.s.	5 mg/kg 12% moisture

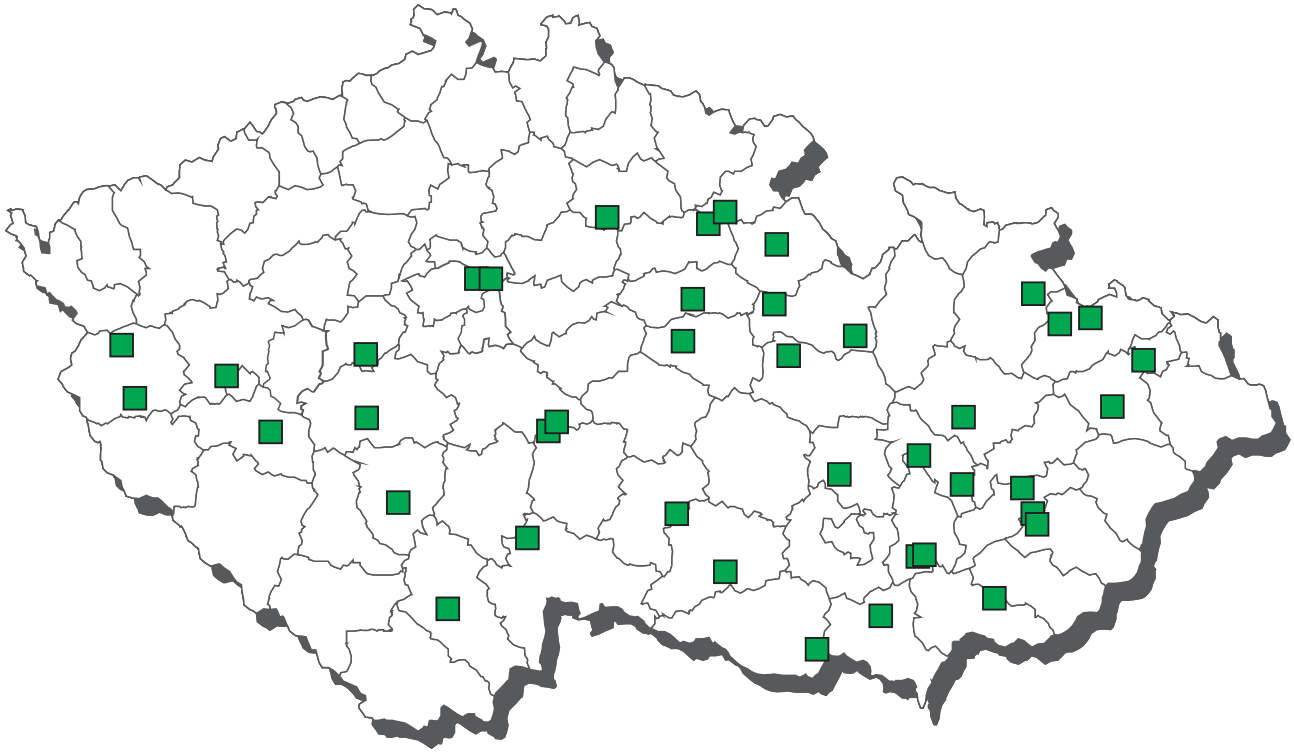
CL 2017 - sampling of compound feedingstuffs for rabbits



compound feedingstuffs for rabbits - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfachlorpyridazine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadimidine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadimethoxine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadoxine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfamerazine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfamethoxydiazine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfaquinoxaline	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfathiazole	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfamethoxazole	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadiazine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B2b	decoquinat	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	diclazuril	4	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg 12% moisture
B2b	halofuginone	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	lasalocid	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	maduramicin	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	monensin	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	narasin	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	nicarbazin	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	robenidin	4	1	25,0	0	0,0	0,11300	n.d.	0,22640	0,30200	mg/kg 12% moisture
B2b	salinomycin	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	semduramicin	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture

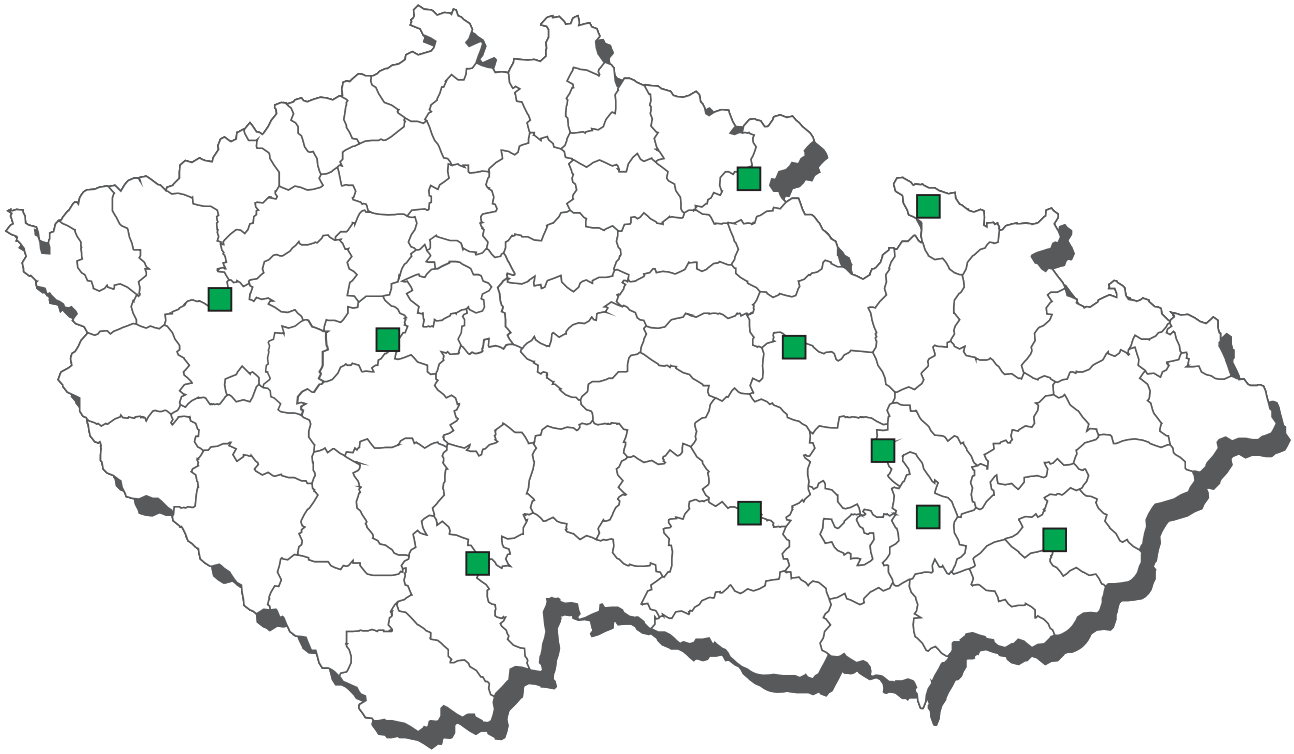
CL 2017 - sampling of compound feedingstuffs for swine animals



compound feedingstuffs for swine animals - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	20	0	0,0	0	0,0	8,10000	n.d.	n.d.	8,10000	µg/kg
A6	dimetridazole	20	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A6	ipronidazole	20	0	0,0	0	0,0	1,20000	n.d.	n.d.	1,20000	µg/kg
A6	metronidazole	20	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A6	ornidazol	20	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A6	ronidazole	20	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A6	secnidazol	20	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A6	ternidazol	20	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg/kg
A6	tinidazol	20	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
B2f	carbadox	30	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg/kg
B2f	olaquindox	30	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg/kg

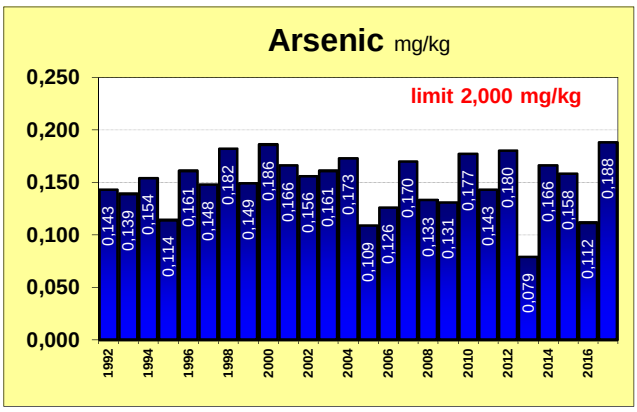
CL 2017 - sampling of compound feedingstuffs for bovine

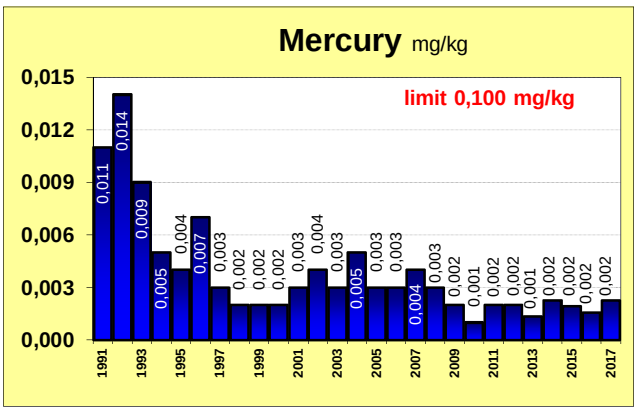


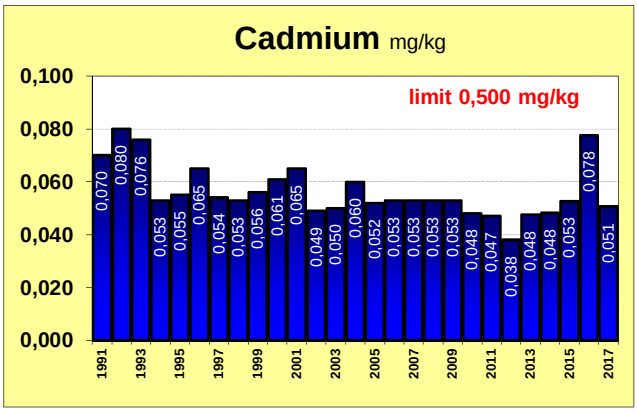
compound feedingstuffs for bovine animals - monitoring

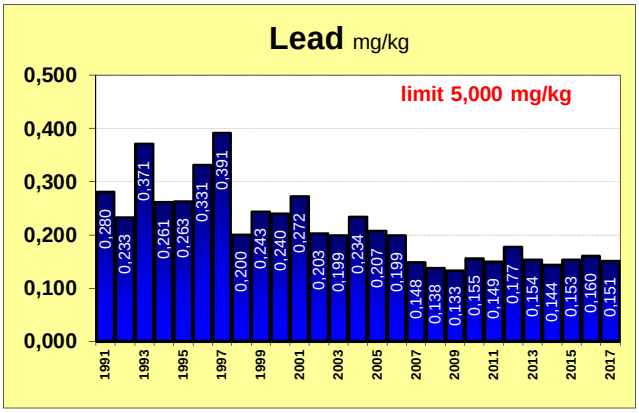
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	10	0	0,0	0	0,0	1,65000	n.d.	n.d.	1,65000	µg/kg
A5	clenbuterol	10	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	mabuterol	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	salbutamol	10	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg

The average content of residues in complete and supplementary feedingstuffs

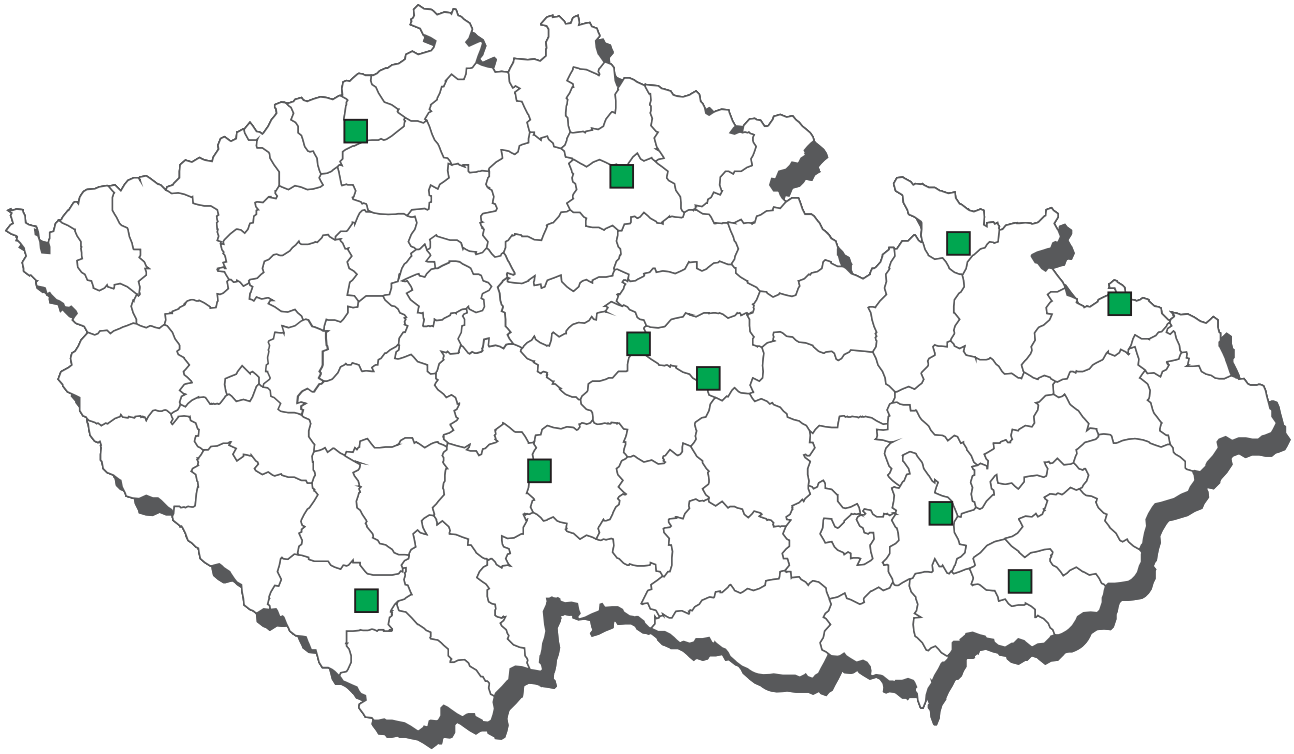








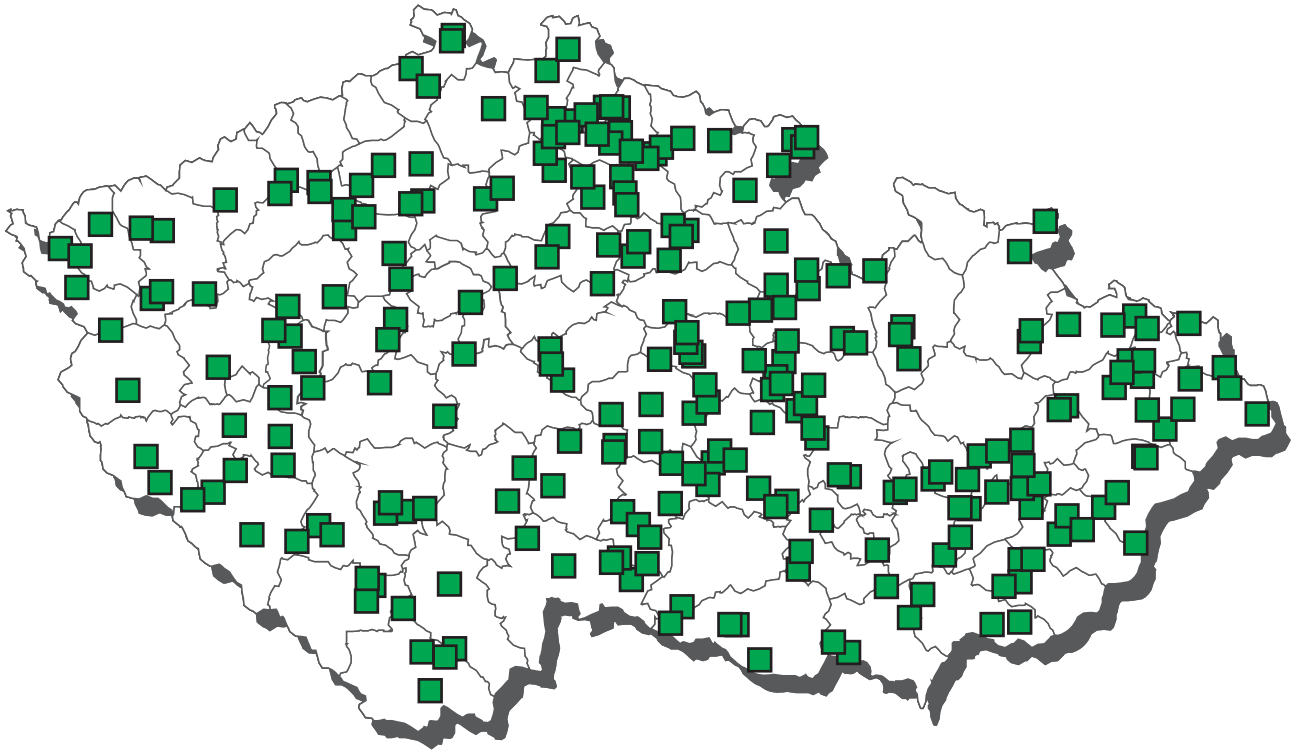
CL 2017 - sampling of water used for watering farm animals



water used for watering - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenbuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	mabuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	salbutamol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	carnidazol	5	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/l
A6	dimetridazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ipronidazole	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	metronidazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ornidazol	5	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A6	ronidazole	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A6	secnidazol	5	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/l
A6	ternidazol	5	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/l
A6	tinidazol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l

CL 2017 - sampling of raw cow's milk



raw cow's milk - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A2	tapazole	22	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A2	thiouracil	22	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A2	methylthiouracil	22	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/l
A2	propylthiouracil	22	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	brombuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	cimbuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenbuterol	10	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	chlorbrombuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A5	labetalol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	10	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A5	pirbuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	salmeterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	10	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A5	tulobuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	10	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A6	AHD	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	AMOZ	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	AOZ	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	dapsone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	chloramphenicol	58	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	SEM	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
B1	betalactams	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	71	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	71	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	71	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substances	71	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	71	0	0,0	0	0,0	11,47887	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	71	0	0,0	0	0,0	30,80986	n.d.	n.d.	62,50000	µg/kg
B1	tetracyclines	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	albendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	doramectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	fenbendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ivermectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg

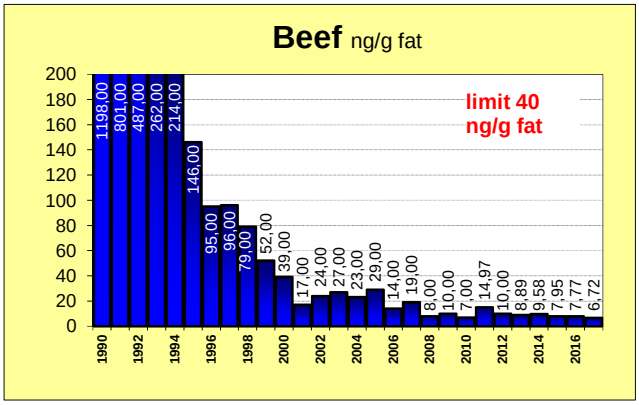
raw cow's milk - monitoring - (continuation)

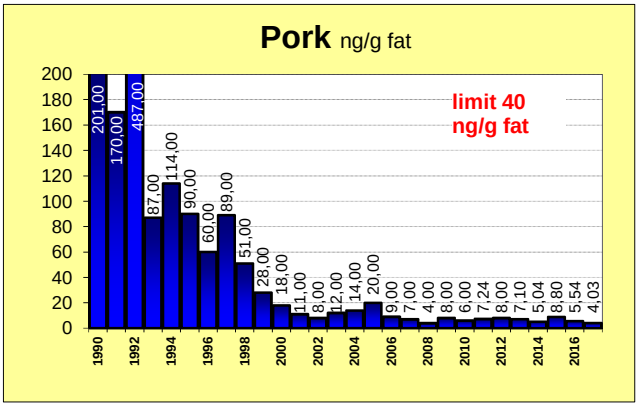
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a ketotriclabendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a levamisole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a aminomebendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a 5-hydroxymebendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a mebendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a mebendazole (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a moxidectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a nitroxinil	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a oxibendazol	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a oxyclozanid	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a oxfendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a fenbendazole sulfon	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a parbendazol	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a praziquantel	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a rafoxanid	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a thiabendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a thiabendazole (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a triclabendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a 5-hydroxythiabendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfon	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfoxid	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c lambda-cyhalothrin	12	0	0,0	0	0,0	0,00087	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	12	0	0,0	0	0,0	0,00147	n.d.	n.d.	0,00250	mg/kg
B2c permethrin	12	0	0,0	0	0,0	0,00358	n.d.	n.d.	0,00500	mg/kg
B2e carprofen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	8	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B2e flufenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e 5-hydroxyflunixin	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e metamizol	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	15	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	15	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	15	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00055	mg/kg
B3a endrin	15	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	15	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	15	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	15	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	15	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	15	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	15	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	15	0	0,0	0	0,0	4,30000	n.d.	n.d.	4,50000	ng/g fat
B3b chlorpyrifos	4	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00250	mg/kg
B3b chlorpyrifos-methyl	4	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3b diazinone	4	0	0,0	0	0,0	0,00163	n.d.	n.d.	0,00200	mg/kg
B3b malathion	4	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00250	mg/kg
B3b phorate	4	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3b pyrimiphosmethyl	4	0	0,0	0	0,0	0,00163	n.d.	n.d.	0,00200	mg/kg
B3c arsenic	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c cadmium	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c lead	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3d aflatoxin M2	35	1	2,9	0	0,0	0,00283	n.d.	n.d.	0,01400	µg/kg
B3f WHO-PCDD/F-TEQ	5	4	80,0	0	0,0	0,34580	0,37400	0,40780	0,42100	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	0,97180	1,10000	1,22600	1,25000	pg/g fat
B3f 2,4,4'-TriBDE	5	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	5	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f 2,2',4,4',5-PentaBDE	5	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f 2,2',4,4',6-PentaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	5	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f sum PCB	5	1	20,0	0	0,0	6,47100	n.d.	10,41300	14,35500	ng/g fat

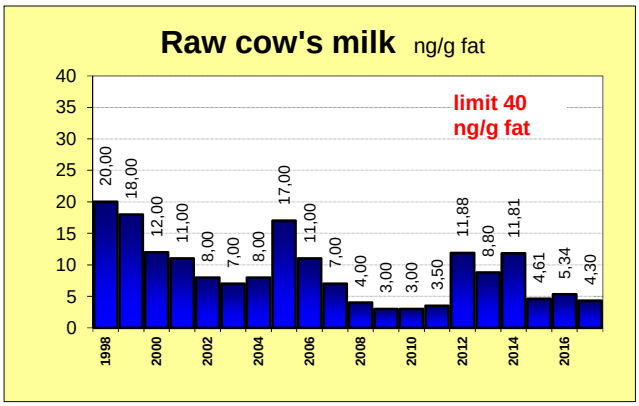
raw cow's milk - monitoring - (continuation)

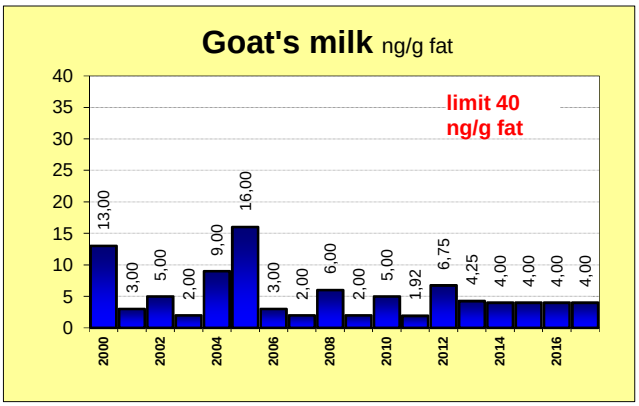
	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfachlorpyridazine	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	71	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	71	0	0	0	0	0
B2a	albendazole	MRL - 100 µg/kg	15	0	0	0	0	0
B2a	clorsulon	MRL - 16 µg/kg	15	0	0	0	0	0
B2a	closantel	MRL - 45 µg/kg	15	0	0	0	0	0
B2a	eprinomectin	MRL - 20 µg/kg	15	0	0	0	0	0
B2a	fenbendazole	MRL - 10 µg/kg	15	0	0	0	0	0
B2a	moxidectin	MRL - 40 µg/kg	15	0	0	0	0	0
B2a	nitroxinil	MRL - 20 µg/kg	15	0	0	0	0	0
B2a	oxfendazole	MRL - 10 µg/kg	15	0	0	0	0	0
B2a	rafoxanid	MRL - 10 µg/kg	15	0	0	0	0	0
B2a	thiabendazole	MRL - 100 µg/kg	15	0	0	0	0	0
B2a	triclabendazole	MRL - 10 µg/kg	15	0	0	0	0	0
B2c	cypermethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2e	diclofenac	MRL - 0,1 µg/kg	0	8	0	0	0	0
B2e	meloxicam	MRL - 15 µg/kg	8	0	0	0	0	0
B2e	metamizol	MRL - 50 µg/kg	8	0	0	0	0	0
B2e	tolfenamic acid	MRL - 50 µg/kg	8	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,006 mg/kg	15	0	0	0	0	0
B3a	chlordan	MRL - 0,002 mg/kg	15	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,04 mg/kg	15	0	0	0	0	0
B3a	endrin	MRL - 0,0008 mg/kg	15	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	15	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3a	heptachlor	MRL - 0,004 mg/kg	15	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,004 mg/kg	15	0	0	0	0	0
B3a	beta-HCH	MRL - 0,003 mg/kg	15	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,001 mg/kg	8	7	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	15	0	0	0	0	0
B3b	diazinone	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3b	phorate	MRL - 0,01 mg/kg	4	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3c	arsenic	AL - 0,05 mg/kg	2	0	0	0	0	0
B3c	cadmium	AL - 0,01 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,02 mg/kg	2	0	0	0	0	0
B3d	aflatoxin M2	ML - 0,05 µg/kg	35	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	5	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 5,5 pg/g fat	5	0	0	0	0	0
B3f	sum PCB	ML - 40 ng/g fat	5	0	0	0	0	0

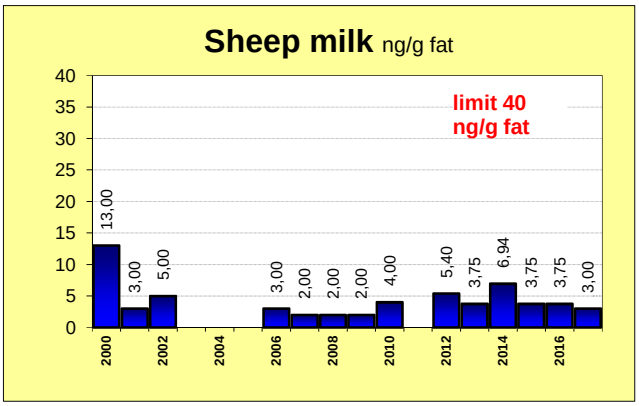
The average PCB sum content in foodstuffs and raw materials



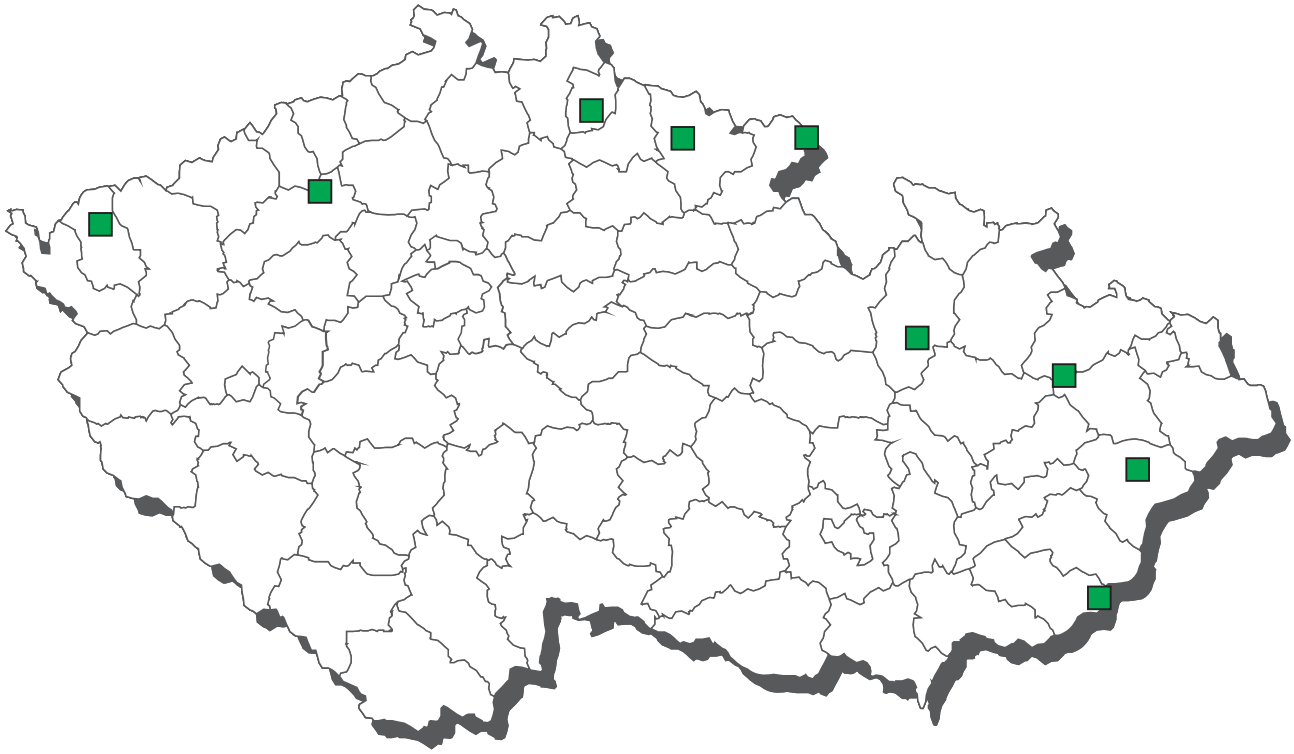








CL 2017 - sampling of raw sheep milk



raw sheep milk - monitoring

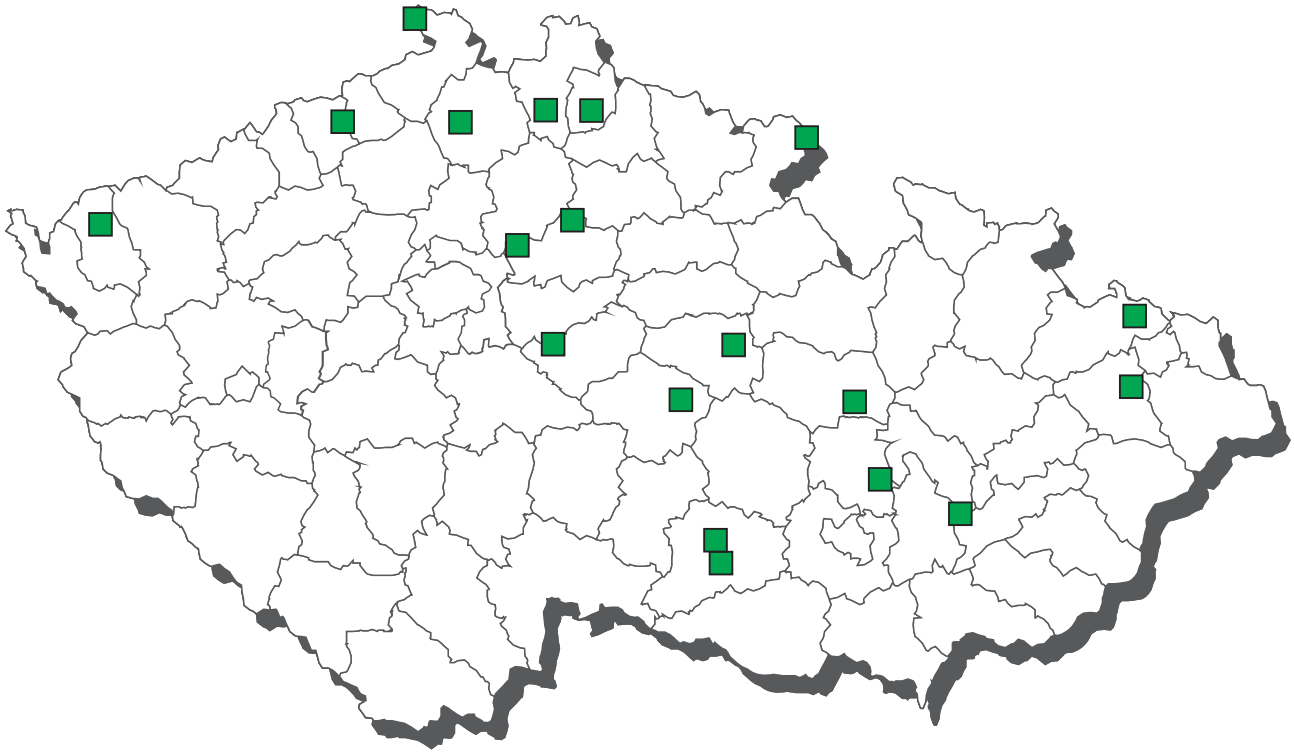
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
B1	betalactams	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substance	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	3	0	0,0	0	0,0	29,16667	n.d.	n.d.	62,50000	µg/kg
B1	tetracyclines	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	albendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	doramectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	fenbendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ivermectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ketotriclabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	moxidectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	nitroxinil	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole sulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	5-hydroxythiabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfoxid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c	lambda-cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	deltamethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c	permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (sum)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg

raw sheep milk - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	hexachlorbenzen	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	sum PCB	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	ng/g fat
B3b	chlorpyrifos	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b	diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	malathion	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b	pyrimiphosmethyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3c	arsenic	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	cadmium	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	mercury	1	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00020	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3d	aflatoxin M2	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg
B3f	WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,38500	0,38500	0,38500	0,38500	pg/g fat
B3f	WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,77700	0,77700	0,77700	0,77700	pg/g fat
B3f	2,4,4'-TriBDE	1	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	1	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,2',4,4',5-PentaBDE	1	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f	2,2',4,4',6-PentaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	1	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfachlorpyridazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	3	0	0	0	0	0
B2a	eprinomectin	MRL - 20 µg/kg	2	0	0	0	0	0
B2a	moxidectin	MRL - 40 µg/kg	2	0	0	0	0	0
B2a	oxfendazole	MRL - 10 µg/kg	2	0	0	0	0	0
B2c	cypermethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,006 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,002 mg/kg	1	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,04 mg/kg	1	0	0	0	0	0
B3a	endrin	MRL - 0,0008 mg/kg	1	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3a	heptachlor	MRL - 0,004 mg/kg	1	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,004 mg/kg	1	0	0	0	0	0
B3a	beta-HCH	MRL - 0,003 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,001 mg/kg	1	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	1	0	0	0	0	0
B3b	diazinone	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b	phorate	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3c	arsenic	AL - 0,05 mg/kg	1	0	0	0	0	0
B3c	cadmium	AL - 0,01 mg/kg	1	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3c	lead	ML - 0,02 mg/kg	1	0	0	0	0	0
B3d	aflatoxin M2	ML - 0,05 µg/kg	2	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	1	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 5,5 pg/g fat	1	0	0	0	0	0
B3f	sum PCB	ML - 40 ng/g fat	1	0	0	0	0	0

CL 2017 - sampling of raw goat's milk



raw goat's milk - monitoring

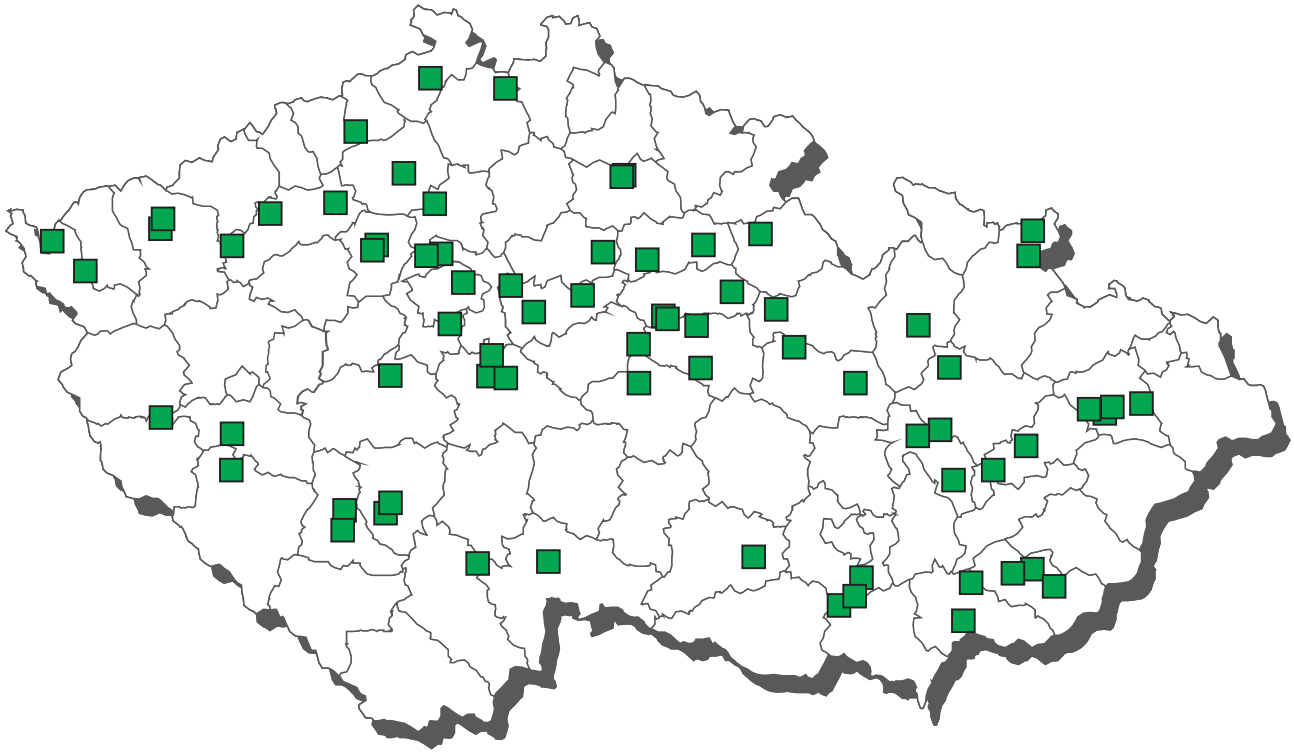
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	chloramphenicol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substance	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	4	0	0,0	0	0,0	37,50000	n.d.	n.d.	62,50000	µg/kg
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	albendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	doramectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	fenbendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ivermectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ketotriclabendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	moxidectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	nitroxinil	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole sulfon	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazol	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	5-hydroxythiabendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfon	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfoxid	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00125	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e	vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (sum)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg

raw goat's milk - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	endosulfan (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,50000	ng/g fat
B3b	chlorpyrifos	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b	diazinone	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	malathion	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b	pyrimiphosmethyl	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3c	arsenic	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	cadmium	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3d	aflatoxin M2	3	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfachlorpyridazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B2a	eprinomectin	MRL - 20 µg/kg	3	0	0	0	0	0
B2a	oxfendazole	MRL - 10 µg/kg	3	0	0	0	0	0
B2c	cypermethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,006 mg/kg	3	0	0	0	0	0
B3a	chlordan	MRL - 0,002 mg/kg	3	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,04 mg/kg	3	0	0	0	0	0
B3a	endrin	MRL - 0,0008 mg/kg	3	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3a	heptachlor	MRL - 0,004 mg/kg	3	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,004 mg/kg	3	0	0	0	0	0
B3a	beta-HCH	MRL - 0,003 mg/kg	3	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,001 mg/kg	2	1	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	3	0	0	0	0	0
B3b	diazinone	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3b	phorate	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3c	arsenic	AL - 0,05 mg/kg	2	0	0	0	0	0
B3c	cadmium	AL - 0,01 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,02 mg/kg	2	0	0	0	0	0
B3d	aflatoxin M2	ML - 0,05 µg/kg	3	0	0	0	0	0

CL 2017 - sampling of hen eggs



hen eggs - monitoring

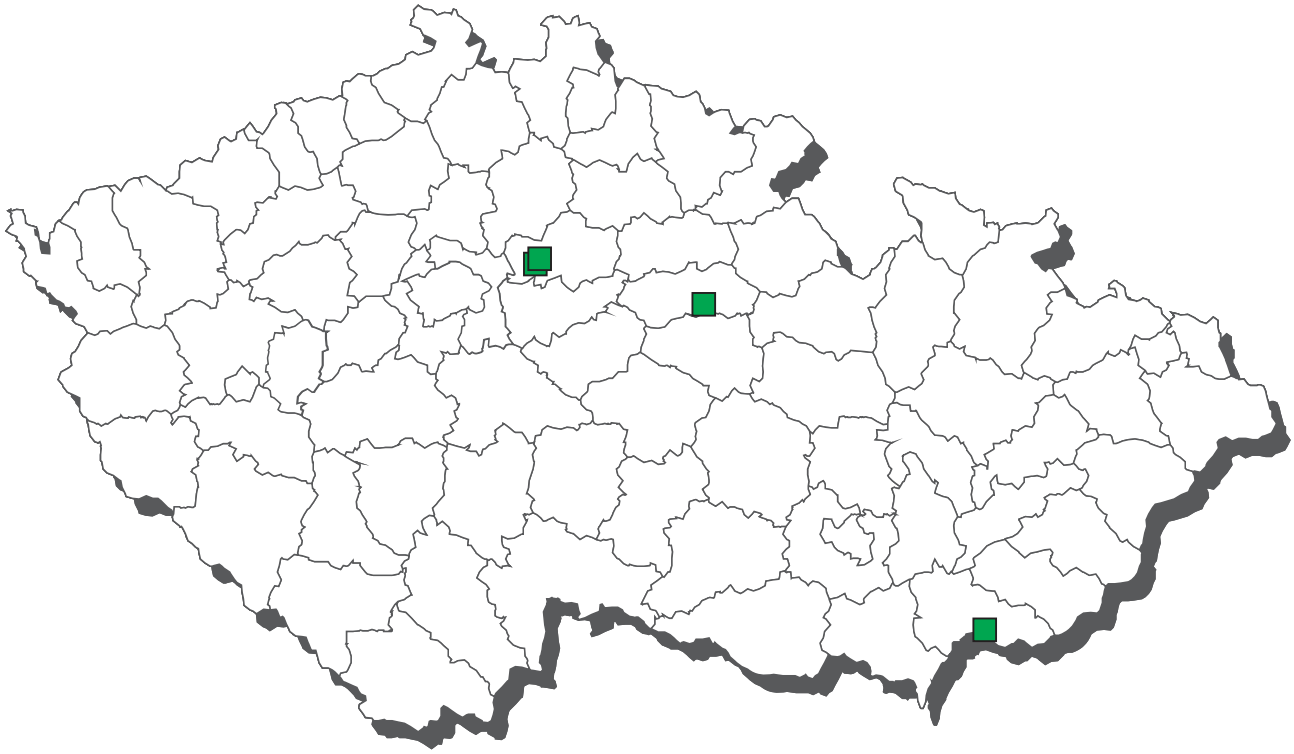
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	AMOZ	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	carnidazol	10	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	HMMNI	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	chloramphenicol	45	0	0,0	0	0,0	0,06644	n.d.	n.d.	0,07000	µg/kg
A6	ipronidazole-OH	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ornidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ronidazole	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	secnidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	tinidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
B1	betalactams	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalonium	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefalexin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefazolin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	dihydrostreptomycin	10	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	enrofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	flumequine	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	gentamycin	10	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	10	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lomefloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	macrolides	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	nalidixic acid	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	neomycin (incl. framycetin)	10	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	norfloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	ofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	orbifloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	oxolinic acid	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	pefloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	residues of inhibitory substance	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	sulfachlorpyridazine	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	38	0	0,0	0	0,0	11,31579	n.d.	n.d.	15,00000	µg/kg
B1	streptomycin	10	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tetracyclines	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	albendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	rafoxanid	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2b	decoquinat	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	26	0	0,0	0	0,0	1,69231	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

hen eggs - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b semduramicin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3a aldrin, dieldrin (sum)	54	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	54	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	54	1	1,9	0	0,0	0,00046	n.d.	n.d.	0,00110	mg/kg
B3a endosulfan (sum)	54	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	54	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	54	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	54	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	54	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	54	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	54	1	1,9	0	0,0	4,14815	n.d.	n.d.	8,00000	ng/g fat
B3f WHO-PCDD/F-TEQ	6	6	100,0	0	0,0	0,39100	0,36350	0,44750	0,48000	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	6	6	100,0	0	0,0	0,43583	0,40550	0,49950	0,54400	pg/g fat
B3f 2,4,4'-TriBDE	6	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	6	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f 2,2',4,4',5-PentaBDE	6	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f 2,2',4,4',6-PentaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	6	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f sum PCB	6	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	ML - 20 µg/kg	26	0	0	0	0	0
B2b halofuginone	ML - 6 µg/kg	26	0	0	0	0	0
B2b lasalocid	MRL - 150 µg/kg	26	0	0	0	0	0
B2b maduramicin	ML - 12 µg/kg	26	0	0	0	0	0
B2b monensin	ML - 2 µg/kg	0	26	0	0	0	0
B2b narasin	ML - 2 µg/kg	0	26	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	26	0	0	0	0	0
B2b robenidin	ML - 25 µg/kg	26	0	0	0	0	0
B2b salinomycin	ML - 3 µg/kg	26	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	26	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a chlordan	MRL - 0,005 mg/kg	54	0	0	0	0	0
B3a DDT (sum)	MRL - 0,05 mg/kg	54	0	0	0	0	0
B3a endrin	MRL - 0,005 mg/kg	54	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	54	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a heptachlor	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a alfa-HCH	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a beta-HCH	MRL - 0,01 mg/kg	54	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,01 mg/kg	54	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	6	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 5 pg/g fat	6	0	0	0	0	0

CL 2017 - sampling of quail's eggs



Quail's eggs - non-compliant results 2017

lasalocid

quail's eggs - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
B1	betalactams	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substance	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	3	0	0,0	0	0,0	8,33333	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2b	decoquinat	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	2	1	50,0	**1**	**50,0**	126,00000	126,00000	226,00000	251,00000	µg/kg
B2b	maduramicin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	2	1	50,0	0	0,0	1,70000	1,70000	2,26000	2,40000	µg/kg
B2b	salinomycin	2	1	50,0	0	0,0	2,05000	2,05000	2,89000	3,10000	µg/kg
B2b	semduramicin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3a	aldrin, dieldrin (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00052	n.d.	n.d.	0,00055	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	3	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	3	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	ML - 20 µg/kg	2	0	0	0	0	0
B2b	halofuginone	ML - 6 µg/kg	2	0	0	0	0	0
B2b	lasalocid	MRL - 150 µg/kg	1	0	0	0	**1**	0
B2b	maduramicin	ML - 12 µg/kg	2	0	0	0	0	0
B2b	monensin	ML - 2 µg/kg	0	2	0	0	0	0
B2b	narasin	ML - 2 µg/kg	0	2	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	2	0	0	0	0	0
B2b	robenidin	ML - 25 µg/kg	2	0	0	0	0	0
B2b	salinomycin	ML - 3 µg/kg	1	0	0	**1**	0	0
B2b	semduramicin	ML - 2 µg/kg	0	2	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	chlordan	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	endrin	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,02 mg/kg	3	0	0	0	0	0

quail's eggs - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a heptachlor	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a alfa-HCH	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a beta-HCH	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,01 mg/kg	3	0	0	0	0	0

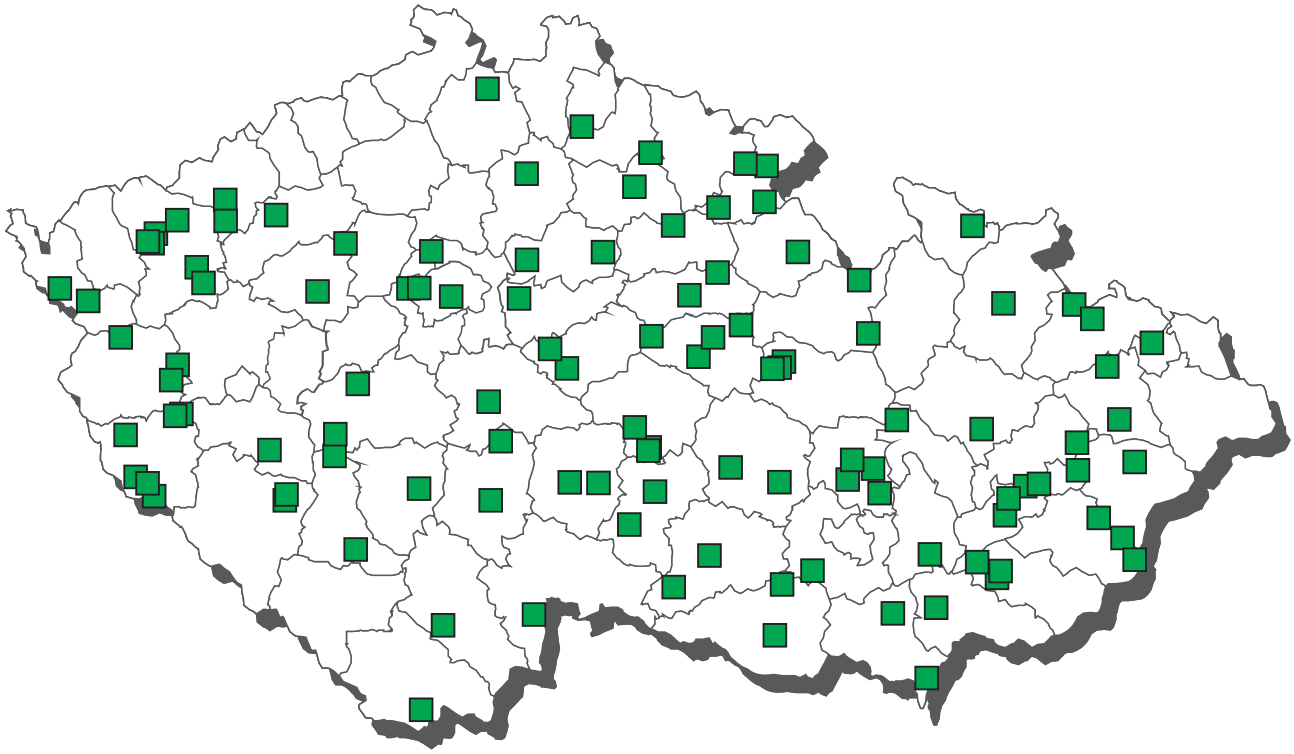
sampling date	cadastral district (sampl.)	origin	value
lasalocid			
6.10.2017	Pardubice	MARTIN PRCHAL	251 µg/kg

quail eggs - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b lasalocid	2	2	100,0	0	0,0	5,30000	5,30000	5,30000	5,30000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b lasalocid	MRL - 150 µg/kg	2	0	0	0	0	0

CL 2017 - sampling of honey



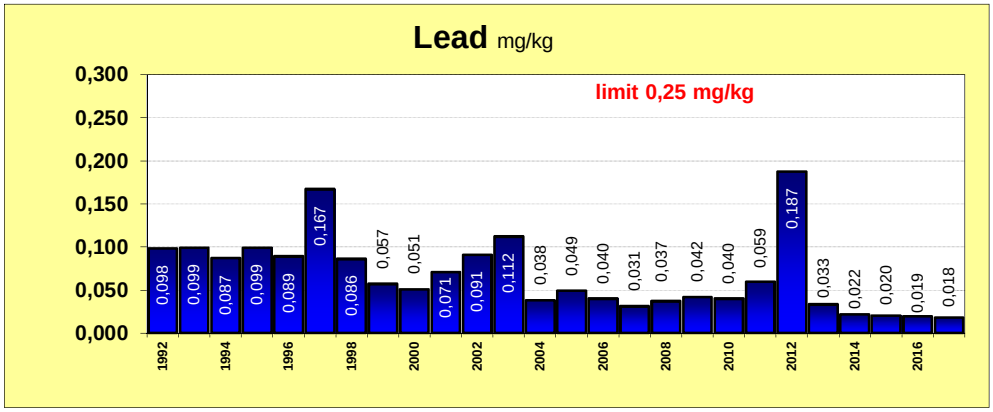
honey - monitoring

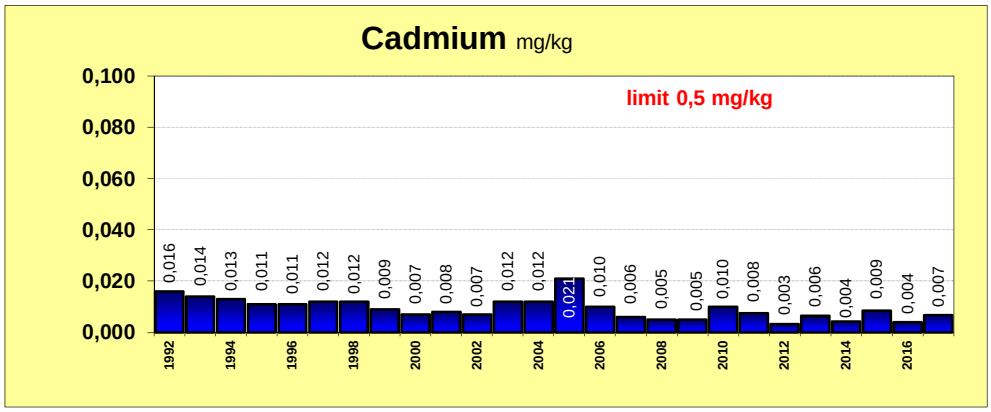
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	AMOZ	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	AOZ	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	chloramphenicol	4	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B1	betalactams	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	difloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	enrofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	flumequine	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	lomefloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	macrolides	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	nalidixic acid	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	norfloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	ofloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	orbifloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	oxolinic acid	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	pefloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	sarafloxacin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	streptomycines	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfonamides	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tetracyclines	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2c	lambda-cyhalothrin	12	0	0,0	0	0,0	0,00079	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	12	0	0,0	0	0,0	0,00142	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	12	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00250	mg/kg
B2c	tau-fluvalinat	16	0	0,0	0	0,0	0,00434	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00310	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	12	0	0,0	0	0,0	0,00302	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	12	0	0,0	0	0,0	0,00302	n.d.	n.d.	0,00500	mg/kg
B2f	amitraz	6	0	0,0	0	0,0	18,25000	n.d.	n.d.	29,00000	µg/kg
B3a	aldrin	18	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	aldrin, dieldrin (sum)	18	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	18	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	18	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	18	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	18	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	18	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	18	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	18	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	18	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	18	1	5,6	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	18	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3b	chlorpyrifos	17	0	0,0	0	0,0	0,00144	n.d.	n.d.	0,00250	mg/kg
B3b	chlorpyrifos-methyl	17	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3b	diazinone	17	0	0,0	0	0,0	0,00165	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	17	0	0,0	0	0,0	0,00221	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	17	0	0,0	0	0,0	0,00215	n.d.	n.d.	0,00300	mg/kg
B3b	pyrimiphosmethyl	17	0	0,0	0	0,0	0,00165	n.d.	n.d.	0,00200	mg/kg
B3c	cadmium	17	5	29,4	0	0,0	0,00676	n.d.	0,01160	0,04700	mg/kg
B3c	lead	17	3	17,6	0	0,0	0,01788	n.d.	0,02700	0,05000	mg/kg

honey - monitoring - (continuation)

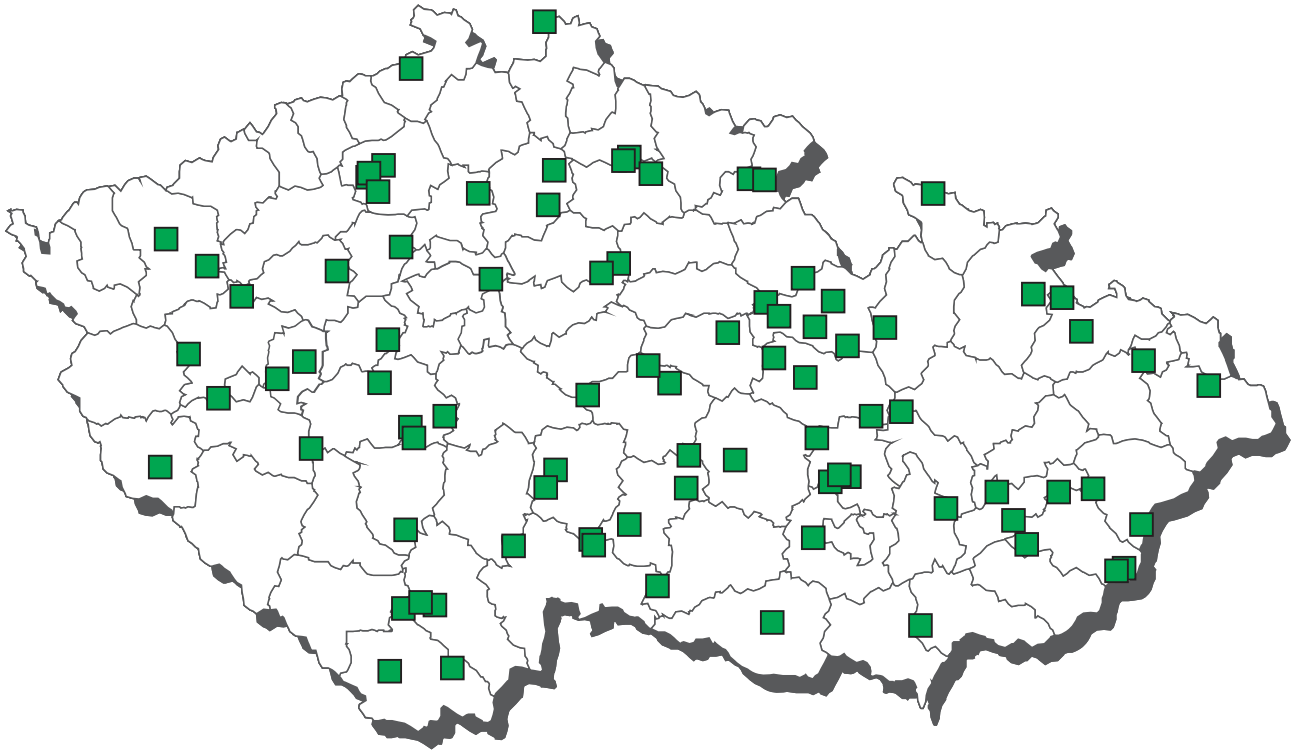
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c cypermethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c deltamethrin	MRL - 0,03 mg/kg	12	0	0	0	0	0
B2f amitraz	MRL - 200 µg/kg	6	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a chlordan	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a DDT (sum)	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a endrin	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a heptachlor	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a sum PCB	AL - 0,8 ng/g	18	0	0	0	0	0
B3b diazinone	MRL - 0,01 mg/kg	17	0	0	0	0	0
B3b phorate	MRL - 0,01 mg/kg	17	0	0	0	0	0
B3c cadmium	AL - 0,5 mg/kg	17	0	0	0	0	0
B3c lead	AL - 0,25 mg/kg	17	0	0	0	0	0

The average content of contaminants in honey

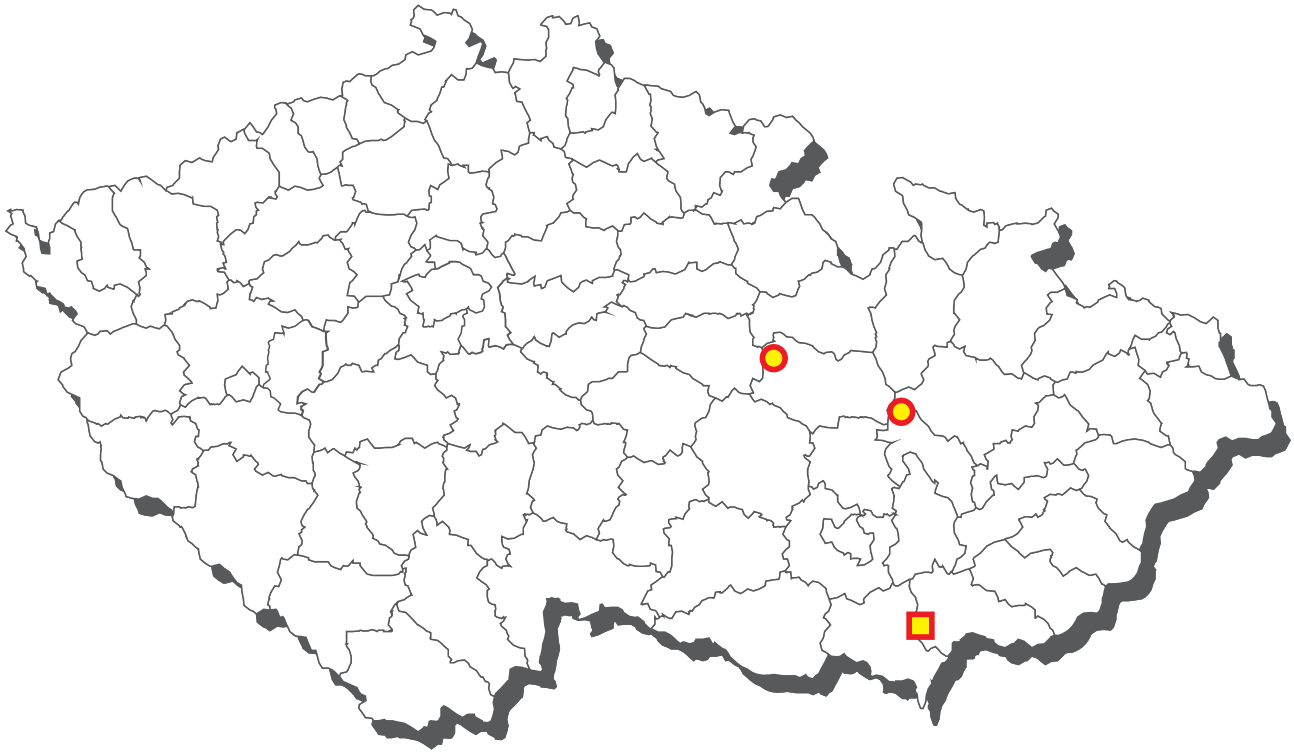




CL 2017 - sampling of calves



Calves - non-compliant results 2017



tilmicosin - muscle

mercury - kidney, liver

calves - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	2	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	chloramphenicol	8	0	0,0	0	0,0	0,04688	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	MNZOH	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ornidazol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	secnidazol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	tinidazol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	betalactams	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	15	0	0,0	0	0,0	9,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	15	0	0,0	0	0,0	9,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	15	0	0,0	0	0,0	9,00000	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	15	0	0,0	0	0,0	9,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	josamycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	macrolides	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	15	0	0,0	0	0,0	9,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	15	0	0,0	0	0,0	9,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substance	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	6	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	spiramycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycines	15	0	0,0	0	0,0	11,50000	n.d.	n.d.	12,50000	µg/kg
B1	tilmicosin	1	1	100,0	1	100,0	1514,0000	1514,0000	1514,0000	1514,0000	µg/kg
B1	tetracyclines	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ketotriclabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	nitroxinil	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole sulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

calves - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a	triclabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	5-hydroxythiabendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfoxid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c	aldicarb	3	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	carbofuran	3	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	lambda-cyhalothrin	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2e	carprofen	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	diclofenac	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	flufenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	ibuprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	metamizol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	vedaprofen	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (sum)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	4	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	4	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00055	mg/kg
B3a	endrin	4	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	4	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	4	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	4	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	4	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	2	0	0,0	0	0,0	3,75000	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	7	1	14,3	0	0,0	0,00371	n.d.	0,00540	0,00600	mg/kg
B3c	cadmium	7	0	0,0	0	0,0	0,00207	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	7	2	28,6	0	0,0	0,00039	n.d.	0,00058	0,00070	mg/kg
B3c	lead	7	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	15	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	15	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	15	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	15	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	15	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	15	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	2	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	3	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	3	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	3	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2e	carprofen	MRL - 500 µg/kg	5	0	0	0	0	0
B2e	diclofenac	MRL - 5 µg/kg	4	1	0	0	0	0

calves - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2e flunixin	MRL - 20 µg/kg	5	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	5	0	0	0	0	0
B2e tolfenamic acid	MRL - 50 µg/kg	5	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	4	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	4	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	2	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	7	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	7	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	7	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	7	0	0	0	0	0

sampling date	cadastral district (sampl.)	origin	value
tilmicosin			
14.6.2017	Hodonín	Zemědělská a.s. Čejkovice	1514 µg/kg

calves - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1 betalactams	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 gentamycin, neomycin	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 josamycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 residues of inhibitory substance	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 spiramycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 streptomycines	15	0	0,0	0	0,0	11,50000	n.d.	n.d.	12,50000	µg/kg
B1 tilmicosin	1	1	100,0	0	0,0	250,00000	250,00000	250,00000	250,00000	µg/kg
B1 tetracyclines	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a abamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a doramectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg

calves - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a ivermectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a moxidectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b decoquinat	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b lasalocid	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b narasin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b nicarbazin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b robenidin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b salinomycin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c cadmium	7	7	100,0	0	0,0	0,00986	0,00900	0,01320	0,01800	mg/kg
B3c mercury	7	7	100,0	**1**	**14,3**	0,00460	0,00100	0,01202	0,02510	mg/kg
B3c lead	7	3	42,9	0	0,0	0,00857	n.d.	0,01400	0,02000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a abamectin	MRL - 20 µg/kg	3	0	0	0	0	0
B2a doramectin	MRL - 100 µg/kg	3	0	0	0	0	0
B2a emamectin	MRL - 80 µg/kg	3	0	0	0	0	0
B2a eprinomectin	MRL - 1500 µg/kg	3	0	0	0	0	0
B2a ivermectin	MRL - 100 µg/kg	3	0	0	0	0	0
B2a moxidectin	MRL - 100 µg/kg	3	0	0	0	0	0
B2b halofuginone	MRL - 30 µg/kg	3	0	0	0	0	0
B2b lasalocid	MRL - 100 µg/kg	3	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	3	0	0	0	0
B2b monensin	MRL - 50 µg/kg	3	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	3	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	3	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	3	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	2	1	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	3	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	7	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	6	0	0	0	0	**1**
B3c lead	ML - 0,5 mg/kg	7	0	0	0	0	0

sampling date	cadastral district (sampl.)	origin	value
mercury			
22.2.2017	Svitavy	Zem. družstvo Dolní Újezd	0,0251 mg/kg

calves - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 josamycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 residues of inhibitory substance	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 spiramycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 tilmicosin	1	1	100,0	0	0,0	672,00000	672,00000	672,00000	672,00000	µg/kg
B1 tetracyclines	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d acepromazine	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	4	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d carazolol	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d chlorpromazine	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d haloperidol - metabolite	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d haloperidol	4	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d propionylpromazine	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d xylazine	4	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c cadmium	7	7	100,0	0	0,0	0,04786	0,04800	0,08060	0,09200	mg/kg
B3c mercury	7	7	100,0	**2**	**28,6**	0,01111	0,00250	0,02746	0,03670	mg/kg
B3c lead	7	4	57,1	0	0,0	0,01757	0,01600	0,03200	0,05000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d carazolol	MRL - 15 µg/kg	4	0	0	0	0	0
B3c cadmium	ML - 1 mg/kg	7	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	4	0	0	1	0	2
B3c lead	ML - 0,5 mg/kg	7	0	0	0	0	0

sampling date	cadastral district (sampl.)	origin	value
mercury			
5.6.2017	Prostějov	Zem. družstvo Ludmírov	0,0213 mg/kg
22.2.2017	Svitavy	Zem. družstvo Dolní Újezd	0,0367 mg/kg

calves - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	3	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexametazon	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	stanazolol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-alfa-trenbolonee	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	beta-zearalenol	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	taleranol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4	zearalanon	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenhexerol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	labetalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	3,85000	n.d.	n.d.	3,85000	µg/l
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	sotalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	terbutalin	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	chloramphenicol	4	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

calves - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	2	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	2	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

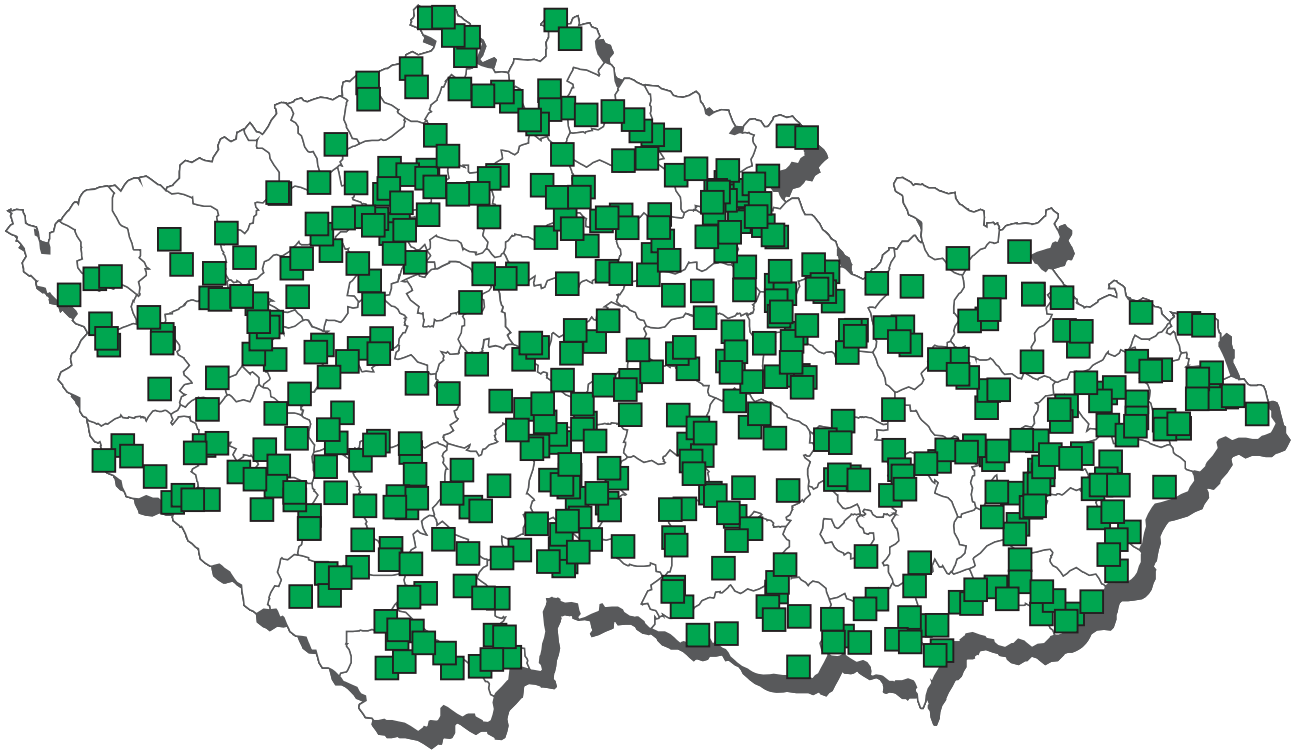
calves - hair - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	3,25000	n.d.	n.d.	3,25000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	1,20000	n.d.	n.d.	1,20000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	1,55000	n.d.	n.d.	1,55000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	4,30000	n.d.	n.d.	4,30000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg/kg

calves - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-acetoxyprogesteron	2	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	altrenogest	2	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chloromadinone acetate	2	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A3	megestrol acetate	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	melengestrol acetate	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	medroxyprogesterone ac.	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

CL 2017 - sampling of young bovine



Young bovine - non-compliant results 2017

17-alfa-19-nortestosterone - urine

young bovine animals - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-boldenone	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AHD	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	10	0	0,0	0	0,0	0,79500	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,18000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	10	0	0,0	0	0,0	0,11500	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	10	0	0,0	0	0,0	0,11500	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,08000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	0,11000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	10	0	0,0	0	0,0	0,28000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	10	0	0,0	0	0,0	0,14500	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	10	0	0,0	0	0,0	0,24500	n.d.	n.d.	0,35000	µg/kg
A6	SEM	6	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	10	0	0,0	0	0,0	0,34500	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	10	0	0,0	0	0,0	0,35500	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	84	0	0,0	0	0,0	9,52381	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	84	0	0,0	0	0,0	9,34524	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	84	0	0,0	0	0,0	9,52381	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	84	0	0,0	0	0,0	9,52381	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	84	0	0,0	0	0,0	9,52381	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	84	0	0,0	0	0,0	9,28571	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substance	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	84	0	0,0	0	0,0	11,07143	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	33	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	84	0	0,0	0	0,0	11,54762	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	albendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ketotriclabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	nitroxinil	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole sulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

young bovine animals - muscle - monitoring (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a parbendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a praziquantel	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a rafoxanid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a thiabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a thiabendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a triclabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a 5-hydroxythiabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfoxid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c aldicarb	15	0	0,0	0	0,0	0,00273	n.d.	n.d.	0,00500	mg/kg
B2c aldicarb-sulfon	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c carbofuran	15	0	0,0	0	0,0	0,00440	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	15	0	0,0	0	0,0	0,00090	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	15	0	0,0	0	0,0	0,00157	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	15	0	0,0	0	0,0	0,00153	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	15	0	0,0	0	0,0	0,00673	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	15	0	0,0	0	0,0	0,00507	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	15	0	0,0	0	0,0	0,00345	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	15	0	0,0	0	0,0	0,00507	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	13	0	0,0	0	0,0	1,63462	n.d.	n.d.	2,50000	µg/kg
B2e diclofenac	13	0	0,0	0	0,0	1,63462	n.d.	n.d.	2,50000	µg/kg
B2e flufenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	13	0	0,0	0	0,0	1,63462	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	13	1	7,7	1	7,7	2,80769	n.d.	n.d.	21,50000	µg/kg
B2e ketoprofen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	13	0	0,0	0	0,0	1,63462	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	13	0	0,0	0	0,0	1,63462	n.d.	n.d.	2,50000	µg/kg
B2e vedaprofen	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	77	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	77	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	77	27	35,1	0	0,0	0,00202	n.d.	0,00416	0,02840	mg/kg
B3a dieldrin	77	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a endrin	77	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	77	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a flucythrinát	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3a hexachlorbenzen	77	14	18,2	0	0,0	0,00042	n.d.	0,00050	0,00300	mg/kg
B3a heptachlor	77	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	77	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	77	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	77	1	1,3	0	0,0	0,00031	n.d.	n.d.	0,00100	mg/kg
B3a sum PCB	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	72	12	16,7	0	0,0	6,71678	n.d.	13,69130	52,71300	ng/g fat
B3a trans-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3a trans-heptachlorepoxid	77	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3c arsenic	15	0	0,0	0	0,0	0,00357	n.d.	n.d.	0,00500	mg/kg
B3c cadmium	15	1	6,7	0	0,0	0,00168	n.d.	n.d.	0,00250	mg/kg
B3c mercury	15	4	26,7	0	0,0	0,00047	n.d.	0,00066	0,00100	mg/kg
B3c lead	15	0	0,0	0	0,0	0,00480	n.d.	n.d.	0,00500	mg/kg
B3f WHO-PCDD/F-TEQ	2	2	100,0	0	0,0	0,01570	0,01570	0,01754	0,01800	pg/g
B3f WHO-PCDD/F-TEQ	4	4	100,0	0	0,0	0,44925	0,40850	0,54570	0,60000	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,02515	0,02515	0,02551	0,02560	pg/g
B3f WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	2,12025	1,32000	3,87100	4,90000	pg/g fat
B3f 2,4,4'-TriBDE	6	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	6	2	33,3	0	0,0	0,00508	n.d.	0,01005	0,01460	ng/g
B3f 2,2',4,4',5-PentaBDE	6	1	16,7	0	0,0	0,00453	n.d.	0,00600	0,00820	ng/g
B3f 2,2',4,4',6-PentaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	6	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3f sum PCB	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

young bovine animals - muscle - monitoring

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	84	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	84	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	84	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	84	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	84	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	84	0	0	0	0	0
B2a	albendazole	MRL - 100 µg/kg	9	0	0	0	0	0
B2a	clorsulon	MRL - 35 µg/kg	9	0	0	0	0	0
B2a	closantel	MRL - 1000 µg/kg	9	0	0	0	0	0
B2a	fenbendazole	MRL - 50 µg/kg	9	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	9	0	0	0	0	0
B2a	nitroxinil	MRL - 400 µg/kg	9	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	9	0	0	0	0	0
B2a	rafoxanid	MRL - 30 µg/kg	9	0	0	0	0	0
B2a	thiabendazole	MRL - 100 µg/kg	9	0	0	0	0	0
B2a	triclabendazole	MRL - 225 µg/kg	9	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	10	5	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	15	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	15	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	10	5	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2e	carprofen	MRL - 500 µg/kg	13	0	0	0	0	0
B2e	diclofenac	MRL - 5 µg/kg	9	4	0	0	0	0
B2e	flunixin	MRL - 20 µg/kg	13	0	0	0	0	0
B2e	meloxicam	MRL - 20 µg/kg	13	0	0	0	0	0
B2e	tolfenamic acid	MRL - 50 µg/kg	13	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	77	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	77	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	77	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	77	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	77	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	77	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	77	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	77	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	77	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	77	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	67	3	1	1*	0	0
B3c	arsenic	AL - 0,1 mg/kg	15	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	15	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	15	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	4	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 4 pg/g fat	3	0	0	1*	0	0
B3f	sum PCB	ML - 40 ng/g fat	4	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

sampling date	cadastral district (sampl.)	origin	value
ibuprofen			
6.3.2017	Mělník	Družstvo Březovice	21,5 µg/kg

young bovine animals - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	5	5	100,0	4	80,0	162,60000	161,00000	266,20000	329,00000	ng/g fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	ML - 40 ng/g fat	0	0	1	0	0	4

sampling date	cadastral district (sampl.)	origin	value
sum PCB			
11.5.2017	Klatovy	Agrospolečnost Koryta s.r.o.	329 ng/g fat
18.9.2017	Klatovy	Agrospolečnost Koryta s.r.o.	98 ng/g fat
18.9.2017	Klatovy	Agrospolečnost Koryta s.r.o.	161 ng/g fat
1.11.2017	Klatovy	Agrospolečnost Koryta s.r.o.	172 ng/g fat

young bovine animals - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienoestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3 17-beta-boldenone	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3 chlortestosterone	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3 ethinylestradiol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 methyltestosterone	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3 17-alfa-19-nortestosterone	10	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A3 17-beta-19-nortestosterone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3 norclostebol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5 brombuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clencyclohexerol	23	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	23	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalin (metaprotenerol)	23	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	23	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	23	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1 betalactams	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 gentamycin, neomycin	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substance	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 streptomycines	84	0	0,0	0	0,0	11,54762	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a abamectin	12	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a doramectin	12	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	12	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	12	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a ivermectin	12	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a moxidectin	12	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b decoquinat	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	15	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b lasalocid	15	0	0,0	0	0,0	1,70000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	15	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b narasin	15	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b nicarbazin	15	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b robenidin	15	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b salinomycin	15	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b semduramicin	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

young bovine animals - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b chlorpyrifos	11	0	0,0	0	0,0	0,00141	n.d.	n.d.	0,00250	mg/kg
B3b chlorpyrifos-methyl	11	0	0,0	0	0,0	0,00195	n.d.	n.d.	0,00250	mg/kg
B3b diazinone	11	0	0,0	0	0,0	0,00164	n.d.	n.d.	0,00200	mg/kg
B3b malathion	11	0	0,0	0	0,0	0,00236	n.d.	n.d.	0,00500	mg/kg
B3b phorate	11	0	0,0	0	0,0	0,00218	n.d.	n.d.	0,00500	mg/kg
B3b pyrimiphosmethyl	11	0	0,0	0	0,0	0,00164	n.d.	n.d.	0,00200	mg/kg
B3c cadmium	15	15	100,0	0	0,0	0,05873	0,06100	0,08020	0,13500	mg/kg
B3c mercury	15	12	80,0	0	0,0	0,00169	0,00180	0,00300	0,00300	mg/kg
B3c lead	15	9	60,0	0	0,0	0,01360	0,01100	0,02160	0,03000	mg/kg
B3d aflatoxin B2	12	1	8,3	0	0,0	0,05633	n.d.	n.d.	0,15100	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	12	1	8,3	0	0,0	0,10433	n.d.	n.d.	0,20200	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a abamectin	MRL - 20 µg/kg	12	0	0	0	0	0
B2a doramectin	MRL - 100 µg/kg	12	0	0	0	0	0
B2a emamectin	MRL - 80 µg/kg	12	0	0	0	0	0
B2a eprinomectin	MRL - 1500 µg/kg	12	0	0	0	0	0
B2a ivermectin	MRL - 100 µg/kg	12	0	0	0	0	0
B2a moxidectin	MRL - 100 µg/kg	12	0	0	0	0	0
B2b halofuginone	MRL - 30 µg/kg	15	0	0	0	0	0
B2b lasalocid	MRL - 100 µg/kg	15	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	15	0	0	0	0
B2b monensin	MRL - 50 µg/kg	15	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	15	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	15	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	15	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	10	5	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	15	0	0	0	0
B3b diazinone	MRL - 0,03 mg/kg	11	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	11	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	11	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	15	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	15	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	12	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	12	0	0	0	0	0

young bovine animals - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 gentamycin, neomycin	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substance	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 streptomycines	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
B1 tetracyclines	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d acepromazine	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	18	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d carazolol	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d chlorpromazine	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d haloperidol - metabolite	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d haloperidol	18	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d propionylpromazine	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d xylazine	18	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,00000	µg/kg
B3c cadmium	15	15	100,0	0	0,0	0,25353	0,21300	0,46320	0,56300	mg/kg
B3c mercury	15	15	100,0	0	0,0	0,00463	0,00410	0,00672	0,01370	mg/kg
B3c lead	15	11	73,3	0	0,0	0,02753	0,02400	0,05000	0,07200	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d carazolol	MRL - 15 µg/kg	18	0	0	0	0	0
B3c cadmium	ML - 1 mg/kg	13	2	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	9	5	0	1*	0	0
B3c lead	ML - 0,5 mg/kg	15	0	0	0	0	0

* not comply with MRL according to pesticide legislation (Regulation 396/2005)

young bovine animals - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	19	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	19	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	19	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	25	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	25	2	8,0	0	0,0	1,12400	n.d.	n.d.	7,70000	µg/l
A2	methylthiouracil	25	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	25	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	4	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	23	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexametazon	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	23	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	4	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	23	1	4,3	**1**	**4,3**	0,76087	n.d.	n.d.	8,70000	µg/l
A3	17-beta-19-nortestosterone	23	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	23	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	4	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	4	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	stanazolol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-alfa-trenbolonee	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	beta-zearalenol	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	taleranol	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	17	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4	zearalanon	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	17	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	brombuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	cimaterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenbuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenhexerol	16	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenproperol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenisopenterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	fenoterol	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	labetalol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	16	0	0,0	0	0,0	3,85000	n.d.	n.d.	3,85000	µg/l
A5	pirbuterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	ritodrin	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	salbutamol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	salmeterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	sotalol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	terbutalin	16	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	tulobuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	16	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	chloramphenicol	37	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

sampling date	cadastral district (sampl.)	origin	value
17-alfa-19-nortestosterone			
19.5.2017	Děčín	Nové Hraběcí	8,7 µg/l

young bovine animals - urine - suspect samples

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

young bovine animals - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoát	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	ng/l
A3	17-beta-estradiol	20	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	µg/l
A3	testosteron benzoát	6	0	0,0	0	0,0	8,50000	n.d.	n.d.	8,50000	ng/l
A3	testosteron dekanoát	6	0	0,0	0	0,0	6,00000	n.d.	n.d.	6,00000	ng/l
A3	testosteron isokapronát	6	0	0,0	0	0,0	23,00000	n.d.	n.d.	23,00000	ng/l
A3	testosteron propionát	6	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/l
A3	17-beta-testosterone	25	5	20,0	0	0,0	0,41760	n.d.	0,47600	6,00000	µg/l
A6	carnidazol	11	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	11	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	11	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	11	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

young bovine animals - hair - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoát	10	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A3	testosteron benzoát	10	0	0,0	0	0,0	3,10000	n.d.	n.d.	3,10000	µg/kg
A3	testosteron dekanoát	10	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/kg
A3	testosteron isokapronát	10	0	0,0	0	0,0	3,75000	n.d.	n.d.	3,75000	µg/kg
A3	testosteron propionát	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	brombuterol	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	carbuterol	5	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	cimaterol	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	cimbuterol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	clenbuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	chlorbrombuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clencyclohexerol	5	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A5	clenhexerol	5	0	0,0	0	0,0	3,25000	n.d.	n.d.	3,25000	µg/kg
A5	clenproperol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	clenpenterol	5	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	clenisopenterol	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg/kg
A5	hydroxymethylclenbuterol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	isoxsuprine	5	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A5	labetalol	5	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg/kg
A5	mabuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mapenterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	pirbuterol	5	0	0,0	0	0,0	1,20000	n.d.	n.d.	1,20000	µg/kg
A5	ractopamin	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ritodrin	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	salbutamol	5	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A5	salmeterol	5	0	0,0	0	0,0	1,55000	n.d.	n.d.	1,55000	µg/kg
A5	sotalol	5	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	terbutalin	5	0	0,0	0	0,0	4,30000	n.d.	n.d.	4,30000	µg/kg
A5	tulobuterol	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	zilpaterol	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg/kg

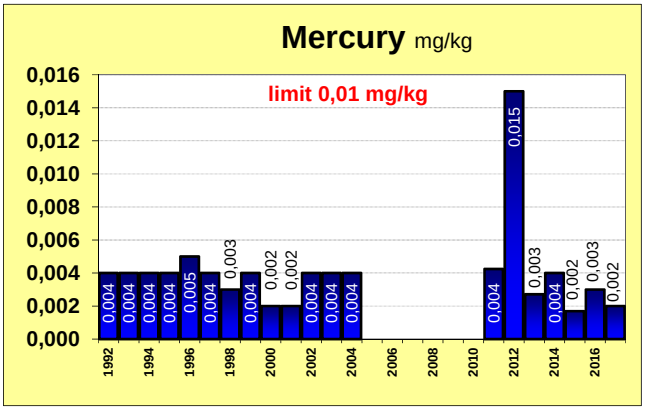
young bovine animals - hair - suspect samples

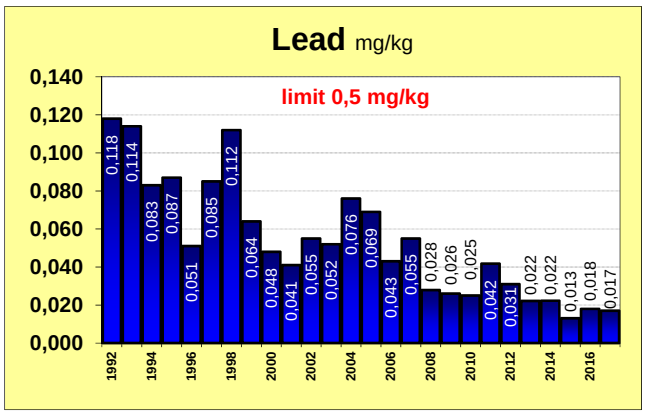
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	nortestosteron benzoát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	nortestosteron cypionát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	nortestosteron decanoát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	nortestosteron fenylpropionát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	nortestosteron propionát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	testosteron benzoát	2	0	0,0	0	0,0	3,10000	n.d.	n.d.	3,10000	µg/kg
A3	testosteron cypionát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	testosteron enanthát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	testosteron fenylpropionát	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	estradiol benzoát	2	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A3	testosteron dekanoát	2	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/kg
A3	testosteron isokapronát	2	0	0,0	0	0,0	3,75000	n.d.	n.d.	3,75000	µg/kg
A3	testosteron propionát	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

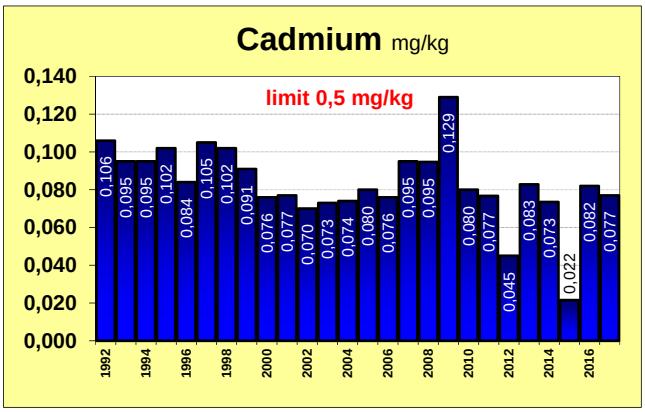
young bovine animals - kidney fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-acetoxyprogesteron	14	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	altrenogest	14	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chloromadinone acetate	14	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A3	megestrol acetate	14	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	melengestrol acetate	14	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	medroxyprogesterone ac.	14	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

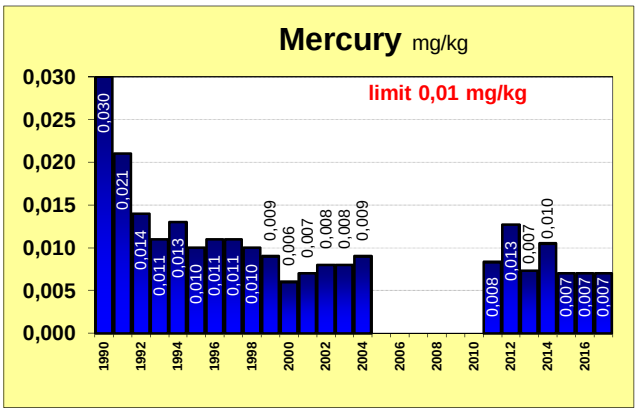
The average content of contaminants in the liver of bovine

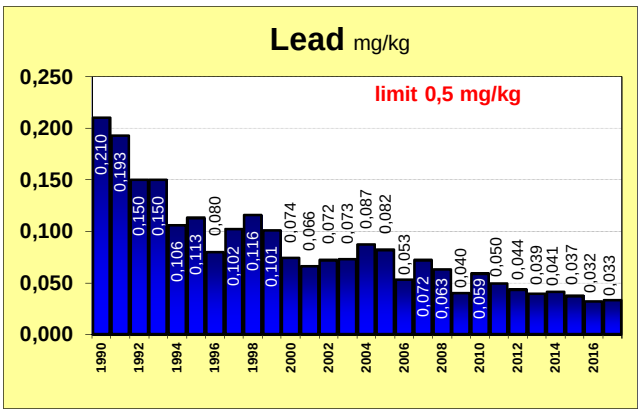


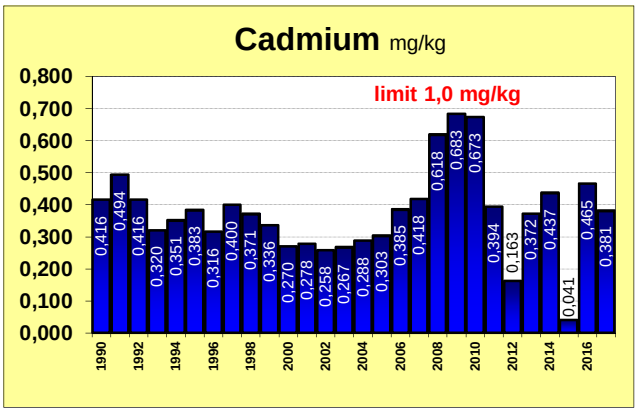




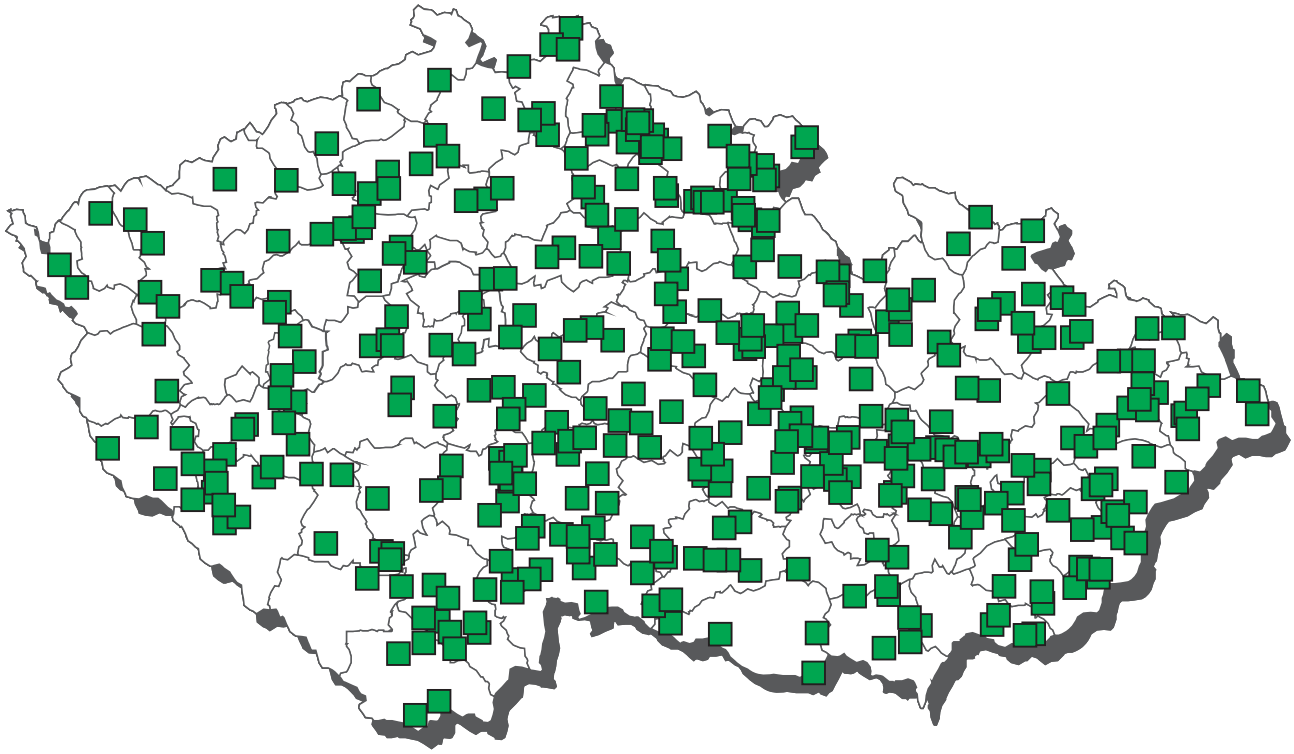
The average content of contaminants in the kidneys of bovine



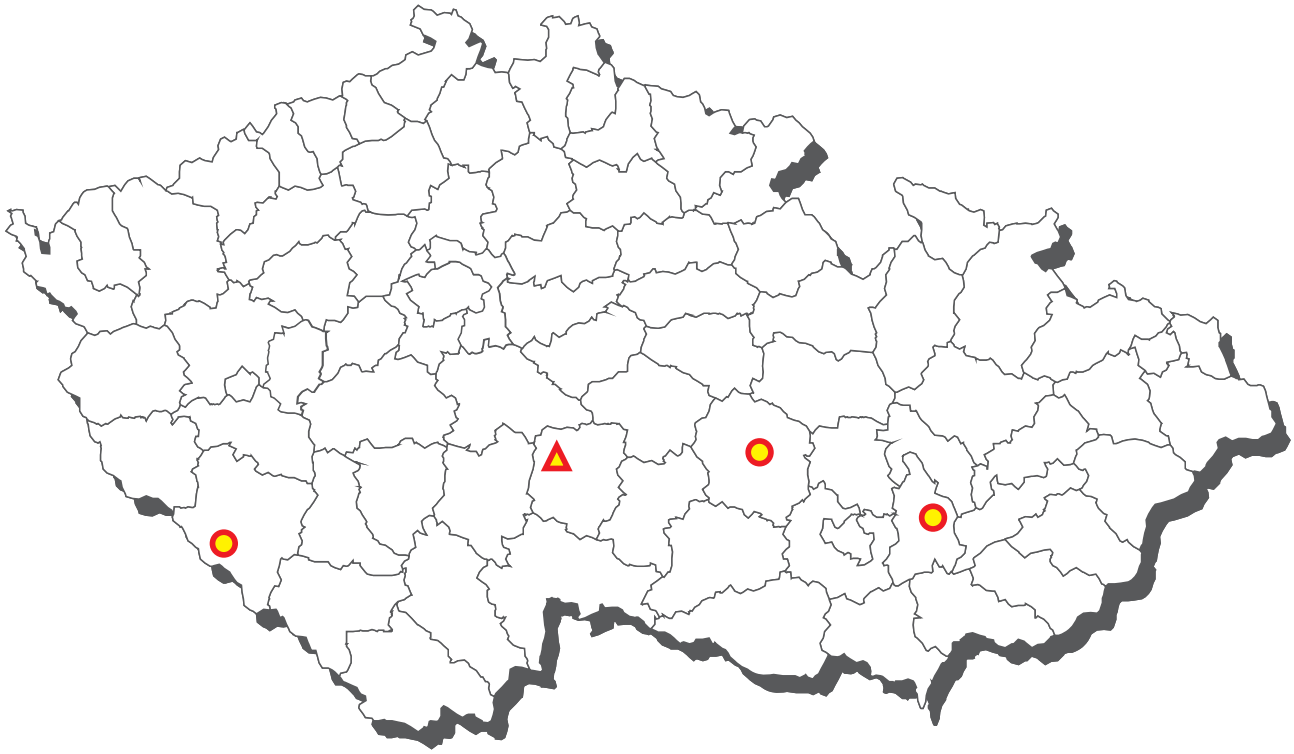




CL 2017 - sampling of cows



Cows - non-compliant results 2017



mercury - kidney cadmium - kidney

cows - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-boldenone	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AHD	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	16	0	0,0	0	0,0	0,76875	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	16	0	0,0	0	0,0	0,16250	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	16	0	0,0	0	0,0	0,10625	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	20	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	16	0	0,0	0	0,0	0,10625	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	16	0	0,0	0	0,0	0,06250	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	16	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	16	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	16	0	0,0	0	0,0	0,26250	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	16	0	0,0	0	0,0	0,11875	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	16	0	0,0	0	0,0	0,21875	n.d.	n.d.	0,35000	µg/kg
A6	SEM	7	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	16	0	0,0	0	0,0	0,31875	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	16	0	0,0	0	0,0	0,29375	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	81	0	0,0	0	0,0	10,67901	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	81	0	0,0	0	0,0	6,41975	n.d.	n.d.	10,00000	µg/kg
B1	enrofloxacin	81	0	0,0	0	0,0	10,67901	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	81	0	0,0	0	0,0	10,67901	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	81	0	0,0	0	0,0	10,67901	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	81	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	81	0	0,0	0	0,0	11,54321	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	28	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	81	0	0,0	0	0,0	11,57407	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	albendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ketotriclabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	nitroxinil	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole sulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

cows - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a parbendazol	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a praziquantel	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a rafoxanid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a thiabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a thiabendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a triclabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a 5-hydroxythiabendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfon	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfoxid	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c aldicarb	12	0	0,0	0	0,0	0,00271	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	12	0	0,0	0	0,0	0,00438	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	12	0	0,0	0	0,0	0,00091	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	12	0	0,0	0	0,0	0,00158	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	12	0	0,0	0	0,0	0,00155	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	12	0	0,0	0	0,0	0,00667	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	12	0	0,0	0	0,0	0,00346	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e diclofenac	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e flufenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e vedaprofen	15	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	34	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	34	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	34	10	29,4	0	0,0	0,00096	n.d.	0,00191	0,00700	mg/kg
B3a endrin	34	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	34	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	34	5	14,7	0	0,0	0,00040	n.d.	0,00050	0,00180	mg/kg
B3a heptachlor	34	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	34	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	34	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	34	1	2,9	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	32	1	3,1	0	0,0	4,70884	n.d.	n.d.	21,68300	ng/g fat
B3c arsenic	27	4	14,8	0	0,0	0,00520	n.d.	0,00660	0,04000	mg/kg
B3c cadmium	27	1	3,7	0	0,0	0,00192	n.d.	n.d.	0,00250	mg/kg
B3c mercury	27	6	22,2	0	0,0	0,00037	n.d.	0,00054	0,00060	mg/kg
B3c lead	27	0	0,0	0	0,0	0,00489	n.d.	n.d.	0,00500	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 200 µg/kg	81	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	81	0	0	0	0	0
B1 flumequine	MRL - 200 µg/kg	81	0	0	0	0	0
B1 marbofloxacin	MRL - 150 µg/kg	81	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	81	0	0	0	0	0
B2a albendazole	MRL - 100 µg/kg	9	0	0	0	0	0
B2a clorsulon	MRL - 35 µg/kg	9	0	0	0	0	0
B2a closantel	MRL - 1000 µg/kg	9	0	0	0	0	0
B2a fenbendazole	MRL - 50 µg/kg	9	0	0	0	0	0
B2a nitroxinil	MRL - 400 µg/kg	9	0	0	0	0	0

cows - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a oxfendazole	MRL - 50 µg/kg	9	0	0	0	0	0
B2a rafoxanid	MRL text - 30 µg/kg	9	0	0	0	0	0
B2a thiabendazole	MRL - 100 µg/kg	9	0	0	0	0	0
B2a triclabendazole	MRL - 225 µg/kg	9	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	8	4	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	12	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	12	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	8	4	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2e carprofen	MRL - 500 µg/kg	15	0	0	0	0	0
B2e diclofenac	MRL - 5 µg/kg	9	6	0	0	0	0
B2e flunixin	MRL - 20 µg/kg	15	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	15	0	0	0	0	0
B2e tolfenamic acid	MRL - 50 µg/kg	15	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	34	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	34	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	34	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	31	1	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	27	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	27	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	27	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	27	0	0	0	0	0

cows - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	2	1	50,0	1	50,0	1,05550	1,05550	1,65990	1,81100	ng/g
B3a sum PCB	27	27	100,0	11	40,7	60,71470	48,36500	115,60000	185,00000	ng/g fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	ML - 40 ng/g fat	3	3	4	6	4	7

sampling date	cadastral district (sampl.)	origin	value
sum PCB			
1.6.2017	Plzeň-sever	Agrospolečnost Koryta s.r.o.	1,811 ng/g
5.4.2017	Klatovy	Agrospolečnost Koryta s.r.o.	112 ng/g fat
5.4.2017	Klatovy	Agrospolečnost Koryta s.r.o.	121 ng/g fat
25.4.2017	Klatovy	Agrospolečnost Koryta s.r.o.	185 ng/g fat
1.6.2017	Plzeň-sever	Agrospolečnost Koryta s.r.o.	76,25 ng/g fat
1.6.2017	Plzeň-sever	Agrospolečnost Koryta s.r.o.	109,56 ng/g fat
1.6.2017	Plzeň-sever	Agrospolečnost Koryta s.r.o.	125,58 ng/g fat
1.6.2017	Plzeň-sever	Agrospolečnost Koryta s.r.o.	69,878 ng/g fat
1.6.2017	Plzeň-sever	Agrospolečnost Koryta s.r.o.	84,996 ng/g fat
30.11.2017	Klatovy	Agrospolečnost Koryta s.r.o.	63 ng/g fat
30.11.2017	Klatovy	Agrospolečnost Koryta s.r.o.	101 ng/g fat
30.11.2017	Klatovy	Agrospolečnost Koryta s.r.o.	60 ng/g fat

cows - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	22	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	22	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	22	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	22	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	22	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	22	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	22	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substances	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tetracyclines	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	12	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	12	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	12	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	chlorpyrifos	9	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00250	mg/kg
B3b	chlorpyrifos-methyl	9	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg/kg
B3b	diazinone	9	0	0,0	0	0,0	0,00161	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	9	0	0,0	0	0,0	0,00194	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	9	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg/kg
B3b	pyrimiphosmethyl	9	0	0,0	0	0,0	0,00161	n.d.	n.d.	0,00200	mg/kg
B3c	cadmium	27	27	100,0	0	0,0	0,10533	0,07000	0,23320	0,35100	mg/kg
B3c	mercury	27	25	92,6	0	0,0	0,00199	0,00150	0,00336	0,00900	mg/kg
B3c	lead	27	20	74,1	0	0,0	0,02019	0,01800	0,04220	0,07000	mg/kg
B3d	aflatoxin B2	12	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	12	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,15000	µg/kg

cows - liver - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	abamectin	MRL - 20 µg/kg	6	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	6	0	0	0	0	0
B2a	eprinomectin	MRL - 1500 µg/kg	6	0	0	0	0	0
B2a	moxidectin	MRL - 100 µg/kg	6	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	12	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	12	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	12	0	0	0	0
B2b	monensin	MRL - 50 µg/kg	12	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	12	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	12	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	12	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	8	4	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	12	0	0	0	0
B3b	diazinone	MRL - 0,03 mg/kg	9	0	0	0	0	0
B3b	phorate	MRL - 0,02 mg/kg	9	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	24	3	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	25	1	1	0	0	0
B3c	lead	ML - 0,5 mg/kg	27	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	12	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	12	0	0	0	0	0

cows - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	79	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	betalactams	80	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substances	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tetracyclines	80	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d	acepromazine	13	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	13	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	13	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	13	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperidol - metabolite	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperidol	13	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	13	0	0,0	0	0,0	1,84615	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	27	27	100,0	**3**	**11,1**	0,53785	0,39700	1,05100	1,47000	mg/kg
B3c	mercury	27	27	100,0	**1**	**3,7**	0,00718	0,00500	0,00940	0,04700	mg/kg
B3c	lead	27	22	81,5	0	0,0	0,03974	0,03000	0,09260	0,12000	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d	carazolol	MRL - 15 µg/kg	13	0	0	0	0	0
B3c	cadmium	ML - 1 mg/kg	17	3	4	**3**	0	0
B3c	mercury	MRL - 0,01 mg/kg	13	5	6	**2***	0	**1**
B3c	lead	ML - 0,5 mg/kg	27	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

sampling date	cadastral district (sampl.)	origin	value
cadmium			
19.6.2017	Jihlava	Zem. družstvo Sněžné	1,47 mg/kg
20.4.2017	Blansko	ZD Myslejovice, družstvo	1,24 mg/kg
5.10.2017	Klatovy	VÁCLAV NOVÁK	1,299 mg/kg
mercury			
26.7.2017	Benešov	Zem. družstvo Čechtice	0,047 mg/kg

cows - kidney - suspect samples

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	betalactams	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tetracyclines	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B3c	cadmium	5	5	100,0	0	0,0	0,54160	0,55500	0,73300	0,77300	mg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c	cadmium	ML - 1 mg/kg	2	2	1	0	0	0

cows - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	11	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	11	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	51	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	51	7	13,7	0	0,0	1,40392	n.d.	4,20000	9,00000	µg/l
A2	methylthiouracil	51	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	51	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	7	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	24	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexametazon	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	7	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	24	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	7	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	7	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	7	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	stanazolol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-alfa-trenbolonee	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	beta-zearalenol	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	taleranol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	18	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4	zearalanon	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	brombuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	cimaterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenhexerol	18	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenproperol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenisopenterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	fenoterol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	labetalol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	18	0	0,0	0	0,0	3,85000	n.d.	n.d.	3,85000	µg/l
A5	pirbuterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l

cows - urine - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	ritodrin	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	salbutamol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	salmeterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	sotalol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	terbutalin	18	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	tulobuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	18	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	chloramphenicol	40	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

cows - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	11	0	0,0	0	0,0	0,71364	n.d.	n.d.	0,75000	µg/l
A6	dimetridazole	11	0	0,0	0	0,0	0,37273	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	11	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	11	0	0,0	0	0,0	0,36364	n.d.	n.d.	0,40000	µg/l
A6	metronidazole	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	11	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	11	0	0,0	0	0,0	0,36364	n.d.	n.d.	0,40000	µg/l
A6	tinidazol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

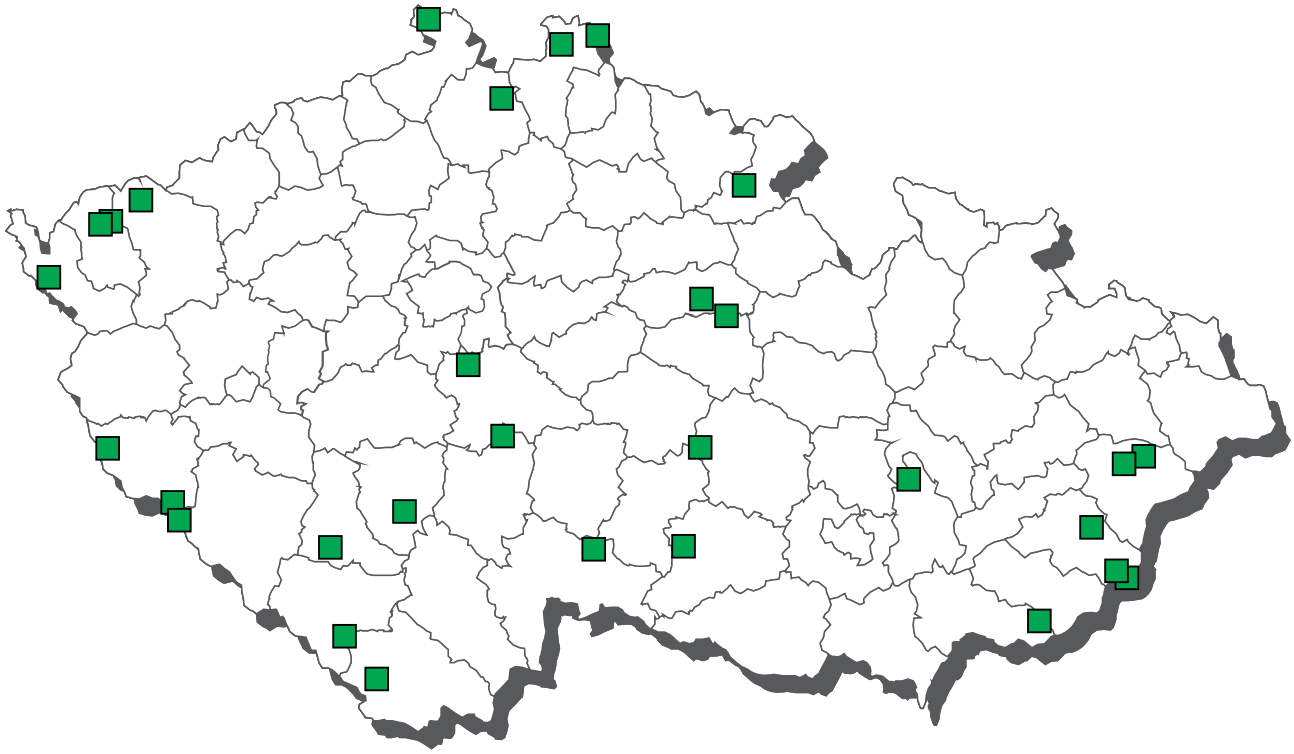
cows - hair - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	carbuterol	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	cimaterol	4	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	cimbuterol	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	clenbuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	chlorbrombuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clencyclohexerol	4	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A5	clenhexerol	4	0	0,0	0	0,0	3,25000	n.d.	n.d.	3,25000	µg/kg
A5	clenproperol	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	clenpenterol	4	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	clenisopenterol	4	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg/kg
A5	hydroxymethylclenbuterol	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	isoxsuprine	4	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A5	labetalol	4	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg/kg
A5	mabuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mapenterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	pirbuterol	4	0	0,0	0	0,0	1,20000	n.d.	n.d.	1,20000	µg/kg
A5	ractopamin	4	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ritodrin	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	salbutamol	4	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A5	salmeterol	4	0	0,0	0	0,0	1,55000	n.d.	n.d.	1,55000	µg/kg
A5	sotalol	4	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	terbutalin	4	0	0,0	0	0,0	4,30000	n.d.	n.d.	4,30000	µg/kg
A5	tulobuterol	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	zilpaterol	4	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg/kg

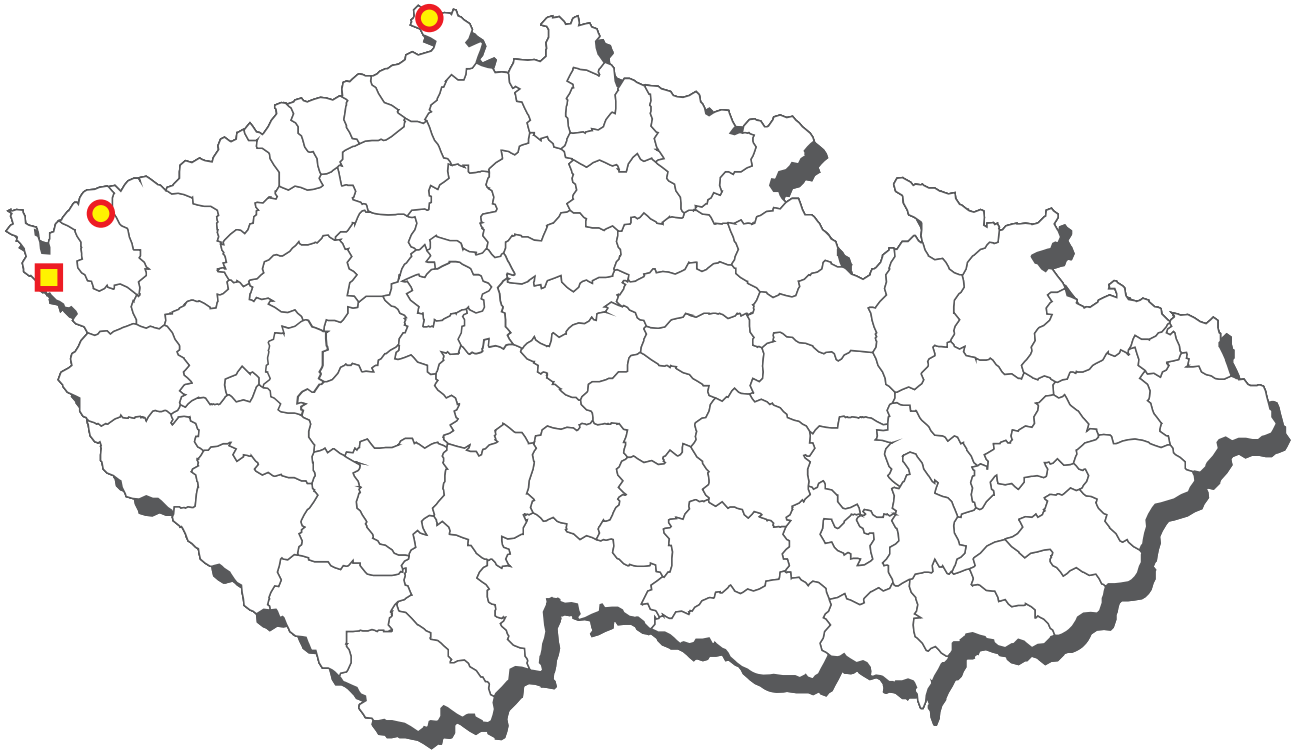
cows - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-acetoxyprogesteron	6	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	altrenogest	6	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chloromadinone acetate	6	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A3	megestrol acetate	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	melengestrol acetate	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	medroxyprogesterone ac.	6	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

CL 2017 - sampling of sheep



Sheep - non-compliant results 2017



WHO-PCDD/F-TEQ and WHO-PCDD/F-PCB-TEQ - liver

cadmium - kidney

sheep - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	7	0	0,0	0	0,0	6,42857	n.d.	n.d.	10,00000	µg/kg
B1	enrofloxacin	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	oxolinic acid	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	7	0	0,0	0	0,0	11,07143	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	albendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ketotriclabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	nitroxinil	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole sulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	5-hydroxythiabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfoxid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c	aldicarb	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg

sheep - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flufenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e metamizol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	2	1	50,0	0	0,0	0,00125	0,00125	0,00185	0,00200	mg/kg
B3a endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	1	50,0	0	0,0	15,93850	15,93850	25,08930	27,37700	ng/g fat
B3c arsenic	3	1	33,3	0	0,0	0,00583	n.d.	0,00900	0,01000	mg/kg
B3c cadmium	3	2	66,7	0	0,0	0,00250	0,00250	0,00290	0,00300	mg/kg
B3c mercury	3	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3c lead	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 200 µg/kg	7	0	0	0	0	0
B1 difloxacin	MRL - 400 µg/kg	7	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	7	0	0	0	0	0
B1 flumequine	MRL - 200 µg/kg	7	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	1	1	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	2	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	1	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	1	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	1	1	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	3	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	3	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	3	0	0	0	0	0

sheep - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substance	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	7	0	0,0	0	0,0	11,07143	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	maduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	chlorpyrifos	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	malathion	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	phorate	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	pyrimiphosmethyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3c	cadmium	3	3	100,0	0	0,0	0,28867	0,29700	0,49060	0,53900	mg/kg
B3c	mercury	3	2	66,7	0	0,0	0,00230	0,00240	0,00368	0,00400	mg/kg
B3c	lead	3	2	66,7	0	0,0	0,02067	0,02000	0,02960	0,03200	mg/kg
B3d	aflatoxin B2	1	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3f	WHO-PCDD/F-TEQ	3	3	100,0	**1**	**33,3**	0,89200	0,46800	1,58960	1,87000	pg/g
B3f	WHO-PCDD/F-PCB-TEQ	3	3	100,0	**1**	**33,3**	1,54367	0,95500	2,69500	3,13000	pg/g
B3f	2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	3	1	33,3	0	0,0	0,00390	n.d.	0,00572	0,00650	ng/g
B3f	2,2',4,4',5-PentaBDE	3	1	33,3	0	0,0	0,00547	n.d.	0,00780	0,00880	ng/g
B3f	2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	sum PCB	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g

sheep - liver - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a emamectin	MRL - 80 µg/kg	1	0	0	0	0	0
B2a eprinomectin	MRL - 1500 µg/kg	1	0	0	0	0	0
B2a moxidectin	MRL - 100 µg/kg	1	0	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	1	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	1	0	0	0	0	0
B2b lasalocid	ML - 50 µg/kg	1	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B2b monensin	ML - 8 µg/kg	1	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	1	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	1	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	1	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	1	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B3b diazinone	MRL - 0,03 mg/kg	1	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	1	1	0	1*	0	0
B3c mercury	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	3	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	1	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	1	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

sampling date	cadastral district (sampl.)	origin	value
WHO-PCDD/F-TEQ			
6.3.2017	Cheb	MARTIN ZÁBOJ	1,87 pg/g
WHO-PCDD/F-PCB-TEQ			
6.3.2017	Cheb	MARTIN ZÁBOJ	3,13 pg/g

sheep - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substance	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	1	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d carazolol	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d chlorpromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d haloperidol - metabolite	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d haloperidol	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d propionylpromazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d xylazine	1	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c cadmium	3	3	100,0	2	66,7	1,54967	1,76100	2,63300	2,85100	mg/kg
B3c mercury	3	3	100,0	0	0,0	0,00263	0,00200	0,00360	0,00400	mg/kg
B3c lead	3	3	100,0	0	0,0	0,02233	0,02000	0,02560	0,02700	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	ML - 1 mg/kg	1	0	0	0	1	1
B3c mercury	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	3	0	0	0	0	0

sampling date	cadastral district (sampl.)	origin	value
cadmium			
18.8.2017	Děčín	ZEMSPOL s.r.o.	1,761 mg/kg
11.10.2017	Sokolov	STATEK ŠINDELOVÁ, s.r.	2,851 mg/kg

sheep - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	1	1	100,0	1	100,0	3,09000	3,09000	3,09000	3,09000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	ML - 1 mg/kg	0	0	0	0	0	1

sampling date	cadastral district (sampl.)	origin	value
cadmium			
19.10.2017	Děčín	ZEMSPOL s.r.o.	3,09 mg/kg

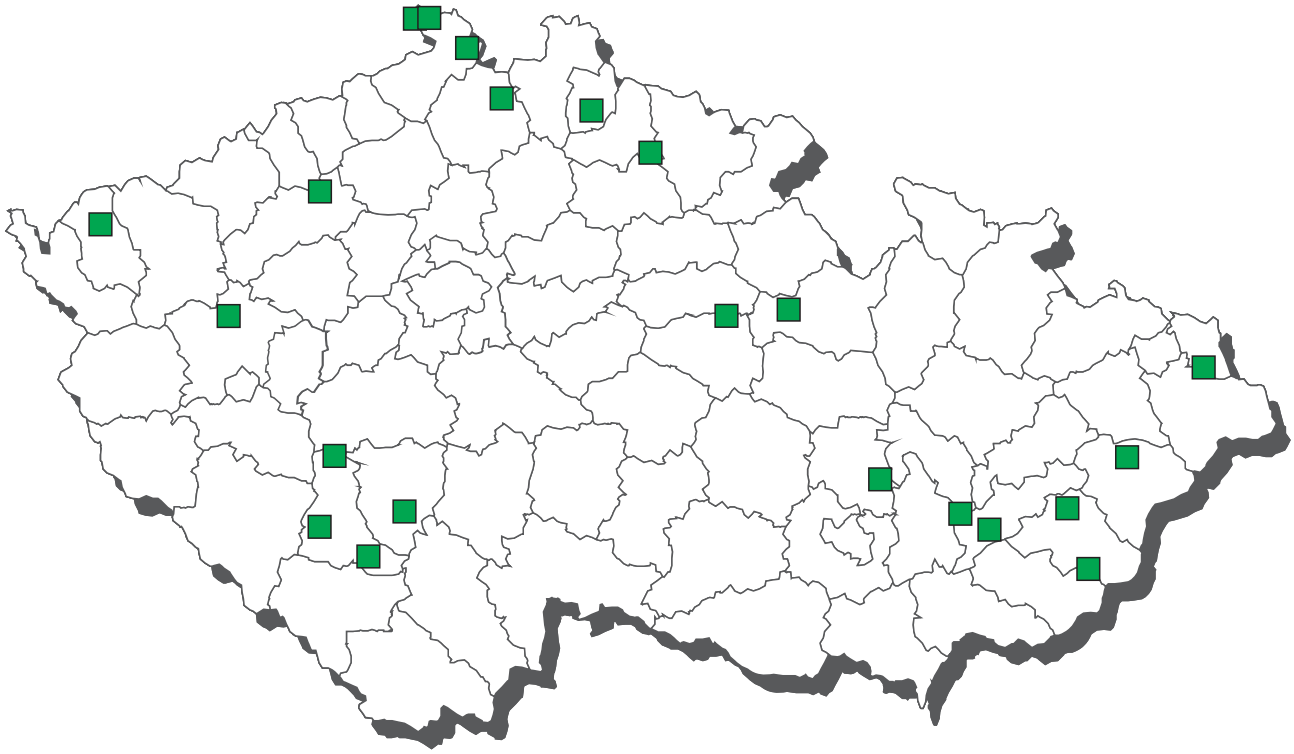
sheep - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1 diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1 dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1 hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2 tapazole	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2 thiouracil	2	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2 methylthiouracil	2	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2 propylthiouracil	2	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3 17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 methylboldenone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3 17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A4 alfa-zearalenol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 beta-zearalenol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 zearalenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4 zearalanon	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 zeranol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5 brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 carbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 clencyclohexerol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 clenhexerol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5 clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5 formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 isoxsuprine	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 labetalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	3,85000	n.d.	n.d.	3,85000	µg/l
A5 pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 ractopamin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5 salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 sotalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 terbutalin	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5 tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l

sheep - fat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxyprogesteron	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3 altrenogest	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3 chloromadinone acetate	1	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A3 megestrol acetate	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 melengestrol acetate	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3 medroxyprogesterone ac.	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

CL 2017 - sampling of goats



goats - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	4	0	0,0	0	0,0	6,25000	n.d.	n.d.	10,00000	µg/kg
B1	enrofloxacin	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	oxolinic acid	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	4	1	25,0	0	0,0	15,00000	n.d.	22,00000	25,00000	µg/kg
B1	sulfadimethoxine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	4	0	0,0	0	0,0	11,87500	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	oxfendazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	cadmium	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00050	0,00050	0,00050	0,00050	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	4	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	4	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	4	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	4	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0

goats - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	1	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	1	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	1	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	1	0	0	0	0	0

goats - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B1 betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substance	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 streptomycines	4	0	0,0	0	0,0	11,87500	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b decoquinat	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b narasin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b nicarbazin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b robenidin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b chlorpyrifos	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos-methyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b malathion	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b phorate	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b pyrimiphosmethyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3c cadmium	1	1	100,0	0	0,0	0,03600	0,03600	0,03600	0,03600	mg/kg
B3c mercury	1	1	100,0	0	0,0	0,00350	0,00350	0,00350	0,00350	mg/kg
B3c lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d aflatoxin B2	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a emamectin	MRL text - 80 µg/kg	1	0	0	0	0	0
B2a eprinomectin	MRL - 1500 µg/kg	1	0	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	1	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	1	0	0	0	0	0
B2b lasalocid	ML - 50 µg/kg	1	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B2b monensin	ML - 8 µg/kg	1	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	1	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	1	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	1	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	1	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B3b diazinone	MRL - 0,03 mg/kg	1	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	1	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	1	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	1	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	1	0	0	0	0	0

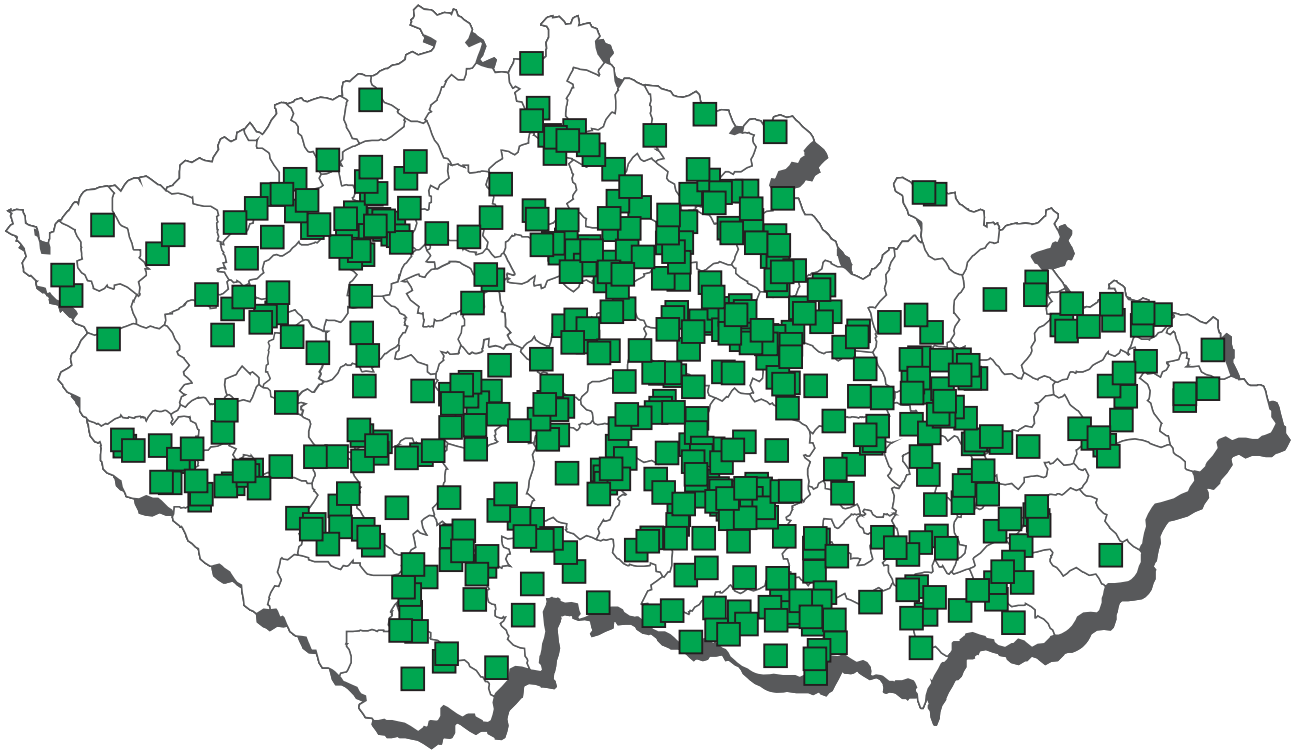
goats - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexametazon	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	beta-zearalenol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4	zearalanon	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenhexerol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	labetalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	3,85000	n.d.	n.d.	3,85000	µg/l
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	sotalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	terbutalin	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l

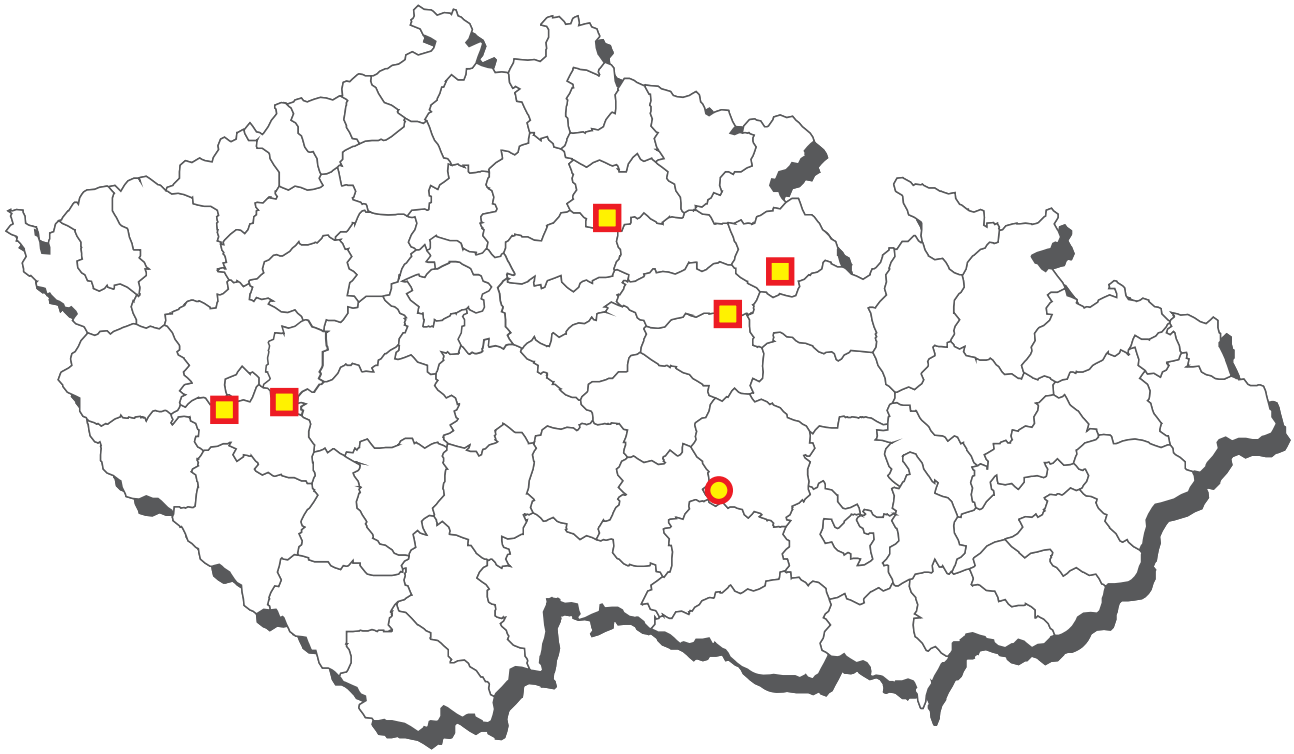
goats - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-acetoxyprogesteron	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	altrenogest	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chloromadinone acetate	1	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A3	megestrol acetate	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	melengestrol acetate	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	medroxyprogesterone ac.	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

CL 2017 - sampling of pigs



Pigs - non-compliant results 2017



chloramphenicol - serum

mercury - kidney

pigs - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	10	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A6	dapsone	20	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	chloramphenicol	142	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ornidazol	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	secnidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	30	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	tinidazol	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	aminoglycosides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	160	0	0,0	0	0,0	11,62500	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	160	0	0,0	0	0,0	11,62500	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	160	0	0,0	0	0,0	11,62500	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	160	0	0,0	0	0,0	11,62500	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	160	0	0,0	0	0,0	11,62500	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	160	0	0,0	0	0,0	11,62500	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substance	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	160	0	0,0	0	0,0	11,18750	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	61	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	160	0	0,0	0	0,0	11,78125	n.d.	n.d.	12,50000	µg/kg
B1	tiamulin	61	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	159	0	0,0	0	0,0	7,50000	n.d.	n.d.	12,50000	µg/kg
B2a	albendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ketotriclabendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	nitroxinil	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	23	0	0,0	0	0,0	7,43478	n.d.	n.d.	25,00000	µg/kg
B2a	fenbendazole sulfon	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazol	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

pigs - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a triclabendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a 5-hydroxythiabendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfon	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a triclabendazole sulfoxid	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c aldicarb	85	0	0,0	0	0,0	0,00316	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	85	0	0,0	0	0,0	0,00516	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	85	0	0,0	0	0,0	0,00075	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	85	0	0,0	0	0,0	0,00132	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	85	0	0,0	0	0,0	0,00128	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	85	0	0,0	0	0,0	0,00811	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	85	0	0,0	0	0,0	0,00611	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	85	0	0,0	0	0,0	0,00315	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	85	0	0,0	0	0,0	0,00611	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	50	0	0,0	0	0,0	1,67500	n.d.	n.d.	2,50000	µg/kg
B2e flufenamic acid	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	50	0	0,0	0	0,0	1,67500	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	50	0	0,0	0	0,0	1,67500	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	50	0	0,0	0	0,0	1,67500	n.d.	n.d.	2,50000	µg/kg
B2e vedaprofen	50	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2f desoxy-carbadox	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B2f 3-methylquinoxaline-2-carboxyli	10	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,12500	µg/kg
B2f quinoxaline-2-carboxylic acid	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3a aldrin, dieldrin (sum)	107	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	107	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	107	6	5,6	0	0,0	0,00089	n.d.	n.d.	0,03000	mg/kg
B3a endrin	107	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	107	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	107	8	7,5	0	0,0	0,00031	n.d.	n.d.	0,00490	mg/kg
B3a heptachlor	107	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	107	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	107	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	107	1	0,9	0	0,0	0,00026	n.d.	n.d.	0,00090	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	105	0	0,0	0	0,0	4,02857	n.d.	n.d.	4,50000	ng/g fat
B3c arsenic	50	0	0,0	0	0,0	0,00315	n.d.	n.d.	0,00500	mg/kg
B3c cadmium	50	2	4,0	0	0,0	0,00224	n.d.	n.d.	0,00800	mg/kg
B3c mercury	50	14	28,0	0	0,0	0,00040	n.d.	0,00060	0,00150	mg/kg
B3c lead	50	1	2,0	0	0,0	0,00516	n.d.	n.d.	0,01300	mg/kg
B3f WHO-PCDD/F-TEQ	3	2	66,7	0	0,0	0,30667	0,36600	0,37160	0,37300	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,41267	0,41300	0,42100	0,42300	pg/g fat
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	3	2	66,7	0	0,0	0,00783	0,00840	0,01168	0,01250	ng/g
B3f 2,2',4,4',5-PentaBDE	3	1	33,3	0	0,0	0,00550	n.d.	0,00788	0,00890	ng/g
B3f 2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f sum PCB	3	1	33,3	0	0,0	6,12967	n.d.	8,41120	9,38900	ng/g fat

pigs - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	160	0	0	0	0	0
B1 difloxacin	MRL - 400 µg/kg	160	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	160	0	0	0	0	0
B1 flumequine	MRL - 200 µg/kg	160	0	0	0	0	0
B1 marbofloxacin	MRL - 150 µg/kg	160	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 valnemulin	MRL - 50 µg/kg	159	0	0	0	0	0
B2a fenbendazole	MRL - 50 µg/kg	11	0	0	0	0	0
B2a flubendazol	MRL - 50 µg/kg	11	0	0	0	0	0
B2a levamisole	MRL - 10 µg/kg	11	0	0	0	0	0
B2a oxibendazol	MRL - 100 µg/kg	11	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	18	5	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	51	34	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	85	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	85	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	51	34	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2e diclofenac	MRL - 5 µg/kg	33	17	0	0	0	0
B2e flunixin	MRL - 50 µg/kg	50	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	50	0	0	0	0	0
B2e tolfenamic acid	MRL - 50 µg/kg	50	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	107	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	107	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	107	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	105	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	50	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	50	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	50	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	50	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 1 pg/g fat	3	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 1,25 pg/g fat	3	0	0	0	0	0
B3f sum PCB	ML - 40 ng/g fat	3	0	0	0	0	0

pigs - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-boldenone	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chlortestosterone	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	ethinylestradiol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	methyltestosterone	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-alfa-19-nortestosterone	10	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A3	17-beta-19-nortestosterone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	norclostebol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	brombuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	70	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	70	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	70	0	0,0	0	0,0	0,14857	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	70	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	70	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	70	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	70	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substance	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	160	1	0,6	0	0,0	12,16563	n.d.	n.d.	74,00000	µg/kg
B1	tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	77	1	1,3	0	0,0	3,20260	n.d.	n.d.	56,60000	µg/kg
B2a	moxidectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	30	0	0,0	0	0,0	1,65000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	chlorpyrifos	30	0	0,0	0	0,0	0,00160	n.d.	n.d.	0,00250	mg/kg
B3b	chlorpyrifos-methyl	30	0	0,0	0	0,0	0,00202	n.d.	n.d.	0,00250	mg/kg
B3b	diazinone	30	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	30	0	0,0	0	0,0	0,00222	n.d.	n.d.	0,00500	mg/kg
B3b	phorate	30	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00500	mg/kg
B3b	pyrimiphosmethyl	30	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00200	mg/kg
B3c	cadmium	50	50	100,0	0	0,0	0,02978	0,02200	0,05030	0,16800	mg/kg
B3c	mercury	50	37	74,0	0	0,0	0,00119	0,00095	0,00252	0,00600	mg/kg
B3c	lead	50	6	12,0	0	0,0	0,00706	n.d.	0,01000	0,05000	mg/kg
B3d	aflatoxin B2	15	0	0,0	0	0,0	0,05500	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	15	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,15000	µg/kg

pigs - liver - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a doramectin	MRL - 100 µg/kg	77	0	0	0	0	0
B2a emamectin	MRL - 80 µg/kg	77	0	0	0	0	0
B2a ivermectin	MRL - 100 µg/kg	76	1	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	30	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	30	0	0	0	0	0
B2b lasalocid	ML - 50 µg/kg	30	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	30	0	0	0	0
B2b monensin	ML - 8 µg/kg	30	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	30	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	30	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	30	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	24	6	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	30	0	0	0	0
B3b diazinone	MRL - 0,03 mg/kg	30	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	30	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	30	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	50	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	49	1	0	0	0	0
B3c lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	15	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	15	0	0	0	0	0

pigs - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substance	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d acepromazine	35	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	35	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	35	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d carazolol	35	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d chlorpromazine	35	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d haloperidol - metabolite	35	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d haloperidol	35	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d propionylpromazine	35	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d xylazine	35	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,00000	µg/kg
B3c cadmium	50	50	100,0	0	0,0	0,14802	0,11950	0,22380	0,68000	mg/kg
B3c mercury	50	49	98,0	5	10,0	0,00445	0,00215	0,00870	0,04600	mg/kg
B3c lead	50	2	4,0	0	0,0	0,00840	n.d.	n.d.	0,09000	mg/kg
B3d ochratoxin A	15	4	26,7	0	0,0	0,10000	n.d.	0,17200	0,19000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d azaperol	MRL - 100 µg/kg	35	0	0	0	0	0
B2d azaperone	MRL - 100 µg/kg	35	0	0	0	0	0
B2d carazolol	MRL - 25 µg/kg	35	0	0	0	0	0
B3c cadmium	ML - 1 mg/kg	49	1	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	39	4	2	3	0	2
B3c lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3d ochratoxin A	AL - 10 µg/kg	15	0	0	0	0	0

sampling date	cadastral district (sampl.)	origin	value
mercury			
2.6.2017	Kroměříž	DŽV Rychnov nad Kněžnou a.s.	0,0228 mg/kg
2.6.2017	Jičín	MAVE Jičín, a. s.	0,046 mg/kg
26.9.2017	Blansko	MORAS akciová společnost	0,0119 mg/kg
14.6.2017	Plzeň-jih	Vysoká, a. s.	0,0123 mg/kg
13.7.2017	Plzeň-jih	I N T E G R O a. s.	0,0105 mg/kg

pigs - kidney - suspect samples

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c	mercury	2	2	100,0	2	100,0	0,01900	0,01900	0,01900	0,01900	mg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	2*	0

* not comply with the MRL of 0.01 mg / kg (Regulation 396/2005)

sampling date	cadastral district (sampl.)	origin	value
mercury			
27.6.2017	Jičín	DŽV Rychnov nad Kněžnou a.s.	0,019 mg/kg
27.6.2017	Jičín	DŽV Rychnov nad Kněžnou a.s.	0,019 mg/kg

pigs - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	14	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	14	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	14	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	48	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	48	2	4,2	0	0,0	0,88542	n.d.	n.d.	6,00000	µg/l
A2	methylthiouracil	48	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	48	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	40	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	72	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	72	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexametazon	40	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	40	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	72	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	40	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	72	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	72	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	72	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	40	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	40	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	25	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	stanazolol	25	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-alfa-trenbolonee	13	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	40	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	37	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	beta-zearalenol	37	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	taleranol	37	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	37	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4	zearalanon	37	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	37	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	brombuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	cimaterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenbuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenhexerol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenproperol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenisopenterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	fenoterol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	labetalol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	5	0	0,0	0	0,0	3,85000	n.d.	n.d.	3,85000	µg/l
A5	pirbuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	ritodrin	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	salbutamol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	salmeterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l

pigs - urine - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	sotalol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	terbutalin	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	tulobuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	chloramphenicol	28	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

pigs - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoát	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	ng/l
A3	testosteron benzoát	4	0	0,0	0	0,0	8,50000	n.d.	n.d.	8,50000	ng/l
A3	testosteron dekanoát	4	0	0,0	0	0,0	6,00000	n.d.	n.d.	6,00000	ng/l
A3	testosteron isokapronát	4	0	0,0	0	0,0	23,00000	n.d.	n.d.	23,00000	ng/l
A3	testosteron propionát	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/l
A6	carnidazol	46	0	0,0	0	0,0	0,72500	n.d.	n.d.	0,75000	µg/l
A6	dimetridazole	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	46	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	chloramphenicol	10	1	10,0	**1**	**10,0**	0,15700	n.d.	0,15700	1,30000	µg/l
A6	ipronidazole-OH	46	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	46	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	46	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,40000	µg/l
A6	metronidazole	46	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	46	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	46	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	46	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,40000	µg/l
A6	tinidazol	46	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

sampling date	cadastral district (sampling)	origin	value
chloramphenicol			
26.10.2017	Žďár nad Sázavou	AGROFARM, a.s.	1,3 µg/l

pigs - serum - suspect samples

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	chloramphenicol	9	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

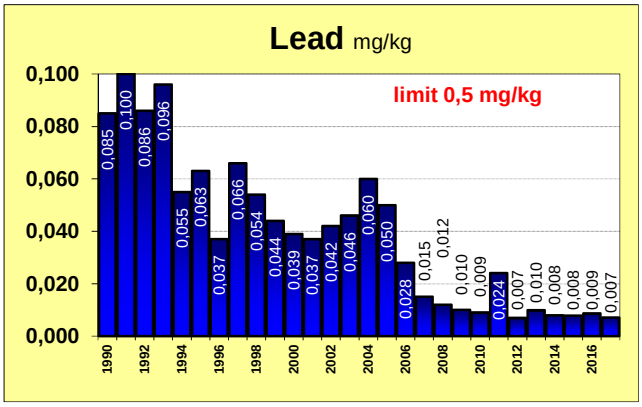
pigs - hair - monitoring

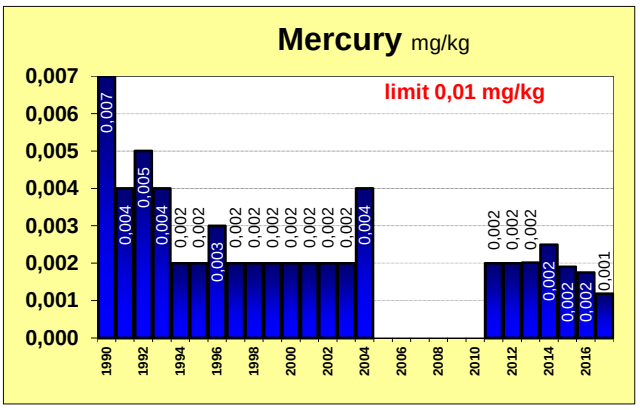
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoát	5	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A3	testosteron benzoát	5	0	0,0	0	0,0	3,10000	n.d.	n.d.	3,10000	µg/kg
A3	testosteron dekanoát	5	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/kg
A3	testosteron isokapronát	5	0	0,0	0	0,0	3,75000	n.d.	n.d.	3,75000	µg/kg
A3	testosteron propionát	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

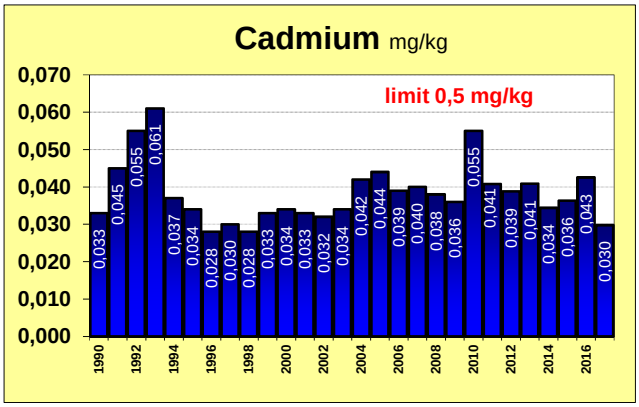
pigs - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-acetoxyprogesteron	51	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	altrenogest	51	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chloromadinone acetate	51	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A3	megestrol acetate	51	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	melengestrol acetate	51	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	medroxyprogesterone ac.	51	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

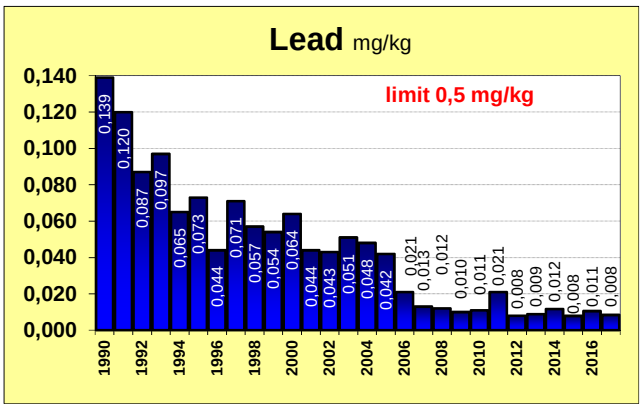
The average content of contaminants in the liver of pigs

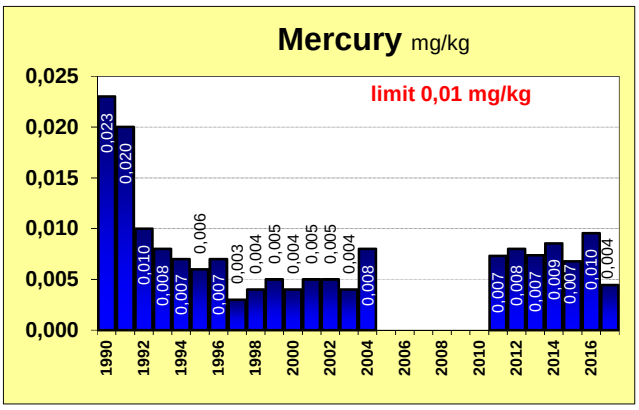


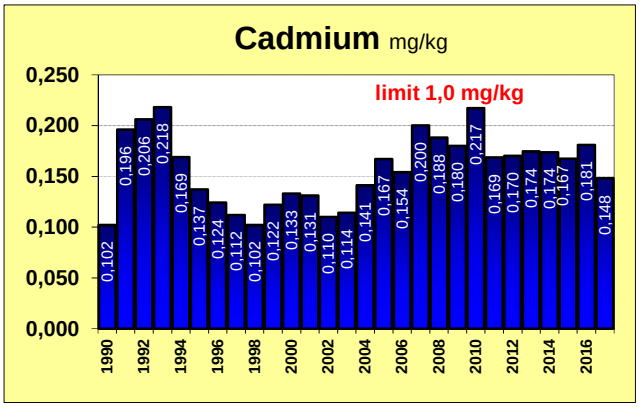




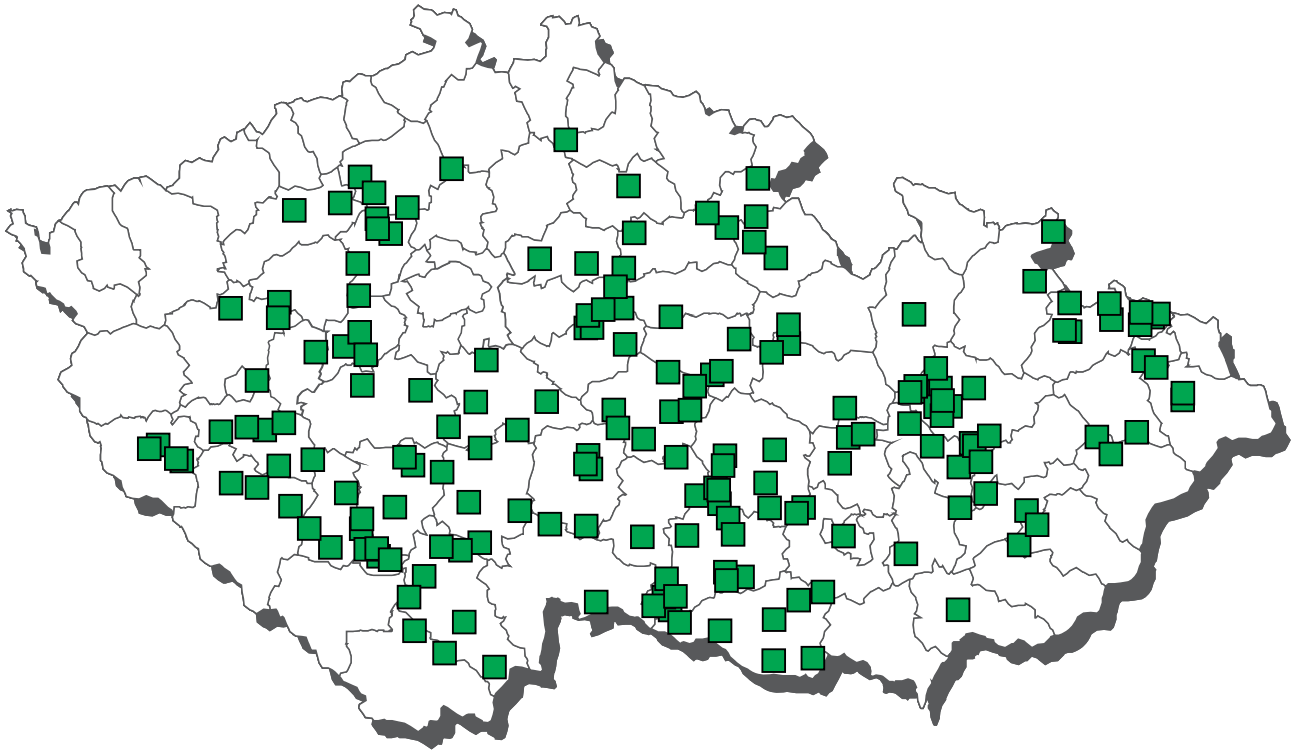
The average content of contaminants in the kidney of pigs







CL 2017 - sampling of sows



Sows - non-compliant results 2017

- sulfamethoxazol - muscle, kidney
- trimetoprim - muscle, liver, kidney
- benzylpenicilin - kidney

sows - muscle - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	amoxicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	benzylpenicilin	1	1	100,0	0	0,0	46,00000	46,00000	46,00000	46,00000	µg/kg
B1	cloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	230	0	0,0	0	0,0	11,43478	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	230	0	0,0	0	0,0	11,43478	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	230	1	0,4	0	0,0	11,46957	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	230	0	0,0	0	0,0	11,43478	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	quinolones	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	230	0	0,0	0	0,0	11,43478	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	230	0	0,0	0	0,0	11,43478	n.d.	n.d.	25,00000	µg/kg
B1	penicilin V	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	230	1	0,4	**1**	**0,4**	12,19217	n.d.	n.d.	349,20000	µg/kg
B1	sulfadiazine	230	0	0,0	0	0,0	10,73913	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	230	0	0,0	0	0,0	11,86957	n.d.	n.d.	12,50000	µg/kg
B1	tiamulin	98	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	trimetoprim	1	1	100,0	**1**	**100,0**	86,40000	86,40000	86,40000	86,40000	µg/kg
B1	tetracyclines	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	230	0	0,0	0	0,0	7,41304	n.d.	n.d.	12,50000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	230	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	230	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	230	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	230	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	230	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	229	0	0	0	0	**1**
B1	sulfadiazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	trimetoprim	MRL - 50 µg/kg	1	0	0	0	**1**	0
B1	valnemulin	MRL - 50 µg/kg	230	0	0	0	0	0

sampling date	cadastral district (sampl.)	origin	value
sulfamethoxazole			
6.2.2017	Opava	MILOTICKÝ HOSPODÁŘ, spol. s r.o.	349,2 µg/kg
trimetoprim			
6.2.2017	Opava	MILOTICKÝ HOSPODÁŘ, spol. s r.o.	86,4 µg/kg

sows - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	amoxicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	229	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	benzylpenicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dihydrostreptomycin	1	1	100,0	0	0,0	445,20000	445,20000	445,20000	445,20000	µg/kg
B1	dicloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	penicilin V	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfamethoxazole	1	1	100,0	0	0,0	84,50000	84,50000	84,50000	84,50000	µg/kg
B1	spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	230	6	2,6	0	0,0	16,52174	n.d.	n.d.	524,00000	µg/kg
B1	trimetoprim	1	1	100,0	**1**	**100,0**	364,30000	364,30000	364,30000	364,30000	µg/kg
B1	tetracyclines	229	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#

sampling date	cadastral district (sampl.)	origin	value
trimetoprim			
6.2.2017	Opava	MILOTICKÝ HOSPODÁŘ, spol. s r.o.	364,3 µg/kg

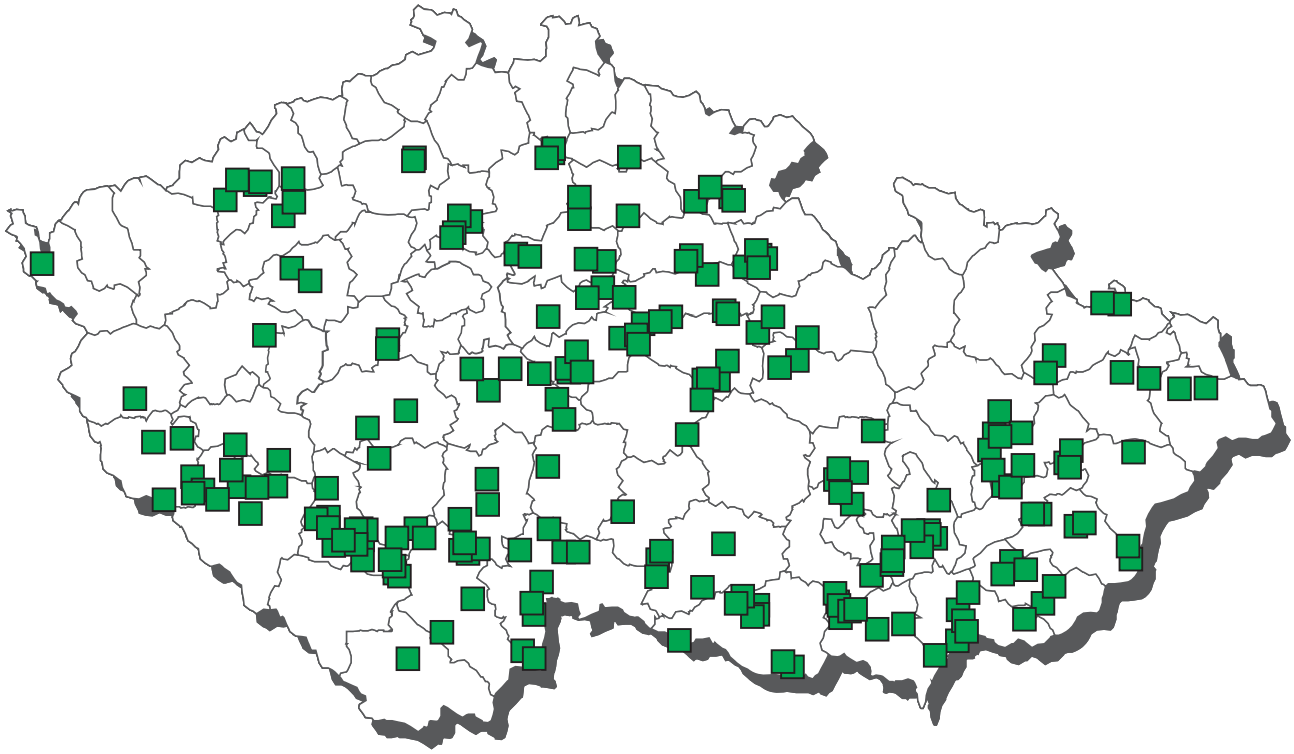
sows - kidney - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	228	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	amoxicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	228	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	benzylpenicilin	1	1	100,0	**1**	**100,0**	349,00000	349,00000	349,00000	349,00000	µg/kg
B1	cloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dihydrostreptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	neomycin (incl. framycetin)	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	penicilin V	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	3	1	33,3	**1**	**33,3**	722,16667	n.d.	1712,20000	2136,50000	µg/kg
B1	sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
B1	trimetoprim	1	1	100,0	**1**	**100,0**	868,30000	868,30000	868,30000	868,30000	µg/kg
B1	tetracyclines	228	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

sows - kidney - monitoring - (continuation)

sampling date	cadastral district (sampl.)	origin	value
benzylpenicilin			
3.10.2017	Havlíčkův Brod	Zem. společnost Horní Krupá, a.s.	349 µg/kg
sulfamethoxazole			
6.2.2017	Opava	MILOTICKÝ HOSPODÁŘ, spol. s r.o.	2136,5 µg/kg
trimetoprim			
6.2.2017	Opava	MILOTICKÝ HOSPODÁŘ, spol. s r.o.	868,3 µg/kg

CL 2017 - sampling of chicken



chicken - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	9	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	9	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	13	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	13	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	13	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	13	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	13	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	13	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	8	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	13	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	13	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	35	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	35	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	35	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	27	0	0,0	0	0,0	0,80556	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	8	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	27	0	0,0	0	0,0	0,18704	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	27	0	0,0	0	0,0	0,11852	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	119	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	27	0	0,0	0	0,0	0,11852	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	27	0	0,0	0	0,0	0,08704	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	27	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	27	0	0,0	0	0,0	0,12407	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	27	0	0,0	0	0,0	0,28704	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	27	0	0,0	0	0,0	0,15556	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	27	0	0,0	0	0,0	0,25556	n.d.	n.d.	0,35000	µg/kg
A6	SEM	35	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	27	0	0,0	0	0,0	0,35556	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	27	0	0,0	0	0,0	0,37963	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	107	0	0,0	0	0,0	12,10280	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	107	0	0,0	0	0,0	12,10280	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	107	0	0,0	0	0,0	12,10280	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	107	0	0,0	0	0,0	12,10280	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	62	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	107	0	0,0	0	0,0	12,10280	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	107	0	0,0	0	0,0	12,10280	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substances	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	49	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	107	0	0,0	0	0,0	10,42056	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	49	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	107	0	0,0	0	0,0	12,03271	n.d.	n.d.	12,50000	µg/kg
B1	tiamulin	49	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	105	0	0,0	0	0,0	7,71429	n.d.	n.d.	12,50000	µg/kg
B2a	albendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	23	0	0,0	0	0,0	3,08696	n.d.	n.d.	5,00000	µg/kg
B2a	mebendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

chicken - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a rafoxanid	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a thiabendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a triclabendazole (sum)	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c aldicarb	23	0	0,0	0	0,0	0,00304	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	23	0	0,0	0	0,0	0,00478	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	23	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	23	0	0,0	0	0,0	0,00137	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	23	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	23	0	0,0	0	0,0	0,00761	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	23	0	0,0	0	0,0	0,00587	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	23	0	0,0	0	0,0	0,00337	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	23	0	0,0	0	0,0	0,00587	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flufenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e metamizol	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	18	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	18	2	11,1	0	0,0	0,00074	n.d.	0,00066	0,00500	mg/kg
B3a endrin	18	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	18	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	18	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	18	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	16	0	0,0	0	0,0	3,84375	n.d.	n.d.	4,50000	ng/g fat
B3a trans-heptachlorepoxid	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3c arsenic	13	1	7,7	0	0,0	0,00508	n.d.	n.d.	0,02600	mg/kg
B3c cadmium	13	0	0,0	0	0,0	0,00204	n.d.	n.d.	0,00250	mg/kg
B3c mercury	13	6	46,2	0	0,0	0,00049	n.d.	0,00068	0,00100	mg/kg
B3c lead	13	1	7,7	0	0,0	0,00538	n.d.	n.d.	0,01000	mg/kg
B3f WHO-PCDD/F-TEQ	2	2	100,0	0	0,0	0,01885	0,01885	0,02041	0,02080	pg/g
B3f WHO-PCDD/F-TEQ	1	0	0,0	0	0,0	0,18100	n.d.	n.d.	0,18100	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,02310	0,02310	0,02734	0,02840	pg/g
B3f WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,40800	0,40800	0,40800	0,40800	pg/g fat
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	3	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f 2,2',4,4',5-PentaBDE	3	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f 2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3f sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

chicken - muscle - monitoring - (continuation)

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	107	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	107	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	107	0	0	0	0	0
B1	flumequine	MRL - 400 µg/kg	107	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	107	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	11	12	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	11	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	15	8	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	23	0	0	0	0	0
B2c	cypermethrin	MRL - 0,01 mg/kg	23	0	0	0	0	0
B2c	deltamethrin	MRL - 0,01 mg/kg	23	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	23	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	15	8	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	23	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	23	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	18	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	18	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	18	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	16	0	0	0	0	0
B3c	arsenic	AL - 0,1 mg/kg	13	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	13	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	13	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	13	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 1,75 pg/g fat	1	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 3 pg/g fat	1	0	0	0	0	0
B3f	sum PCB	ML - 40 ng/g fat	1	0	0	0	0	0

chicken - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zearalanon	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	17	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	17	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

chicken - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	hydroxymethylclenbuterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	17	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	17	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	17	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	17	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	aminoglycosides	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	betalactams	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substances	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	107	0	0,0	0	0,0	12,03271	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	50	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	49	0	0,0	0	0,0	1,58163	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	50	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	50	0	0,0	0	0,0	2,02000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	50	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	µg/kg
B2b	monensin	50	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	50	2	4,0	0	0,0	1,76980	n.d.	n.d.	8,40000	µg/kg
B2b	nicarbazin	50	30	60,0	0	0,0	44,44700	6,19000	144,59000	612,60000	µg/kg
B2b	robenidin	50	1	2,0	0	0,0	1,77960	n.d.	n.d.	11,48000	µg/kg
B2b	salinomycin	50	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	50	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	13	13	100,0	0	0,0	0,01054	0,00800	0,01780	0,02100	mg/kg
B3c	mercury	13	7	53,8	0	0,0	0,00071	0,00050	0,00118	0,00120	mg/kg
B3c	lead	13	3	23,1	0	0,0	0,00692	n.d.	0,01000	0,02000	mg/kg
B3d	aflatoxin B2	17	0	0,0	0	0,0	0,05441	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	17	0	0,0	0	0,0	0,10294	n.d.	n.d.	0,15000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	MRL - 1000 µg/kg	50	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	50	0	0	0	0	0
B2b	maduramicin	MRL - 150 µg/kg	50	0	0	0	0	0
B2b	monensin	MRL - 8 µg/kg	50	0	0	0	0	0
B2b	narasin	MRL - 50 µg/kg	50	0	0	0	0	0
B2b	nicarbazin	MRL - 15000 µg/kg	50	0	0	0	0	0
B2b	robenidin	MRL - 800 µg/kg	50	0	0	0	0	0
B2b	salinomycin	MRL - 5 µg/kg	31	19	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	13	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	13	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	13	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	17	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	17	0	0	0	0	0

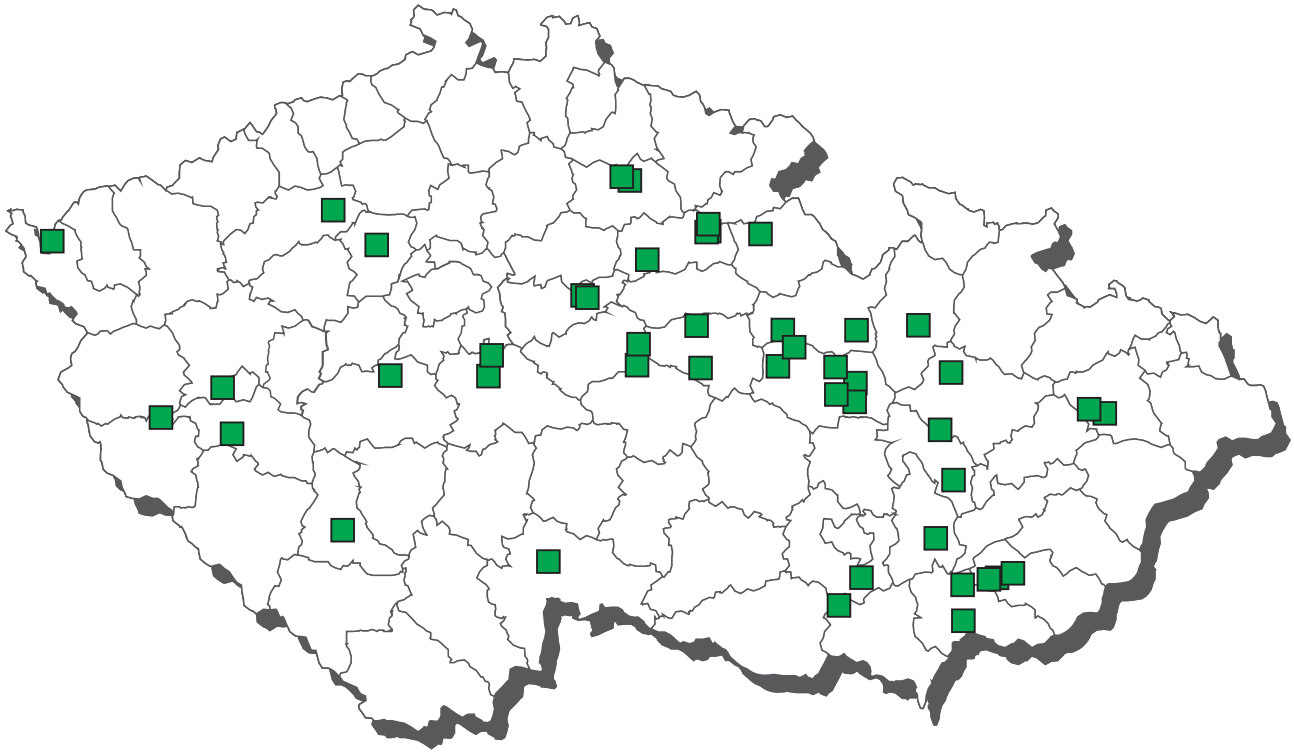
chicken - feather - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	6	0	0,0	0	0,0	14,25000	n.d.	n.d.	14,25000	µg/kg
A6	dimetridazole	6	0	0,0	0	0,0	2,75000	n.d.	n.d.	2,75000	µg/kg
A6	HMMNI	6	0	0,0	0	0,0	2,85000	n.d.	n.d.	2,85000	µg/kg
A6	ipronidazole-OH	6	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A6	ipronidazole	6	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/kg
A6	MNZOH	6	0	0,0	0	0,0	3,25000	n.d.	n.d.	3,25000	µg/kg
A6	metronidazole	6	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A6	ornidazol	6	0	0,0	0	0,0	5,65000	n.d.	n.d.	5,65000	µg/kg
A6	ronidazole	6	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg
A6	secnidazol	6	0	0,0	0	0,0	6,40000	n.d.	n.d.	6,40000	µg/kg
A6	ternidazol	6	0	0,0	0	0,0	4,65000	n.d.	n.d.	4,65000	µg/kg
A6	tinidazol	6	0	0,0	0	0,0	5,55000	n.d.	n.d.	5,55000	µg/kg

chicken - serum - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	26	0	0,0	0	0,0	0,73654	n.d.	n.d.	0,75000	µg/l
A6	dimetridazole	26	0	0,0	0	0,0	0,32692	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	26	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	26	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	26	0	0,0	0	0,0	0,38654	n.d.	n.d.	0,40000	µg/l
A6	metronidazole	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	26	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	26	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	26	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	26	0	0,0	0	0,0	0,38654	n.d.	n.d.	0,40000	µg/l
A6	tinidazol	26	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

CL 2017 - sampling of hens



hens - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	4	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	5	0	0,0	0	0,0	0,81000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	5	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	5	0	0,0	0	0,0	0,12000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	5	0	0,0	0	0,0	0,12000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	5	0	0,0	0	0,0	0,09000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	5	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	5	0	0,0	0	0,0	0,13000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	5	0	0,0	0	0,0	0,29000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	5	0	0,0	0	0,0	0,16000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	5	0	0,0	0	0,0	0,26000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	5	0	0,0	0	0,0	0,36000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	5	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	10	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	10	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tiamulin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	10	0	0,0	0	0,0	9,50000	n.d.	n.d.	12,50000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	3,00000	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	8	0	0,0	0	0,0	0,00344	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	8	0	0,0	0	0,0	0,00531	n.d.	n.d.	0,01000	mg/kg
B2c	lambda-cyhalothrin	8	0	0,0	0	0,0	0,00066	n.d.	n.d.	0,00100	mg/kg
B2c	cypermethrin	8	0	0,0	0	0,0	0,00113	n.d.	n.d.	0,00150	mg/kg
B2c	deltamethrin	8	0	0,0	0	0,0	0,00109	n.d.	n.d.	0,00150	mg/kg

hens - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2c methiocarb	8	0	0,0	0	0,0	0,00875	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	8	0	0,0	0	0,0	0,00688	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	8	0	0,0	0	0,0	0,00328	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	8	0	0,0	0	0,0	0,00688	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a chlordan	8	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	8	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00055	mg/kg
B3a endrin	8	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	8	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	8	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a heptachlor	8	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	8	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a beta-HCH	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a sum PCB	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	4	0	0,0	0	0,0	4,12500	n.d.	n.d.	4,50000	ng/g fat
B3a trans-heptachlorepoxid	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3c arsenic	8	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c cadmium	8	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c mercury	8	1	12,5	0	0,0	0,00024	n.d.	0,00029	0,00050	mg/kg
B3c lead	8	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c aldicarb	MRL - 0,01 mg/kg	5	3	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	8	0	0	0	0	0
B2c cypermethrin	MRL - 0,01 mg/kg	8	0	0	0	0	0
B2c deltamethrin	MRL - 0,01 mg/kg	8	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	8	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	5	3	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	8	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	8	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	8	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	8	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	8	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	8	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	8	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	8	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	4	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	8	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	8	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	8	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	8	0	0	0	0	0

hens - liver - monitoring

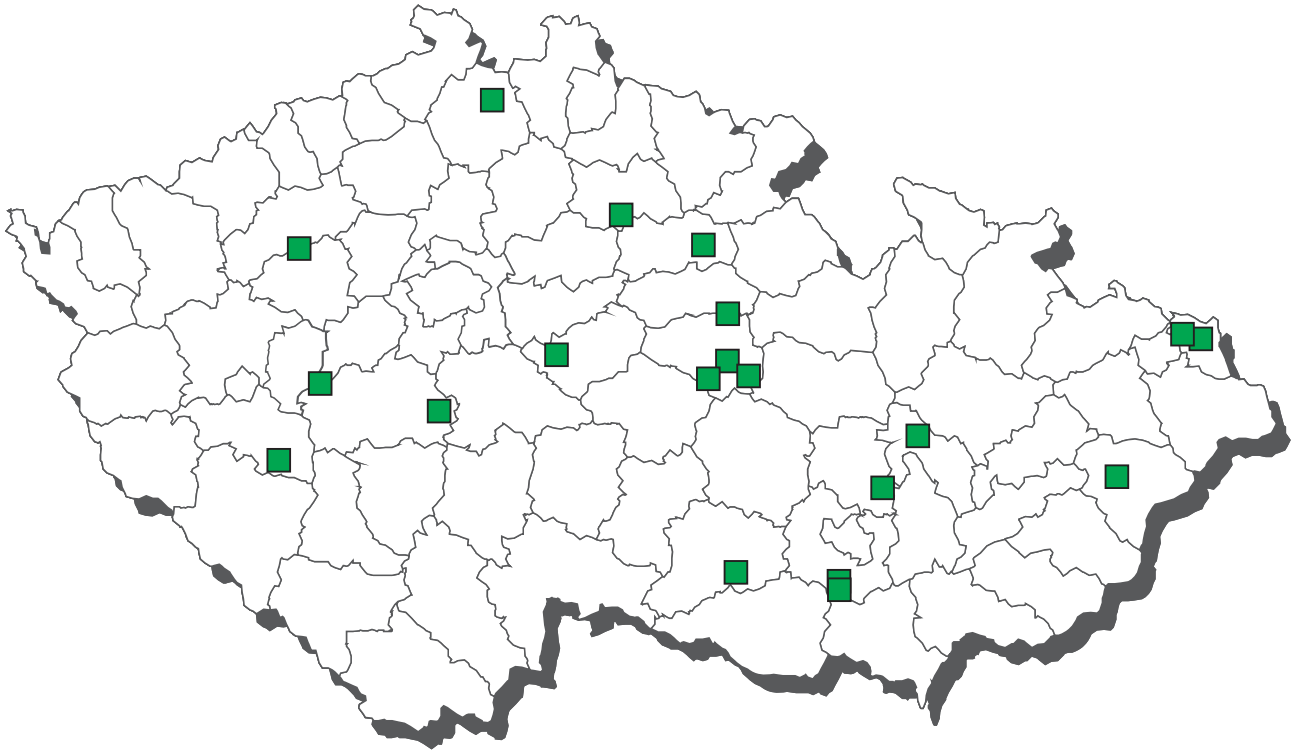
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	21	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	21	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	21	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	8	8	100,0	0	0,0	0,12450	0,11500	0,17220	0,21000	mg/kg
B3c	mercury	8	6	75,0	0	0,0	0,00069	0,00055	0,00130	0,00130	mg/kg
B3c	lead	8	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d	aflatoxin B2	7	0	0,0	0	0,0	0,06071	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	7	0	0,0	0	0,0	0,09286	n.d.	n.d.	0,15000	µg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	ML - 20 µg/kg	21	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	21	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	21	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	21	0	0	0	0
B2b	monensin	ML - 8 µg/kg	21	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	21	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	21	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	21	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	8	13	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	21	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	8	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	8	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	8	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	7	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	7	0	0	0	0	0

hens - feather - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	1	0	0,0	0	0,0	14,25000	n.d.	n.d.	14,25000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	2,75000	n.d.	n.d.	2,75000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	2,85000	n.d.	n.d.	2,85000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	3,25000	n.d.	n.d.	3,25000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	5,65000	n.d.	n.d.	5,65000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	6,40000	n.d.	n.d.	6,40000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	4,65000	n.d.	n.d.	4,65000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	5,55000	n.d.	n.d.	5,55000	µg/kg

CL 2017 - sampling of turkeys



turkeys - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	2	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	2	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	12,50000	µg/kg
B1	tiamulin	2	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	2	0	0,0	0	0,0	0,00375	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00625	n.d.	n.d.	0,01000	mg/kg
B2c	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00055	n.d.	n.d.	0,00100	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00150	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00095	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00750	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00750	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

turkeys - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e mefenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	3	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	3	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	3	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a beta-HCH	3	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	3	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a sum PCB	3	0	0,0	0	0,0	3,50000	n.d.	n.d.	4,50000	ng/g fat
B3c arsenic	2	0	0,0	0	0,0	0,00375	n.d.	n.d.	0,00500	mg/kg
B3c cadmium	2	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg/kg
B3c mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 200 µg/kg	5	0	0	0	0	0
B1 difloxacin	MRL - 300 µg/kg	5	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	5	0	0	0	0	0
B1 flumequine	MRL - 400 µg/kg	5	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	5	0	0	0	0	0
B2a levamisole	MRL - 10 µg/kg	0	2	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	1	1	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c cypermethrin	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c deltamethrin	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	1	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	3	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	3	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	3	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	2	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	2	0	0	0	0	0

turkeys - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2b	decoquinat	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	2	2	100,0	0	0,0	0,04500	0,04500	0,04580	0,04600	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d	aflatoxin B2	3	0	0,0	0	0,0	0,04167	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	3	0	0,0	0	0,0	0,11667	n.d.	n.d.	0,15000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	ML - 20 µg/kg	3	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	3	0	0	0	0	0
B2b	monensin	MRL - 8 µg/kg	3	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	3	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	3	0	0	0	0	0
B2b	robenidin	MRL - 400 µg/kg	3	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	2	1	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	3	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	2	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	3	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	3	0	0	0	0	0

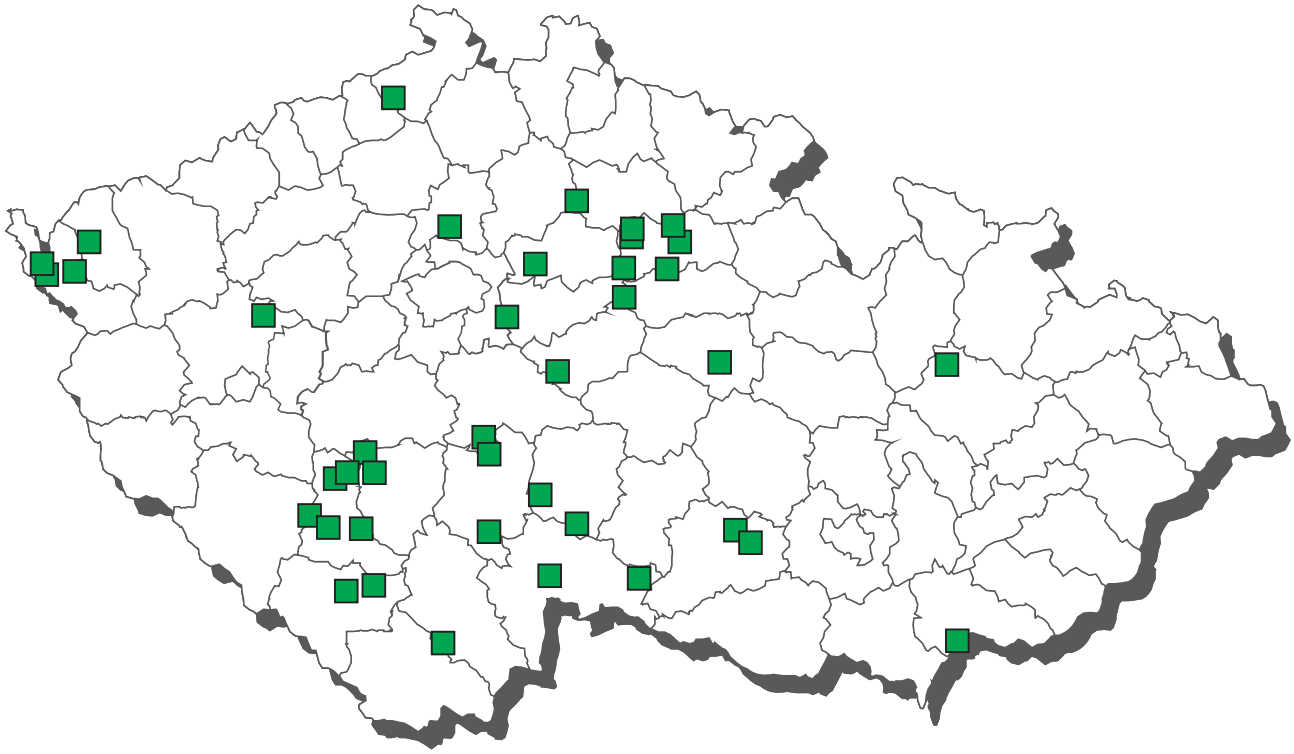
turkeys - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	4	0	0,0	0	0,0	0,71250	n.d.	n.d.	0,75000	µg/l
A6	dimetridazole	4	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	4	0	0,0	0	0,0	0,36250	n.d.	n.d.	0,40000	µg/l
A6	metronidazole	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	4	0	0,0	0	0,0	0,36250	n.d.	n.d.	0,40000	µg/l
A6	tinidazol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

turkeys - feather - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	3	0	0,0	0	0,0	14,25000	n.d.	n.d.	14,25000	µg/kg
A6	dimetridazole	3	0	0,0	0	0,0	2,75000	n.d.	n.d.	2,75000	µg/kg
A6	HMMNI	3	0	0,0	0	0,0	2,85000	n.d.	n.d.	2,85000	µg/kg
A6	ipronidazole-OH	3	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A6	ipronidazole	3	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/kg
A6	MNZOH	3	0	0,0	0	0,0	3,25000	n.d.	n.d.	3,25000	µg/kg
A6	metronidazole	3	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A6	ornidazol	3	0	0,0	0	0,0	5,65000	n.d.	n.d.	5,65000	µg/kg
A6	ronidazole	3	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg
A6	secnidazol	3	0	0,0	0	0,0	6,40000	n.d.	n.d.	6,40000	µg/kg
A6	ternidazol	3	0	0,0	0	0,0	4,65000	n.d.	n.d.	4,65000	µg/kg
A6	tinidazol	3	0	0,0	0	0,0	5,55000	n.d.	n.d.	5,55000	µg/kg

CL 2017 - sampling of waterfowl



waterfowl - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	9	0	0,0	0	0,0	0,78333	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	9	0	0,0	0	0,0	0,17222	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	9	0	0,0	0	0,0	0,11111	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	9	0	0,0	0	0,0	0,11111	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	9	0	0,0	0	0,0	0,07222	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	9	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	9	0	0,0	0	0,0	0,09444	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	9	0	0,0	0	0,0	0,27222	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	9	0	0,0	0	0,0	0,13333	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	9	0	0,0	0	0,0	0,23333	n.d.	n.d.	0,35000	µg/kg
A6	SEM	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	9	0	0,0	0	0,0	0,33333	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	9	0	0,0	0	0,0	0,32778	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	7	0	0,0	0	0,0	7,85714	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
B1	streptomycines	7	0	0,0	0	0,0	11,78571	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	levamisole	3	0	0,0	0	0,0	2,33333	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	4	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	4	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	lambda-cyhalothrin	4	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	4	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	4	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	4	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	4	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg

waterfowl - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2c permethrin	4	0	0,0	0	0,0	0,00275	n.d.	n.d.	0,00500	mg/kg
B2c cis-permethrin	4	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c trans-permethrin	4	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	4	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	3	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	3	1	33,3	0	0,0	0,00157	n.d.	0,00331	0,00400	mg/kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	3	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	3	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	3	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c arsenic	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c cadmium	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c mercury	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

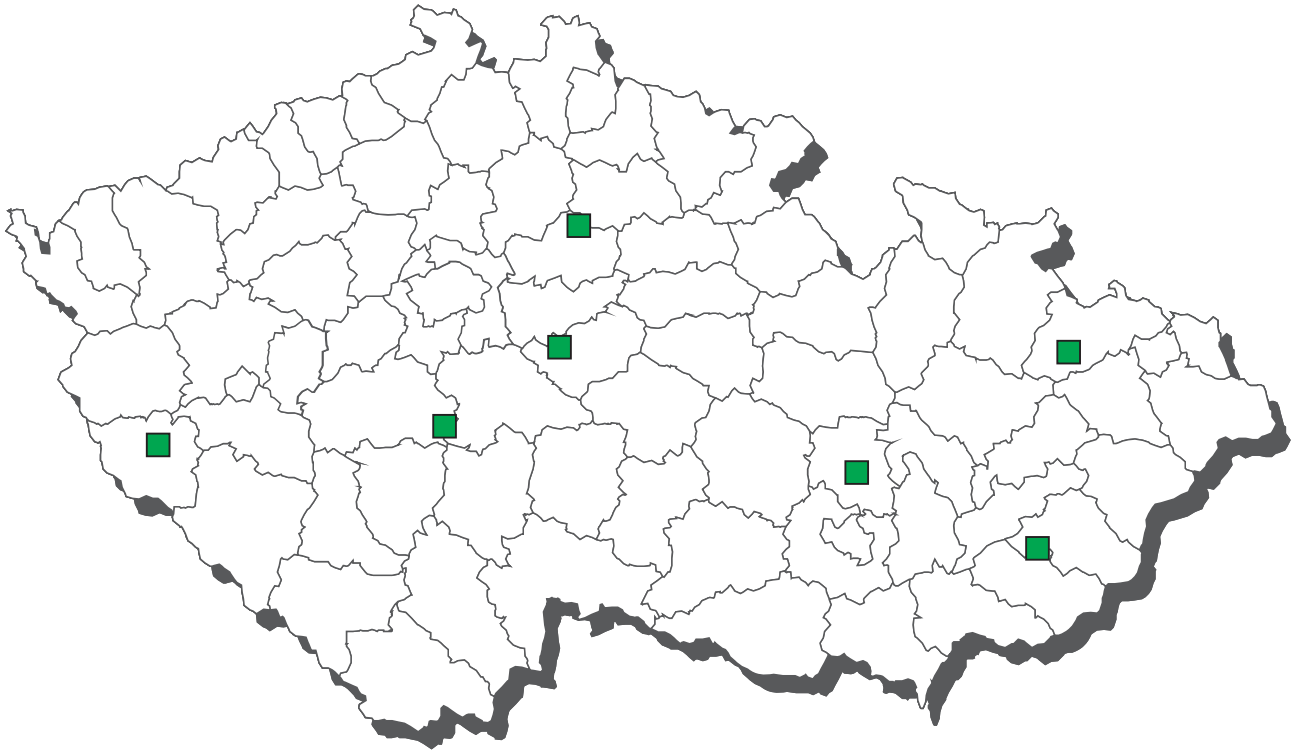
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 200 µg/kg	8	0	0	0	0	0
B1 difloxacin	MRL - 300 µg/kg	8	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1 flumequine	MRL - 400 µg/kg	8	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	8	0	0	0	0	0
B2a levamisole	MRL - 10 µg/kg	2	1	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	2	2	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	4	0	0	0	0	0
B2c cypermethrin	MRL - 0,01 mg/kg	4	0	0	0	0	0
B2c deltamethrin	MRL - 0,01 mg/kg	4	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	4	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	2	2	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	4	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	3	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	3	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	2	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	2	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	2	0	0	0	0	0

waterfowl - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2b	decoquinat	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	11	0	0,0	0	0,0	1,13636	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	2	2	100,0	0	0,0	0,07500	0,07500	0,10540	0,11300	mg/kg
B3c	mercury	2	1	50,0	0	0,0	0,00075	0,00075	0,00095	0,00100	mg/kg
B3c	lead	2	1	50,0	0	0,0	0,00750	0,00750	0,00950	0,01000	mg/kg
B3d	aflatoxin B2	3	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	ML - 20 µg/kg	11	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	11	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	11	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	11	0	0	0	0
B2b	monensin	ML - 8 µg/kg	11	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	11	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	11	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	11	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	11	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	11	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	2	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	3	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	3	0	0	0	0	0

CL 2017 - sampling of ostriches



ostriches - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B1	betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	oxolinic acid	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substance	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	7	0	0,0	0	0,0	11,07143	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2c	aldicarb	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2e	carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (sum)	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	5	1	20,0	0	0,0	0,06740	n.d.	0,20120	0,33500	mg/kg
B3a	endrin	5	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c	cadmium	2	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

ostriches - muscle - monitoring - (continuation)

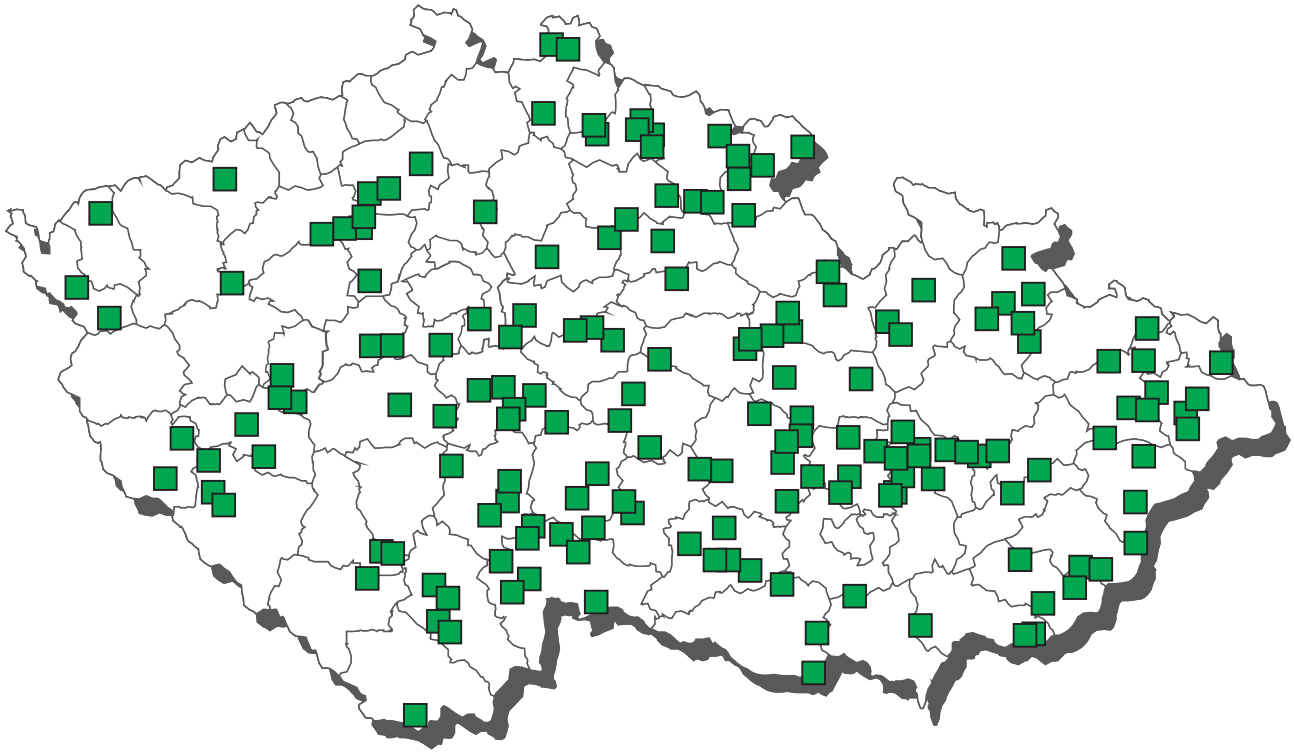
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	7	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	7	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	2	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	2	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	5	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	5	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	5	0	0	0	0	0
B3a	sum PCB	AL - 40 ng/g fat	2	0	0	0	0	0
B3c	cadmium	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c	mercury	AL - 0,05 mg/kg	2	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	2	0	0	0	0	0

ostriches - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a	abamectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	doramectin	MRL - 100 µg/kg	6	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	5	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	5	0	0	0	0	0
B2b	lasalocid	ML - 300 µg/kg	5	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	5	0	0	0	0
B2b	monensin	ML - 8 µg/kg	5	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	5	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	5	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	5	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	4	1	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	5	0	0	0	0

CL 2017 - sampling of rabbits



rabbits - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	2	0	0,0	0	0,0	0,82500	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	2	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	2	0	0,0	0	0,0	0,17500	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	2	0	0,0	0	0,0	0,27500	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	2	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	2	0	0,0	0	0,0	0,42500	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	oxolinic acid	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimidine	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimethoxine	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadoxine	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamerazine	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxydiazine	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfaquinoxaline	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfathiazole	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxazole	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadiazine	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycines	9	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg
B1	tiamulin	9	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

rabbits - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a chlordan	2	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00030	mg/kg
B3a DDT (sum)	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00055	mg/kg
B3a endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	2	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00045	mg/kg
B3a hexachlorbenzen	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a heptachlor	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a alfa-HCH	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a sum PCB	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c cadmium	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c mercury	1	1	100,0	0	0,0	0,00050	0,00050	0,00050	0,00050	mg/kg
B3c lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

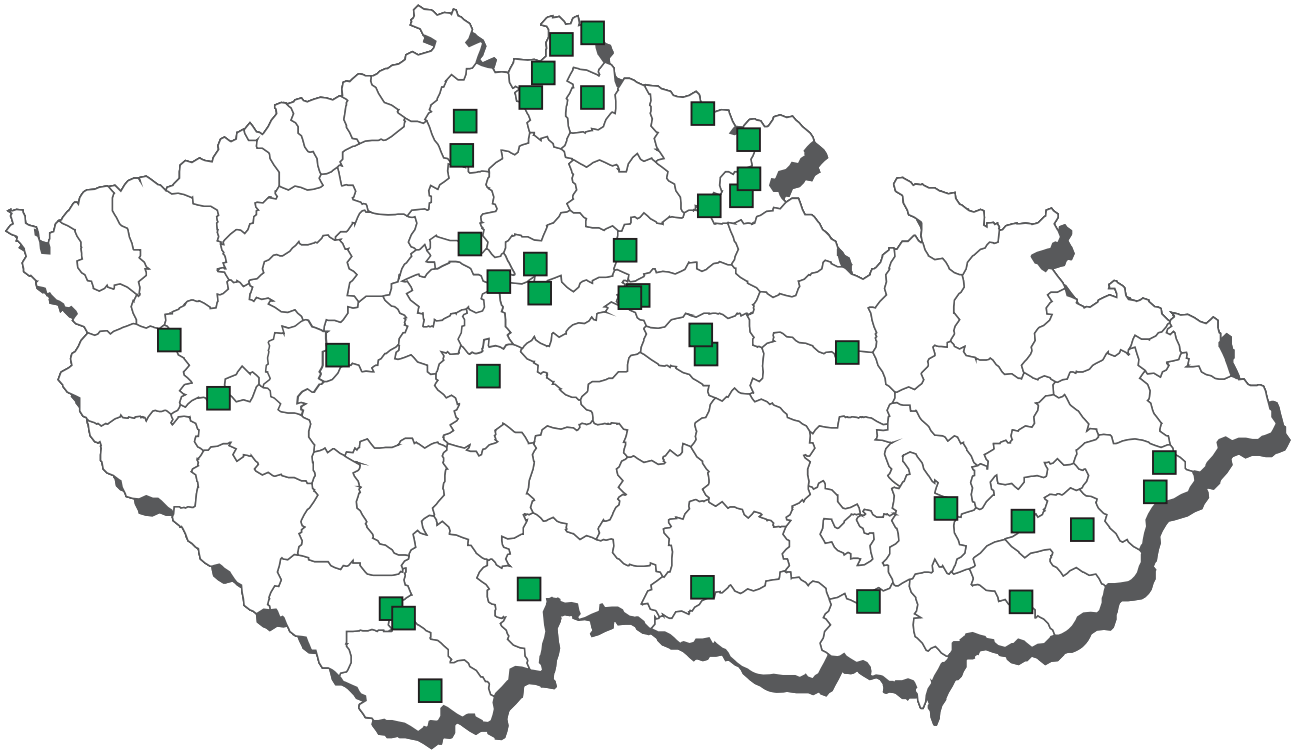
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	9	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	3	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	1	1	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c cypermethrin	MRL - 0,02 mg/kg	2	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	1	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	1	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3a sum PCB	AL - 40 ng/g fat	1	0	0	0	0	0
B3c cadmium	AL - 0,05 mg/kg	1	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	1	0	0	0	0	0

rabbits - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	5	4	80,0	0	0,0	100,52000	5,20000	280,84000	415,40000	µg/kg
B2b	halofuginone	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	5	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	5	3	60,0	0	0,0	7,44000	5,20000	16,62000	23,10000	µg/kg
B2b	salinomycin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	doramectin	MRL - 100 µg/kg	1	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	1	0	0	0	0	0
B2a	ivermectin	MRL - 100 µg/kg	1	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	5	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	5	0	0	0	0	0
B2b	lasalocid	ML - 50 µg/kg	5	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	5	0	0	0	0
B2b	monensin	ML - 8 µg/kg	5	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	5	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	5	0	0	0	0	0
B2b	robenidin	MRL - 200 µg/kg	5	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	5	0	0	0	0

CL 2017 - sampling of horses



Horses - non-compliant results 2017

cadmium - muscle

horses - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	chloramphenicol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substance	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	2	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	albendazole 2-aminosulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	albendazole sulfoxid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	cambendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	aminoflubendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	flubendazol (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ketotriclabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	levamisole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	aminomebendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	5-hydroxymebendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	nitroxinil	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole sulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	5-hydroxythiabendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole sulfoxid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

horses - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2c aldicarb	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c carbofuran	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c lambda-cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c cypermethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c deltamethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c methiocarb	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c methomyl	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c cis-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c trans-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e carprofen	19	0	0,0	0	0,0	1,38158	n.d.	n.d.	2,50000	µg/kg
B2e diclofenac	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flufenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	19	0	0,0	0	0,0	1,38158	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	19	0	0,0	0	0,0	1,38158	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c arsenic	15	1	6,7	0	0,0	0,00450	n.d.	n.d.	0,01000	mg/kg
B3c cadmium	15	15	100,0	**1**	**6,7**	0,11587	0,09300	0,21020	0,46300	mg/kg
B3c mercury	15	3	20,0	0	0,0	0,00063	n.d.	0,00074	0,00260	mg/kg
B3c lead	15	3	20,0	0	0,0	0,00600	n.d.	0,01000	0,01000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1 difloxacin	MRL - 300 µg/kg	2	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	2	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	1	0	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	1	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	1	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	0	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2e carprofen	MRL - 500 µg/kg	19	0	0	0	0	0
B2e flunixin	MRL - 10 µg/kg	19	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	19	0	0	0	0	0
B2e vedaprofen	MRL - 50 µg/kg	19	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	1	0	0	0	0	0

horses - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a hexachlorbenzen	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	1	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a sum PCB	AL - 40 ng/g fat	1	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	15	0	0	0	0	0
B3c cadmium	ML - 0,2 mg/kg	8	4	1	1*	0	1
B3c mercury	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	15	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

sampling date	cadastral district (sampl.)	origin	value
cadmium			
16.10.2017	Hradec Králové	JAROSLAV BAREŠ	0,463 mg/kg

horses - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clencyclohexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1 betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substance	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 streptomycines	2	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b decoquinat	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b diclazuril	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b narasin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b nicarbazin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b robenidin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

horses - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b chlorpyrifos	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos-methyl	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b malathion (R)	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b malathion	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b malaoxon	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b phorate-oxon-sulfone	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b phorate	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b phorate-oxon	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b phorate (R)	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b phorate-sulfone	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b pyrimiphosmethyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3d aflatoxin B2	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a doramectin	MRL - 100 µg/kg	1	0	0	0	0	0
B2a emamectin	MRL - 80 µg/kg	1	0	0	0	0	0
B2a ivermectin	MRL - 100 µg/kg	1	0	0	0	0	0
B2a moxidectin	MRL - 100 µg/kg	1	0	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	1	0	0	0	0	0
B2b diclazuril	ML - 40 µg/kg	1	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	1	0	0	0	0	0
B2b lasalocid	ML - 50 µg/kg	1	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B2b monensin	ML - 8 µg/kg	1	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	1	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	1	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	1	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	1	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B3b diazinone	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	1	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	1	0	0	0	0	0

horses - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substance	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	1	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d carazolol	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d chlorpromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d haloperidol - metabolite	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d haloperidol	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d propionylpromazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d xylazine	1	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3d ochratoxin A	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

horses - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexametazon	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	beta-zearalenol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4	zearalanon	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l

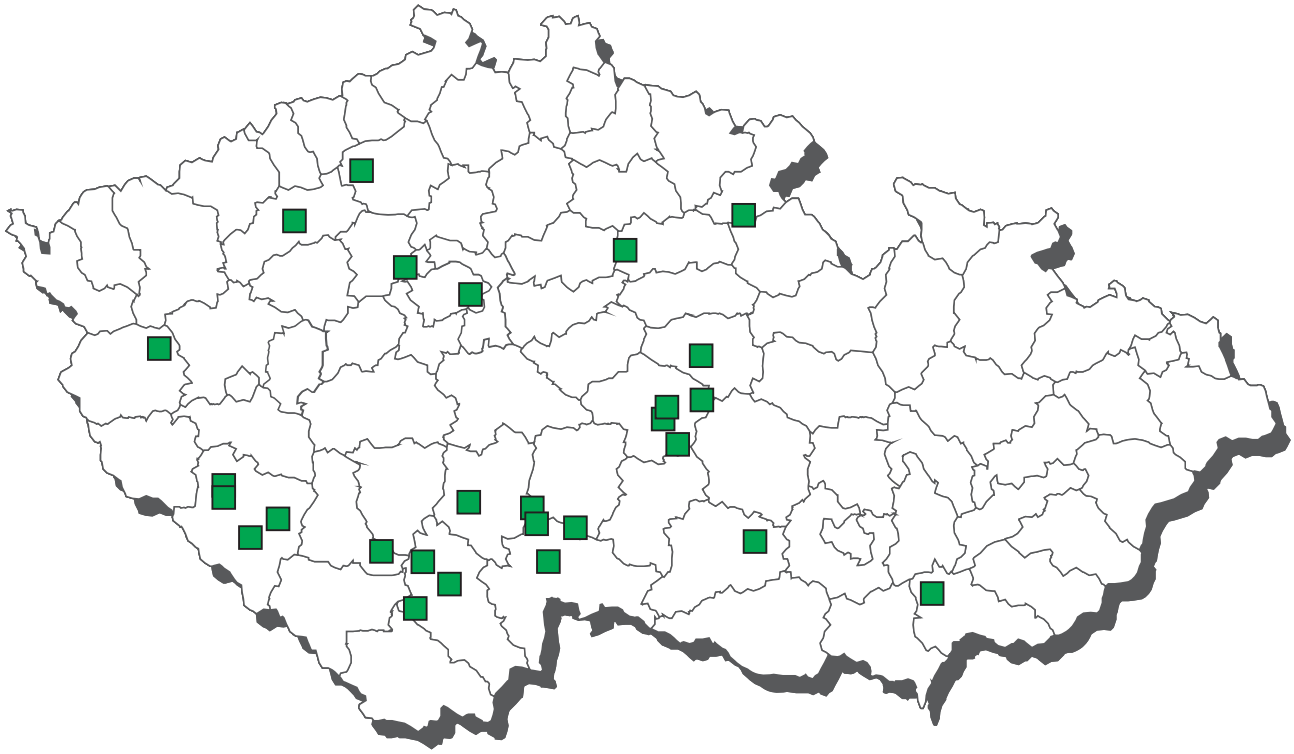
horses - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	2	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	2	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

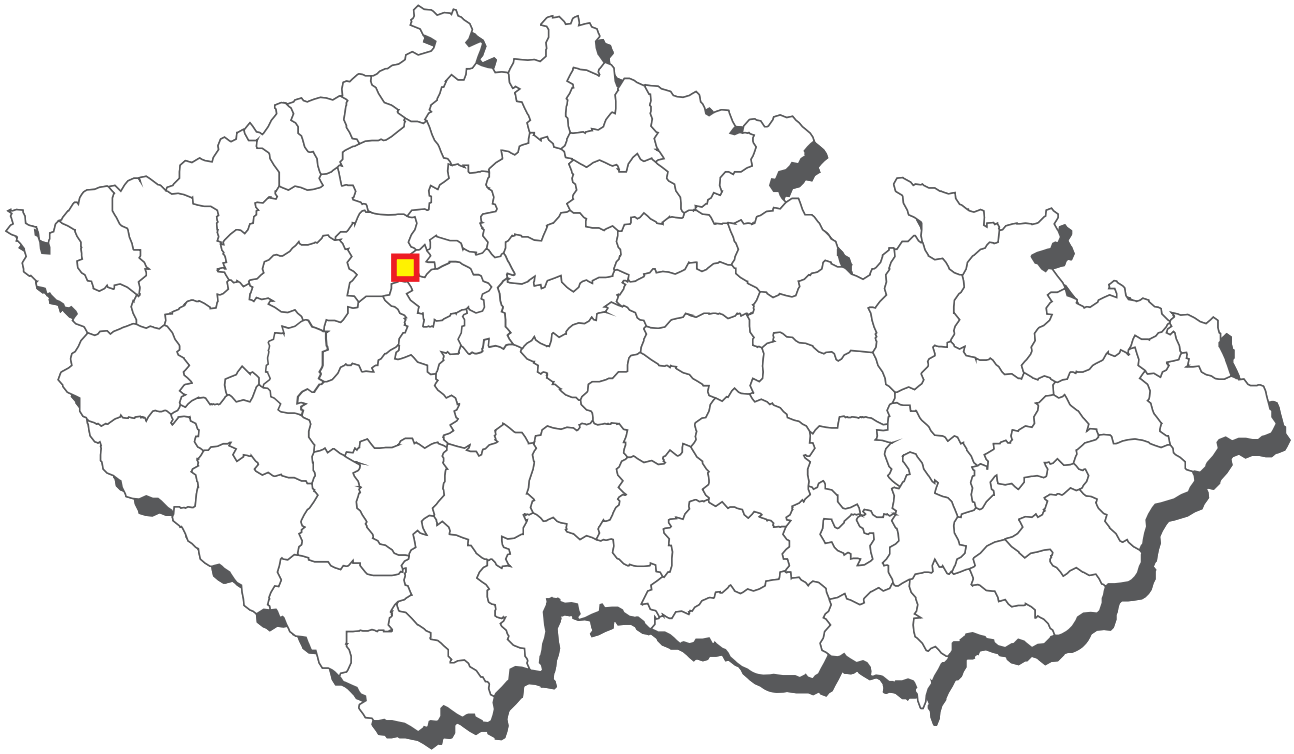
horses - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-acetoxyprogesteron	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	altrenogest	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chloromadinone acetate	1	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg/kg
A3	megestrol acetate	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	melengestrol acetate	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	medroxyprogesterone ac.	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

CL 2017 - sampling of farmed cloven-hoofed animals



Farmed cloven-hoofed animals - non-compliant results 2017



lead - muscle

farmed cloven-hoofed animals - muscle

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	19	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	19	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	19	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	19	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	oxolinic acid	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substance	19	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	19	0	0,0	0	0,0	7,10526	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	19	0	0,0	0	0,0	11,97368	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	19	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	albendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	thiabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00288	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flufenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	metamizol	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (sum)	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	9	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	9	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00055	mg/kg
B3a	endrin	9	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	9	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	9	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	9	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	6	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g

farmed cloven-hoofed animals - muscle

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	sum PCB	3	1	33,3	0	0,0	7,58633	n.d.	11,90720	13,75900	ng/g fat
B3c	cadmium	10	0	0,0	0	0,0	0,00190	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	10	5	50,0	0	0,0	0,00051	0,00050	0,00080	0,00080	mg/kg
B3c	lead	10	4	40,0	2*	20,0	0,21400	n.d.	0,70300	1,36000	mg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	19	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	19	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	19	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	19	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	1	1	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	2	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	1	1	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	9	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	9	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	9	0	0	0	0	0
B3a	sum PCB	AL - 40 ng/g fat	3	0	0	0	0	0
B3c	cadmium	AL - 0,1 mg/kg	10	0	0	0	0	0
B3c	mercury	AL - 0,05 mg/kg	10	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	7	0	1	0	0	2

sampling date	cadastral district (sampl.)	origin	value
lead			
19.10.2017	Praha-západ	DRAHOMÍR CHALUPA	0,63 mg/kg
19.10.2017	Praha-západ	DRAHOMÍR CHALUPA	1,36 mg/kg

* moufflons

farmed cloven-hoofed animals - liver

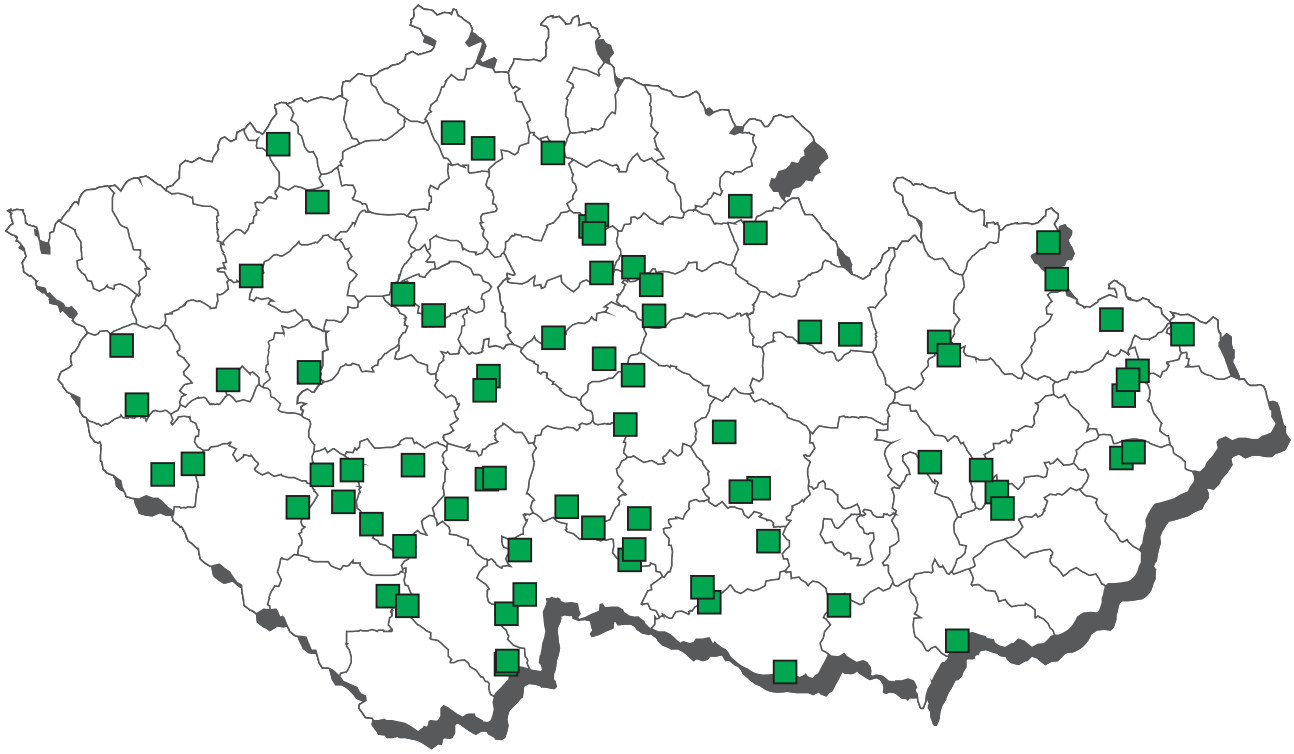
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-boldenone	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	brombuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

farmed cloven-hoofed animals - liver

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	chlorbrombuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	7	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	7	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B2a	abamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	6	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	doramectin	MRL - 100 µg/kg	8	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	6	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	6	0	0	0	0	0
B2b	lasalocid	ML - 300 µg/kg	6	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	6	0	0	0	0
B2b	monensin	ML - 8 µg/kg	6	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	6	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	6	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	6	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	6	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	6	0	0	0	0

CL 2017 - sampling of fresh water fish - carps



freshwater fish - carps - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-boldenone	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	ethinylestradiol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	8	0	0,0	0	0,0	0,80625	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	8	0	0,0	0	0,0	0,18750	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	8	0	0,0	0	0,0	0,11875	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	13	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	8	0	0,0	0	0,0	0,11875	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	8	0	0,0	0	0,0	0,08750	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	8	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	8	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	8	0	0,0	0	0,0	0,28750	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	8	0	0,0	0	0,0	0,15625	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	8	0	0,0	0	0,0	0,25625	n.d.	n.d.	0,35000	µg/kg
A6	SEM	9	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	8	0	0,0	0	0,0	0,35625	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	8	0	0,0	0	0,0	0,38125	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	8	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	8	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	8	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	8	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	8	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	8	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substance	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	niclosamid	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
B3a	aldrin, dieldrin (sum)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	2	2	100,0	0	0,0	0,00775	0,00775	0,00915	0,00950	mg/kg
B3a	endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	2	1	50,0	0	0,0	0,03158	0,03158	0,05672	0,06300	mg/kg
B3a	heptachlor	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	2	1	50,0	0	0,0	2,66850	2,66850	4,56330	5,03700	ng/g
B3a	toxaphene (sum)	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c	arsenic	6	6	100,0	0	0,0	0,03000	0,02950	0,04700	0,05000	mg/kg
B3c	cadmium	6	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	18	18	100,0	0	0,0	0,02068	0,02020	0,03458	0,05100	mg/kg
B3c	methylmercury	12	12	100,0	0	0,0	0,01667	0,01350	0,03550	0,03800	mg/kg
B3c	lead	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	tin	12	7	58,3	0	0,0	0,00671	0,00700	0,01090	0,01100	mg/kg

freshwater fish - carps - muscle - monitoring - (continuation)

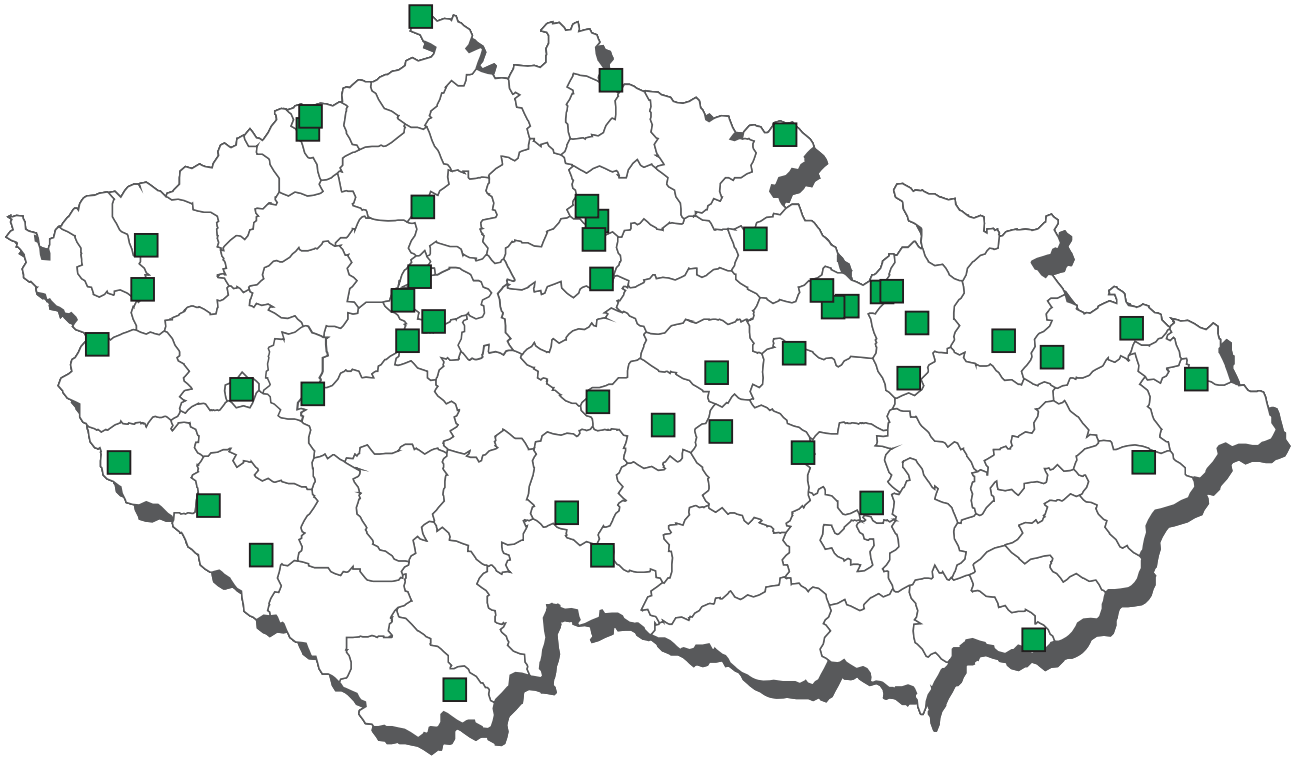
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3d	aflatoxin B2	4	0	0,0	0	0,0	0,05625	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	4	0	0,0	0	0,0	0,11250	n.d.	n.d.	0,15000	µg/kg
B3e	brilliant green	13	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	32	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	32	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	32	4	12,5	0	0,0	0,22063	n.d.	0,49200	1,00000	µg/kg
B3e	malachite green	32	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	methylene blue	13	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	flumequine	MRL - 600 µg/kg	8	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	8	0	0	0	0	0
B2a	emamectin	MRL - 100 µg/kg	8	0	0	0	0	0
B3a	DDT (sum)	AL - 0,5 mg/kg	2	0	0	0	0	0
B3a	hexachlorbenzen	AL - 0,05 mg/kg	1	0	0	1**	0	0
B3a	gama-HCH (lindan)	AL - 0,05 mg/kg	2	0	0	0	0	0
B3a	sum PCB	ML - 75 ng/g	2	0	0	0	0	0
B3a	toxaphene (sum)	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c	arsenic	AL - 1 mg/kg	6	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	6	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg	18	0	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg	12	0	0	0	0	0
B3c	lead	ML - 0,3 mg/kg	6	0	0	0	0	0
B3c	tin	AL - 10 mg/kg	12	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	4	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	4	0	0	0	0	0
B3e	brilliant green	AL - 2 µg/kg	13	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	32	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	32	0	0	0	0	0
B3e	leucomalachite green	RPA - 2 µg/kg *	31	1	0	0	0	0
B3e	malachite green	RPA - 2 µg/kg *	32	0	0	0	0	0
B3e	methylene blue	AL - 2 µg/kg	13	0	0	0	0	0

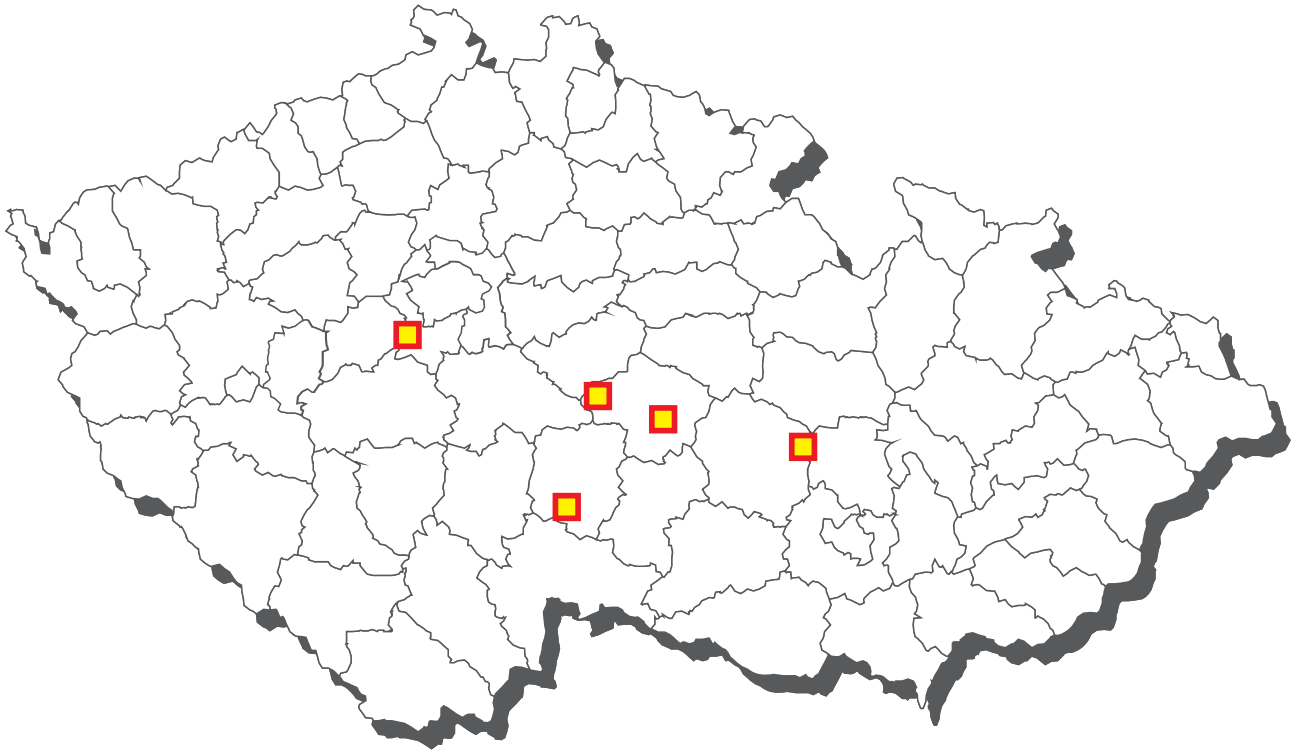
* RPA is valid for the amount malachite green and leucomalachite green

** compliant (within expanded uncertainty of measurement)

CL 2017 - sampling of freshwater fish - trouts



Freshwater fish - trouts - non-compliant results 2017



leucomalachite green

freshwater fish - trouts - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	6	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	6	0	0,0	0	0,0	8,33333	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	6	0	0,0	0	0,0	8,33333	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	6	0	0,0	0	0,0	8,33333	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	6	1	16,7	0	0,0	11,79333	n.d.	25,38000	25,76000	µg/kg
B1	gentamycin, neomycin	6	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	6	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	macrolides	6	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	6	0	0,0	0	0,0	8,33333	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	6	0	0,0	0	0,0	8,33333	n.d.	n.d.	25,00000	µg/kg
B1	residues of inhibitory substance	6	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfachlorpyridazine	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	6	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	6	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	niclosamid	1	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
B3a	aldrin, dieldrin (sum)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	endosulfan (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	1	1	100,0	0	0,0	0,00040	0,00040	0,00040	0,00040	mg/kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	sum PCB	1	1	100,0	0	0,0	1,10000	1,10000	1,10000	1,10000	ng/g
B3a	toxaphene (sum)	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c	arsenic	1	1	100,0	0	0,0	0,34800	0,34800	0,34800	0,34800	mg/kg
B3c	cadmium	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	4	4	100,0	0	0,0	0,02030	0,02285	0,02452	0,02500	mg/kg
B3c	methylmercury	3	3	100,0	0	0,0	0,01467	0,01500	0,01900	0,02000	mg/kg
B3c	lead	1	1	100,0	0	0,0	0,01000	0,01000	0,01000	0,01000	mg/kg
B3c	tin	3	1	33,3	0	0,0	0,00500	n.d.	0,00850	0,01000	mg/kg
B3d	aflatoxin B2	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
B3e	brilliant green	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	61	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	61	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

freshwater fish - trouts - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e leucomalachite green	61	10	16,4	6	9,8	1,27016	n.d.	0,78000	19,70000	µg/kg
B3e malachite green	61	2	3,3	0	0,0	0,15934	n.d.	n.d.	0,56000	µg/kg
B3e methylene blue	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	6	0	0	0	0	0
B1 difloxacin	MRL - 300 µg/kg	6	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	6	0	0	0	0	0
B1 flumequine	MRL - 600 µg/kg	6	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	6	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	6	0	0	0	0	0
B2a emamectin	MRL - 100 µg/kg	1	0	0	0	0	0
B3a DDT (sum)	AL - 0,5 mg/kg	1	0	0	0	0	0
B3a hexachlorbenzen	AL - 0,05 mg/kg	1	0	0	0	0	0
B3a gama-HCH (lindan)	AL - 0,05 mg/kg	1	0	0	0	0	0
B3a sum PCB	ML - 75 ng/g	1	0	0	0	0	0
B3a toxaphene (sum)	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c arsenic	AL - 1 mg/kg	1	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	1	0	0	0	0	0
B3c mercury	ML - 0,5 mg/kg	4	0	0	0	0	0
B3c methylmercury	AL - 0,4 mg/kg	3	0	0	0	0	0
B3c lead	ML - 0,3 mg/kg	1	0	0	0	0	0
B3c tin	AL - 10 mg/kg	3	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	1	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	1	0	0	0	0	0
B3e brilliant green	AL - 2 µg/kg	24	0	0	0	0	0
B3e crystal violet	AL - 2 µg/kg	61	0	0	0	0	0
B3e leucocrystal violet	AL - 2 µg/kg	61	0	0	0	0	0
B3e leucomalachite green	RPA - 2 µg/kg *	55	0	0	0	2	4
B3e malachite green	RPA - 2 µg/kg *	61	0	0	0	0	0
B3e methylene blue	AL - 2 µg/kg	24	0	0	0	0	0

* RPA pays for the sum of malachite green and leucomalachite green

sampling date	cadastral district (sampl.)	origin	value
leucomalachite green			
16.11.2017	Havlíčkův Brod	Pstruhový ráj s.r.o.	16,3 µg/kg
31.10.2017	Žďár nad Sázavou	DŘEVO Koroužné s.r.o.	9,36 µg/kg
16.11.2017	Havlíčkův Brod	JIŘÍ HORÁK	14,5 µg/kg
24.11.2017	Pelhřimov	JIŘÍ HORÁK	19,7 µg/kg
6.12.2017	Pelhřimov	BioFish s.r.o.	3,86 µg/kg
29.11.2017	Praha-západ	KATEŘINA WIESNEROVÁ	3,4 µg/kg

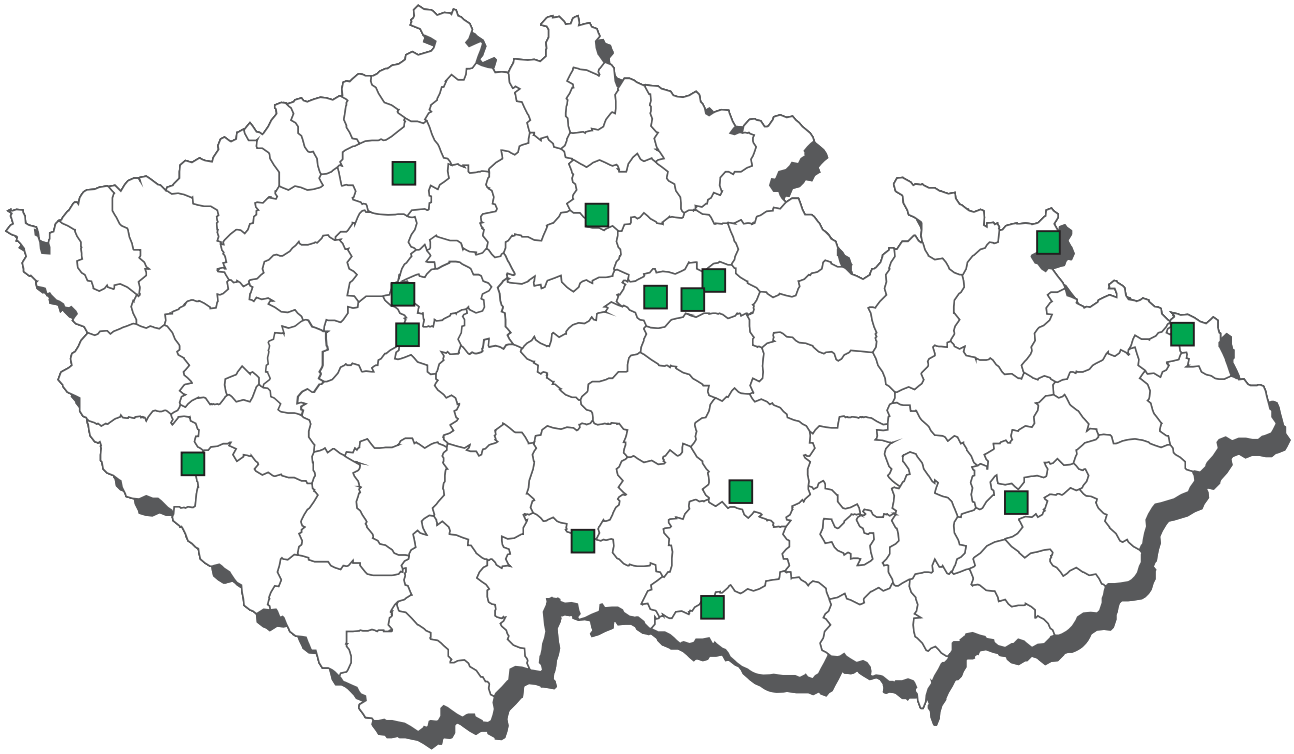
freshwater fish - trouts - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e crystal violet	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucocrystal violet	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucomalachite green	6	4	66,7	0	0,0	0,58500	0,52000	1,08500	1,44000	µg/kg
B3e malachite green	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3e crystal violet	AL - 2 µg/kg	6	0	0	0	0	0
B3e leucocrystal violet	AL - 2 µg/kg	6	0	0	0	0	0
B3e leucomalachite green	RPA - 2 µg/kg *	5	1	0	0	0	0
B3e malachite green	RPA - 2 µg/kg *	6	0	0	0	0	0

* RPA pays for the sum of malachite green and leucomalachite green

CL 2017 - sampling of freshwater fish - other species



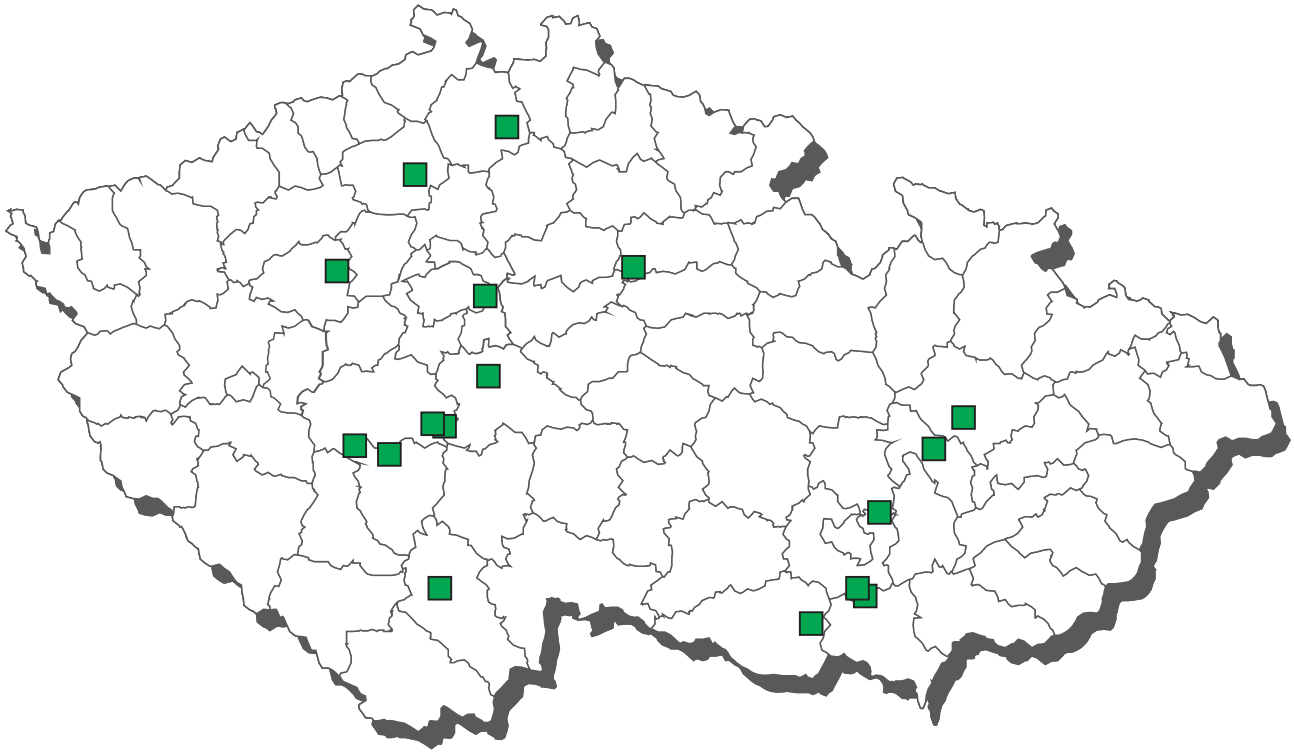
freshwater fish - other species - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B3e	brilliant green	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	malachite green	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	methylene blue	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3f	WHO-PCDD/F-TEQ	9	9	100,0	0	0,0	0,36000	0,30200	0,55060	0,62100	pg/g
B3f	WHO-PCDD/F-PCB-TEQ	9	9	100,0	0	0,0	0,86244	0,57900	1,48600	2,47000	pg/g
B3f	2,4,4'-TriBDE	9	3	33,3	0	0,0	0,01088	n.d.	0,03240	0,03720	ng/g
B3f	2,2',4,4'-TetraBDE	9	9	100,0	0	0,0	0,18876	0,03280	0,47800	0,84600	ng/g
B3f	2,2',4,4',5-PentaBDE	9	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f	2,2',4,4',6-PentaBDE	9	3	33,3	0	0,0	0,03957	n.d.	0,10168	0,17800	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	9	1	11,1	0	0,0	0,00528	n.d.	0,00578	0,01030	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	9	4	44,4	0	0,0	0,02416	n.d.	0,06540	0,09700	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	9	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	sum PCB	9	6	66,7	0	0,0	3,32000	2,55700	6,78480	10,01200	ng/g

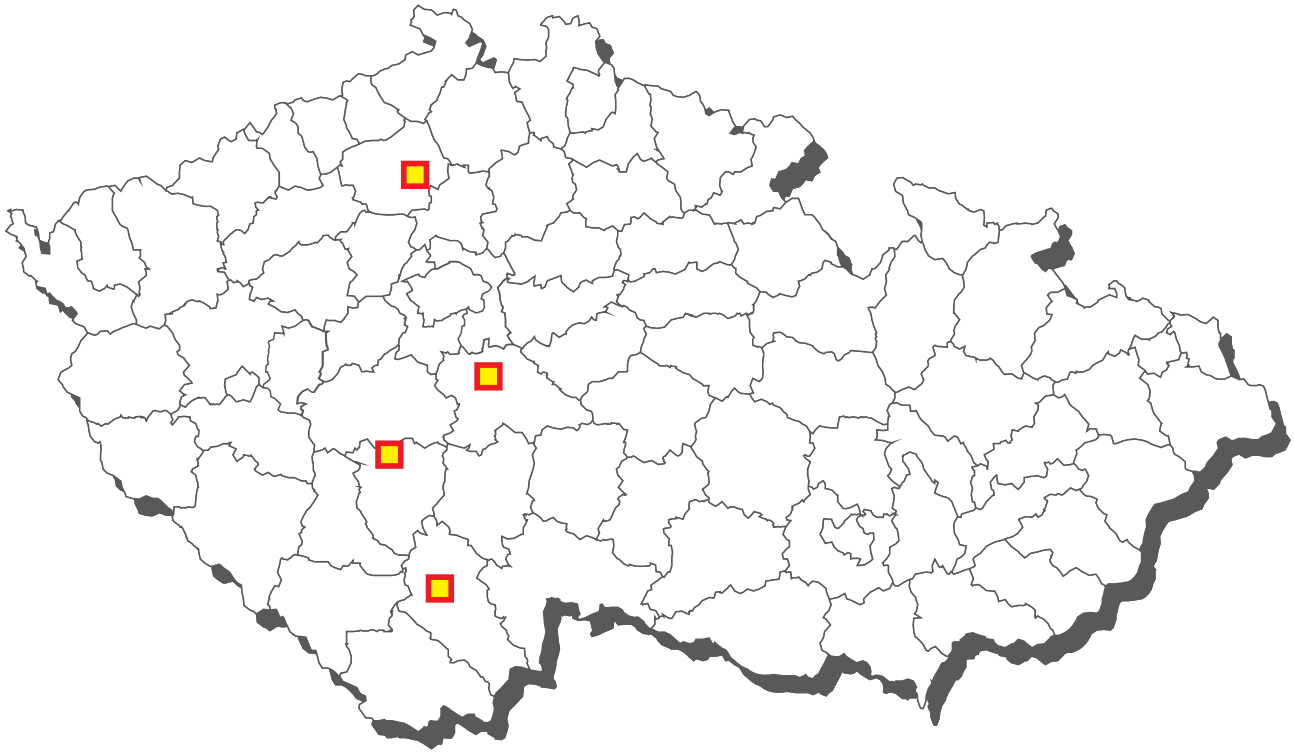
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3e	brilliant green	AL - 2 µg/kg	4	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	7	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	7	0	0	0	0	0
B3e	leucomalachite green	RPA - 2 µg/kg *	7	0	0	0	0	0
B3e	malachite green	RPA - 2 µg/kg *	7	0	0	0	0	0
B3e	methylene blue	AL - 2 µg/kg	4	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 3,5 pg/g	9	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 6,5 pg/g	9	0	0	0	0	0
B3f	sum PCB	ML - 75 ng/g	9	0	0	0	0	0

* RPA pays for the sum of malachite green and leucomalachite green

CL 2017 - sampling of pheasants



Pheasants - non-compliant results 2017



lead - muscle

pheasants - muscle - monitoring

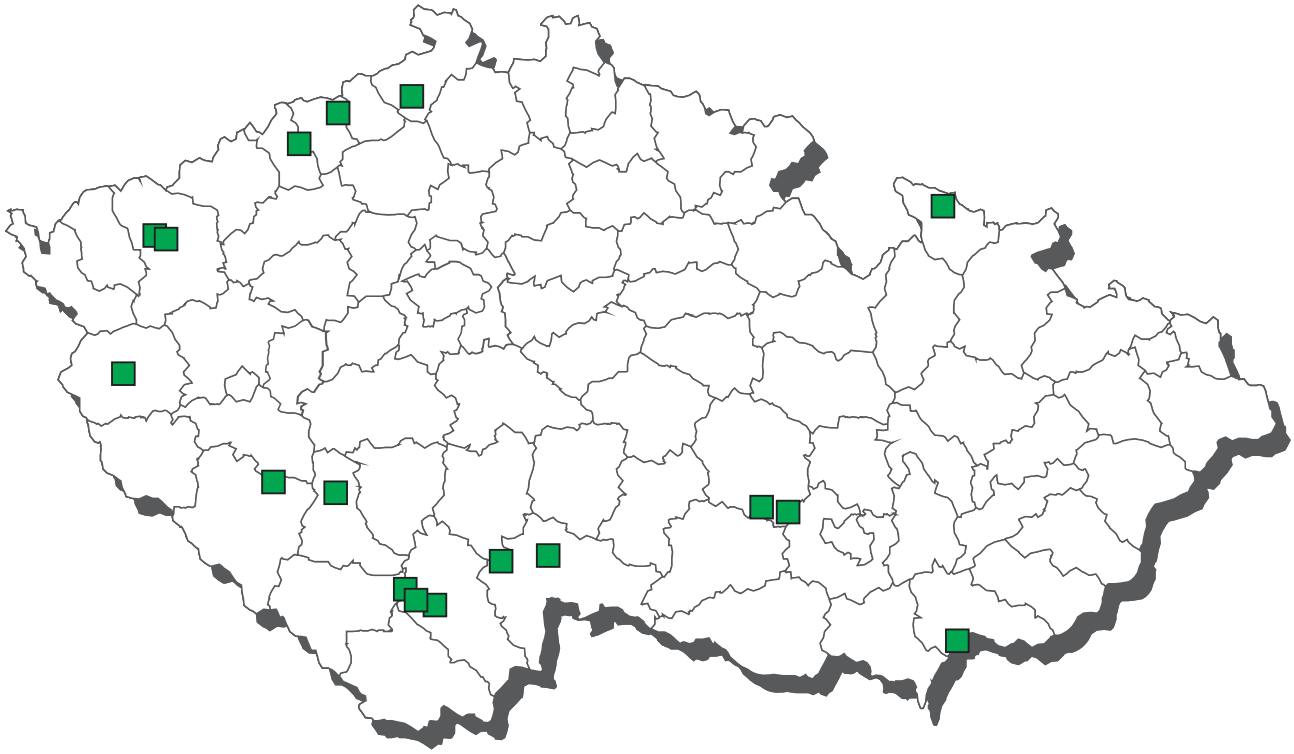
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a chlordan	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a heptachlor	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3c cadmium	21	4	19,0	0	0,0	0,00312	n.d.	0,00400	0,01700	mg/kg
B3c mercury	21	7	33,3	0	0,0	0,00047	n.d.	0,00100	0,00100	mg/kg
B3c lead	21	9	42,9	4	19,0	0,41095	n.d.	0,31100	6,28000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	21	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	21	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	16	0	0	1*	0	4

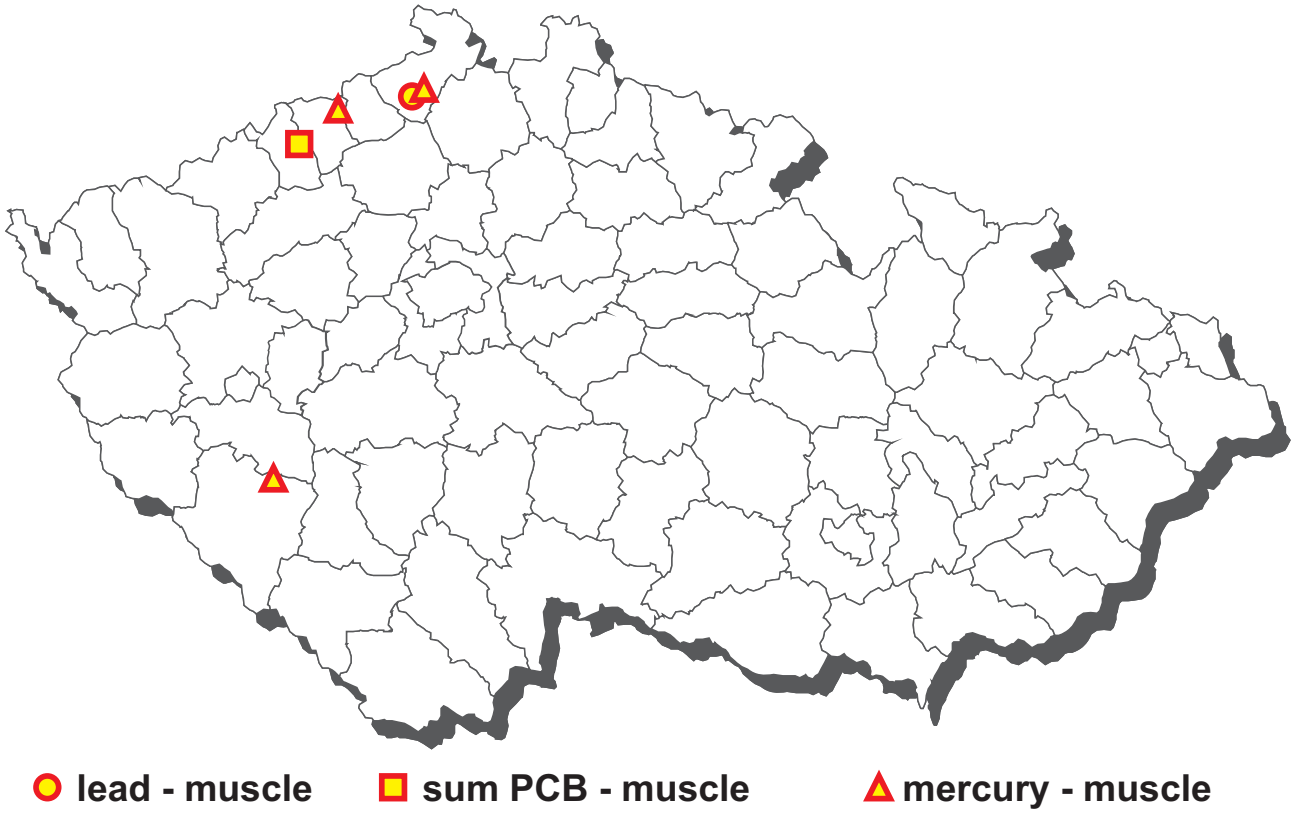
sampling date	cadastral district (sampl.)	origin	value
lead			
19.10.2017	Mělník	Borek	1,6 mg/kg
24.11.2017	Klatovy	KONOPIŠTĚ	0,226 mg/kg
24.11.2017	Klatovy	Schwarzenber. honitba ORLÍK I.	0,311 mg/kg
4.12.2017	Litoměřice	Sovice	6,28 mg/kg

* compliant (within expanded uncertainty of measurement)

CL 2017 - sampling of wild ducks



Wild ducks - non-compliant results 2017



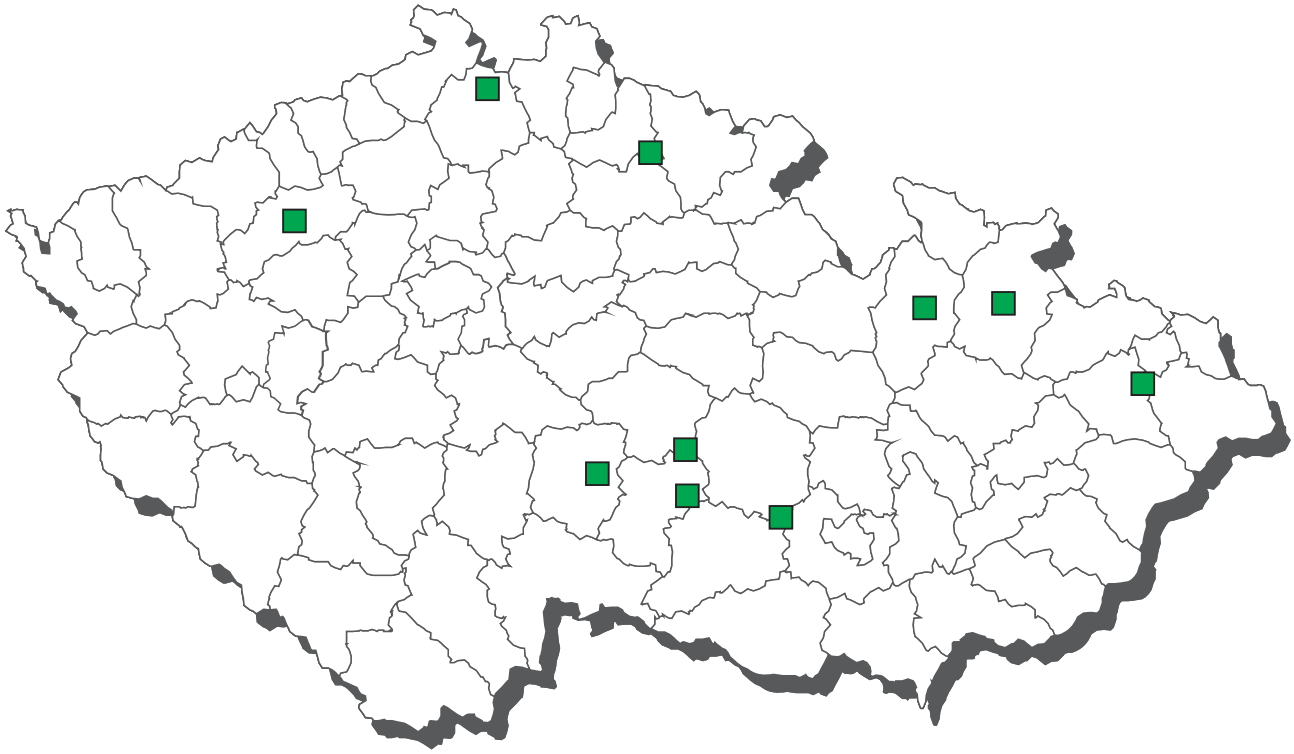
wild duck - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quanti	maximum	unit
B3a aldrin, dieldrin (sum)	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	3	1	33,3	1	33,3	22,16733	n.d.	50,26160	61,70200	ng/g fat
B3c cadmium	17	2	11,8	0	0,0	0,00365	n.d.	0,00390	0,03200	mg/kg
B3c mercury	17	11	64,7	1	5,9	0,01499	0,00100	0,01938	0,19000	mg/kg
B3c lead	17	12	70,6	5	29,4	0,74306	0,03000	1,71000	7,74000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	3	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	3	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	17	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	16	0	0	0	0	1
B3c lead	AL - 0,1 mg/kg	11	1	0	0	0	5

sampling date	cadastral district (sampl.)	origin	value
sum PCB			
9.10.2017	Most	Mariánské Radčice	61,702 ng/g
mercury			
21.11.2017	Děčín	Malá Veleň	0,19 mg/kg
lead			
23.10.2017	Teplice	Bohosudov	0,3 mg/kg
10.10.2017	Cheb	Štírka-Myslív	0,69 mg/kg
10.10.2017	Cheb	Štírka-Myslív	0,4 mg/kg
10.10.2017	Cheb	Štírka-Myslív	3,24 mg/kg
21.11.2017	Děčín	Malá Veleň	7,74 mg/kg

CL 2017 - sampling of hares

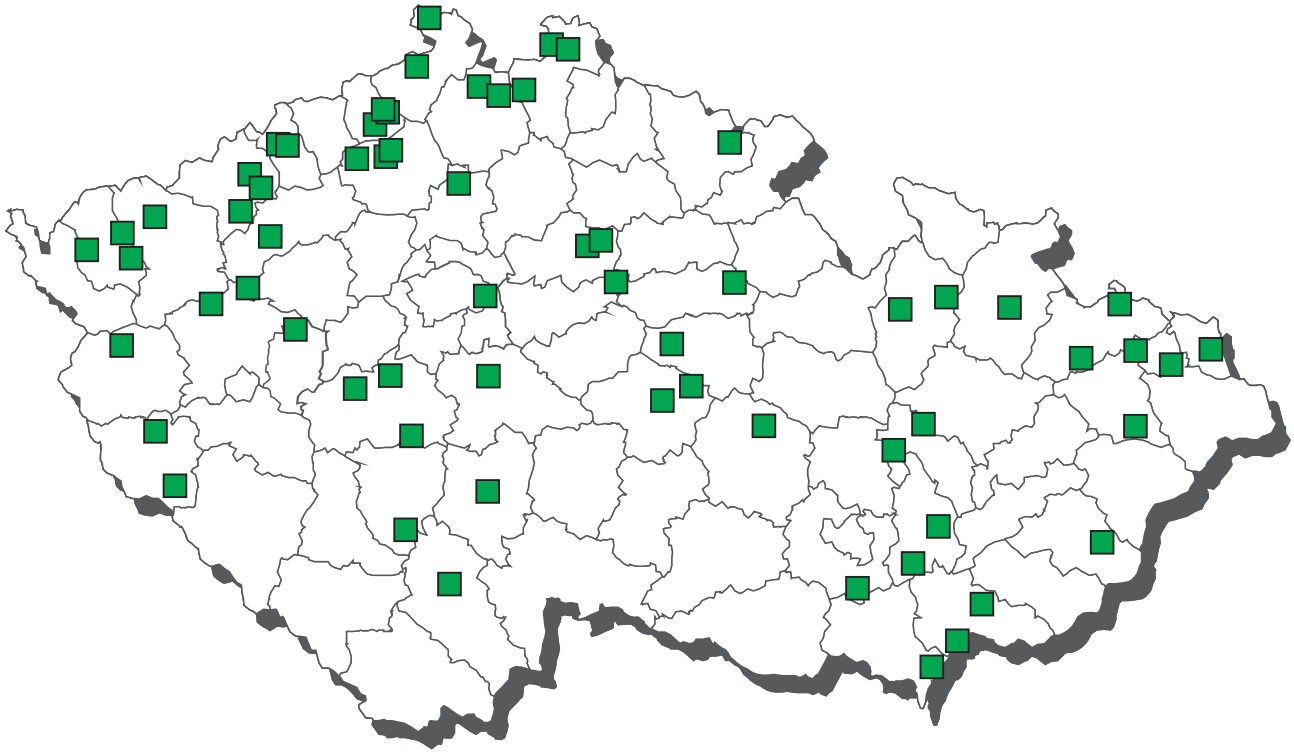


hares - muscle - monitoring

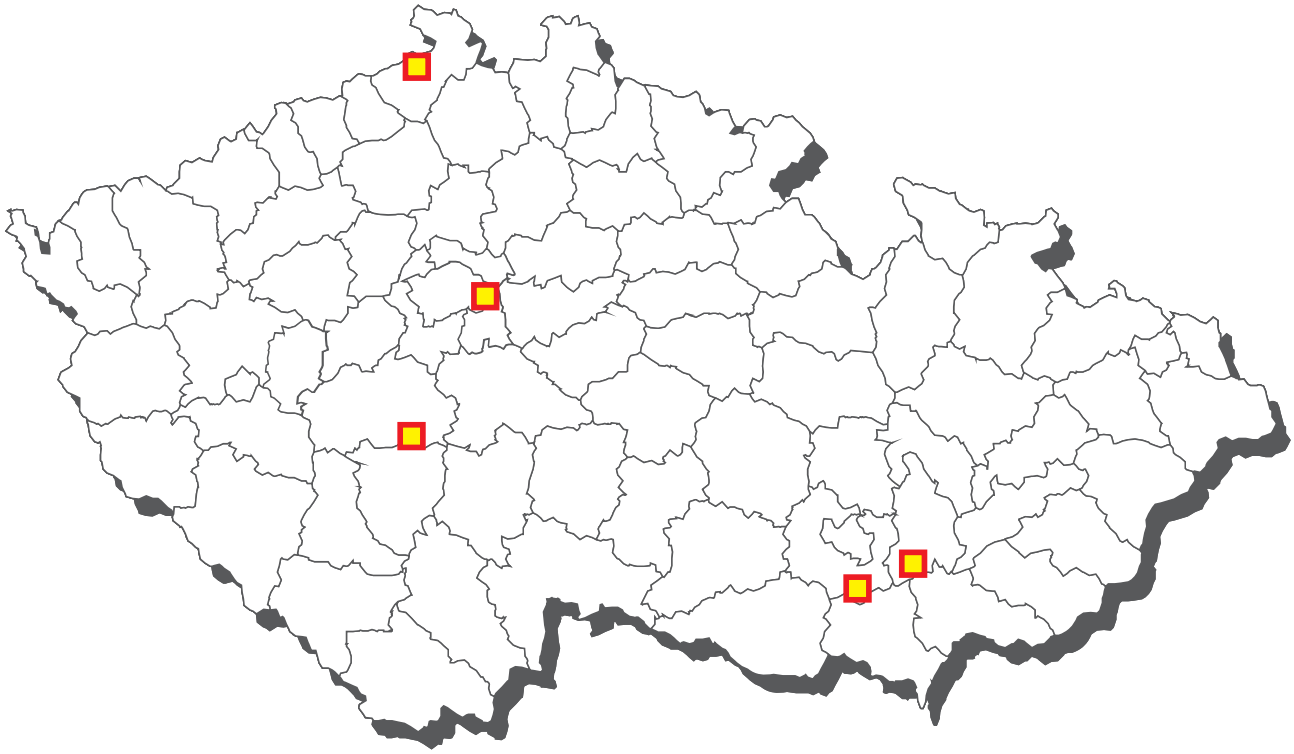
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quanti	maximum	unit
B3a aldrin, dieldrin (sum)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a chlordan	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a heptachlor	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	1,65000	n.d.	n.d.	3,00000	ng/g fat
B3c cadmium	9	3	33,3	0	0,0	0,00283	n.d.	0,00360	0,00600	mg/kg
B3c mercury	9	2	22,2	0	0,0	0,00040	n.d.	0,00056	0,00080	mg/kg
B3c lead	9	2	22,2	0	0,0	0,00561	n.d.	0,01000	0,01000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	9	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	9	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	9	0	0	0	0	0

CL 2017 - sampling of wild boar (feral pigs)



Wild boar (feral pigs) - non-compliant results 2017



lead - muscle

wild boar (feral pigs) - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a mebendazole (sum)	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a rafoxanid	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3a aldrin, dieldrin (sum)	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	7	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	7	5	71,4	0	0,0	0,02179	0,01650	0,04080	0,04800	mg/kg
B3a endrin	7	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	7	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	7	2	28,6	0	0,0	0,00059	n.d.	0,00116	0,00140	mg/kg
B3a heptachlor	7	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	7	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	7	4	57,1	0	0,0	16,67586	12,88300	34,99360	35,94100	ng/g fat
B3c cadmium	43	15	34,9	0	0,0	0,00245	n.d.	0,00380	0,01300	mg/kg
B3c mercury	43	39	90,7	0	0,0	0,00331	0,00200	0,00792	0,01040	mg/kg
B3c lead	43	24	55,8	**5**	**11,6**	0,39026	0,01000	0,22120	14,65000	mg/kg
B3f WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,99133	0,75600	1,40720	1,57000	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	2,51733	2,78000	3,62000	3,83000	pg/g fat
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	3	3	100,0	0	0,0	0,02700	0,02580	0,04044	0,04410	ng/g
B3f 2,2',4,4',5-PentaBDE	3	2	66,7	0	0,0	0,01480	0,01480	0,02360	0,02580	ng/g
B3f 2,2',4,4',6-PentaBDE	3	1	33,3	0	0,0	0,00807	n.d.	0,01236	0,01420	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	1	33,3	0	0,0	0,00987	n.d.	0,01717	0,02030	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	1	33,3	0	0,0	0,00690	n.d.	0,00956	0,01070	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	3	1	33,3	0	0,0	0,00813	n.d.	0,01252	0,01440	ng/g
B3f sum PCB	3	2	66,7	0	0,0	19,94500	15,70400	34,84560	39,63100	ng/g fat

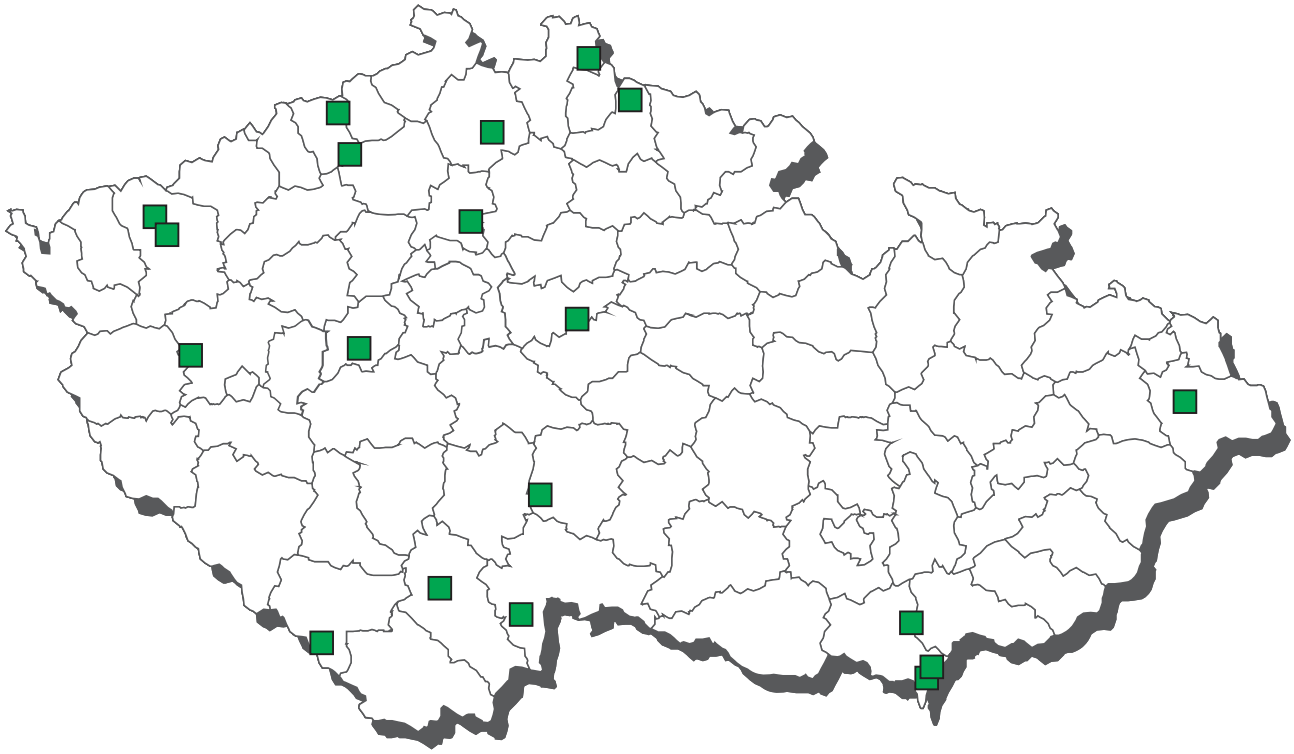
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	AL - 0,1 mg/kg	43	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	43	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	33	3	2	0	0	**5**
B3f WHO-PCDD/F-TEQ	AL - 2 pg/g fat	2	0	1	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	AL - 4 pg/g fat	1	1	1	0	0	0
B3f sum PCB	AL - 40 ng/g fat	2	0	1	0	0	0

sampling date	cadastral district (sampl.)	origin	value
lead			
9.3.2017	Žďár nad Sázavou	Lesy ČR, s.p., Lesní závod Židlochovice	0,256 mg/kg
8.6.2017	Praha-východ	Gril servis s.r.o.	0,41 mg/kg
11.2.2017	Příbram	Krásná Hora - Krašovice	0,36 mg/kg
21.9.2017	Znojmo	VLS ČR, s.p., LS Rychtářov - Bílý Vlk	0,48 mg/kg
28.8.2017	Děčín	Růžová	14,65 mg/kg

wild boar (feral pigs) - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a ivermectin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg

CL 2017 - sampling of other cloven-hoofed animals

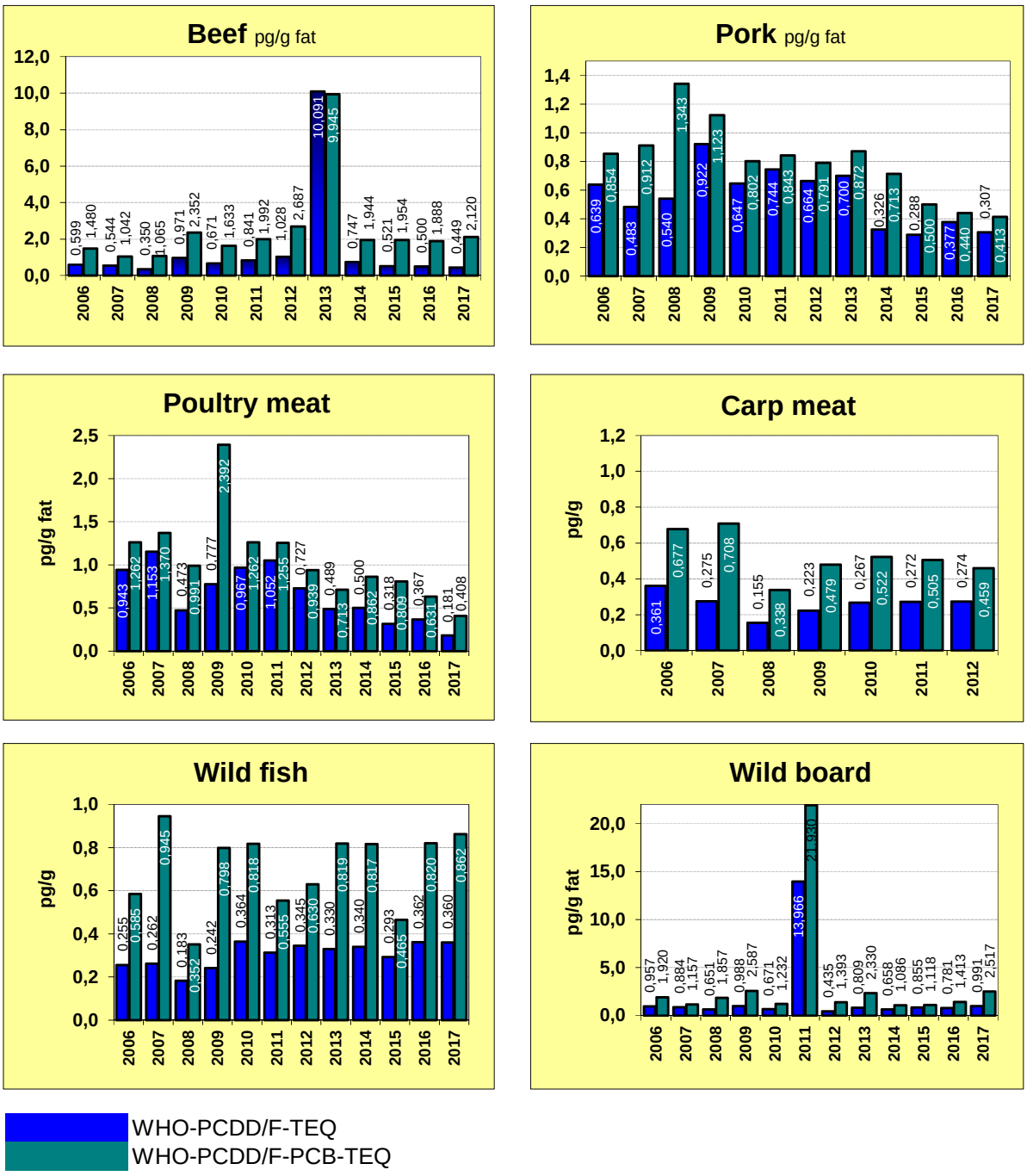


other cloven-hoofed animals - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	3	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	3	0	0,0	0	0,0	0,00052	n.d.	n.d.	0,00055	mg/kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a endosulfan (sum)	3	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	3	0	0,0	0	0,0	1,20000	n.d.	n.d.	3,00000	ng/g fat
B3c cadmium	18	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B3c mercury	18	3	16,7	0	0,0	0,00052	n.d.	0,00069	0,00120	mg/kg
B3c lead	18	8	44,4	0	0,0	0,01139	n.d.	0,02930	0,04600	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	AL - 0,1 mg/kg	18	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	18	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	18	0	0	0	0	0

The average dioxins content in foodstuffs and raw material



The average dioxins content in foodstuffs and raw material