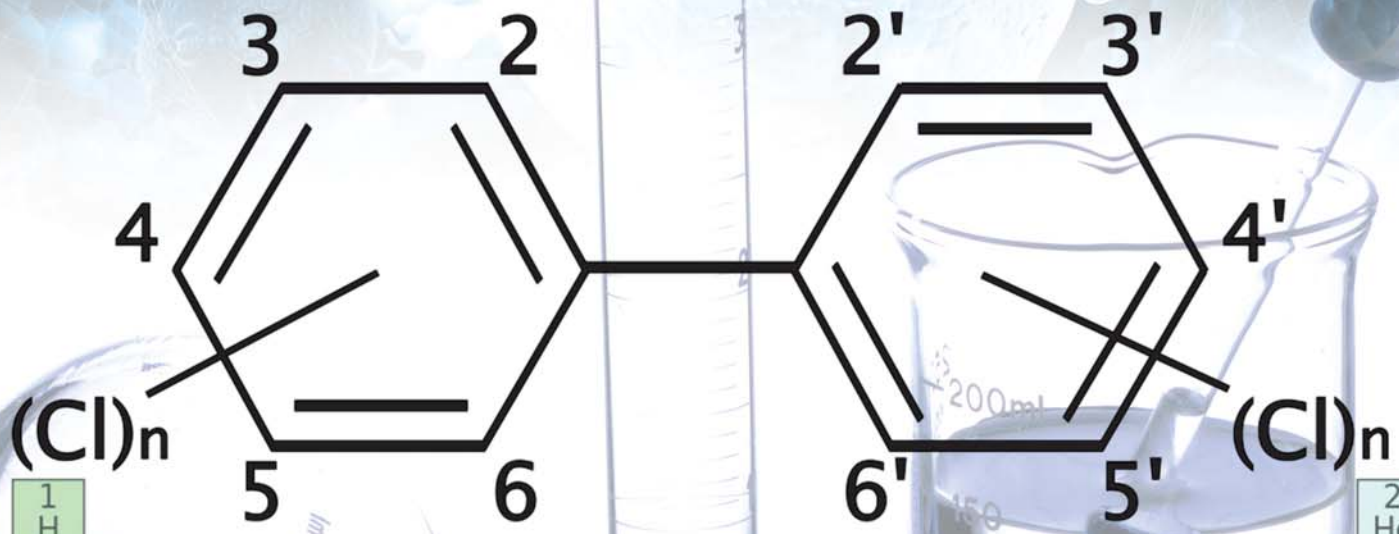
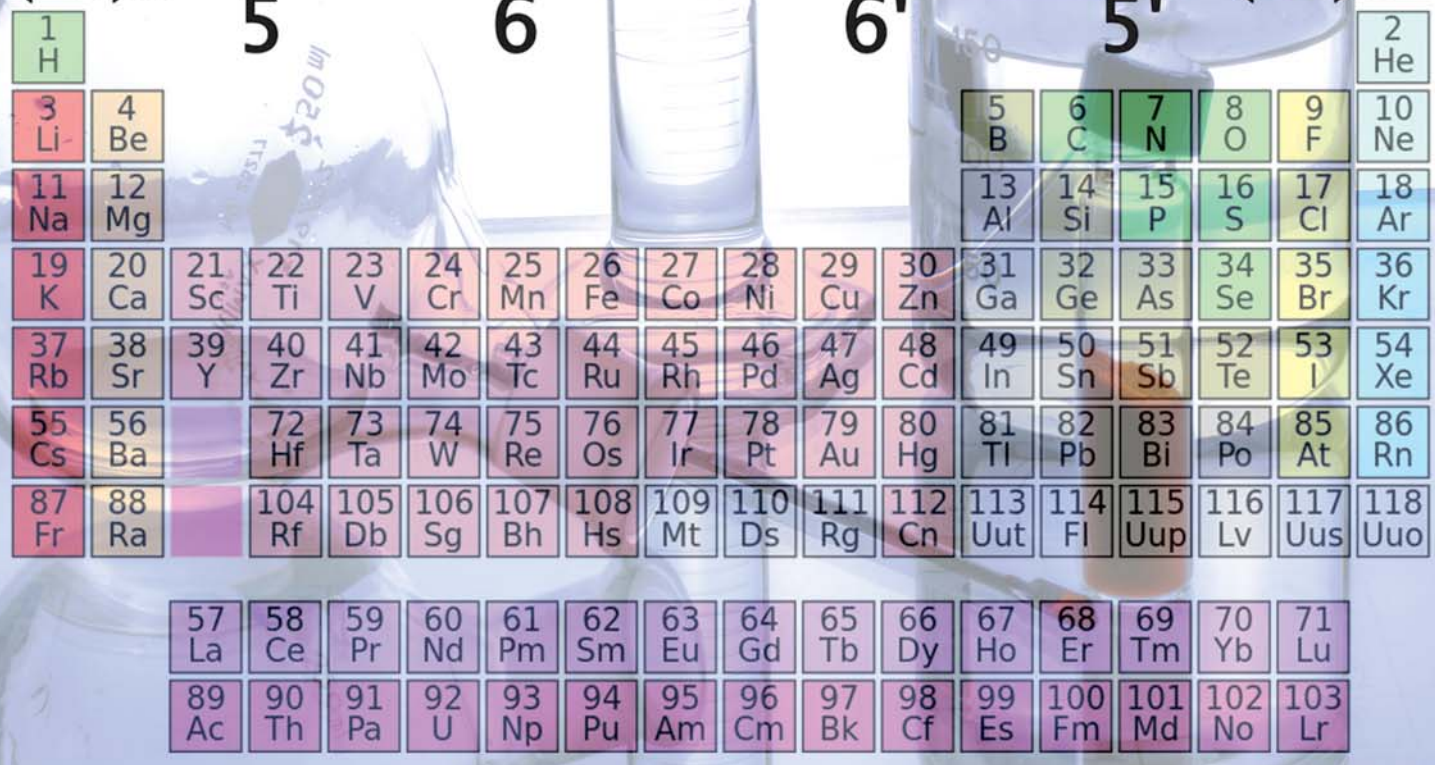
State veterinary administration





State Veterinary Administration of the Czech Republic

Contamination of Food Chain with Residues and Contaminants Situation in the Year 2019

Information Bulletin No 1/2020

State Veterinary Administration of the Czech Republic

Information Bulletin No 1/2019

Contamination of Food Chain with Residues and Contaminants – Situation in the Year 2019

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

Drawn up based on the data from the SVA CR Information System – March 2020

Summary:

This report contains results of analyses for the detection of residues and contaminants (so called "foreign substances") in raw materials and food of animal origin, feeds and water. The results of chemical analyses are processed in the form of tables and graphs expressing trends in the average content of certain residues and contaminants for a longer time period. In the year 2019, the State Veterinary Administration (hereinafter referred as the "SVA") arranged at laboratories of the State Veterinary Institutes (hereinafter referred as the "SVIs") and the Institute for State Control of Veterinary Biologicals and Medicines (hereinafter referred as the "ISCVBM") the performance of totally 92 377 analyses for the content of residues and contaminants (i.e. by 2 036 more than in the year 2018), from which 89 936 analyses were performed within planned sampling, 184 analyses within targeted testing of suspect samples, 2 188 analyses in samples from other Member States of the European Union (hereinafter referred to as the "EU") and 69 analyses in samples of commodities imported from third countries. The highest increase was, as compared with the year 2018, recorded within planned sampling/testing (by 2.3 %) and imports from the EU countries (by 40.9 %). On the other side, a decrease in the number of targeted tests in the cases of suspicions and follow-up tests (by 76 %) was recorded, as well as in imports from third countries (by 77.5 %). Non-compliant findings represented 0.06 % of all performed analyses which was significantly lower percentage in comparison with previous years (0.16 % in the year 2018, 0.11 % in the year 2017). This was caused by a lower representation of non-compliant tests of planned samples from live and slaughtered farm animals, raw materials and food of animal origin. The decrease in non-compliant tests of farmed game animals and fish was registered as well, as compared with the year 2018.

General overviews of testing for residues and contaminants (hereinafter referred to as the "R+C") according to commodities and sampling reasons in the years 2018 and 2019 are given in the tables:

Table	General overview of testing for R+C according to commodities and sampling reasons in the year 2018	p. 18
Table	General overview of testing for R+C according to commodities and sampling reasons in the year 2019	p. 19

Contents

2.1. Feed materials of animal origin 4
2.2. Complete and supplementary feedingstuffs 5
2.3. Water used for watering animals 5
3. Foodstuffs of animal origin 6
3.1. Milk 6
3.1.1. Raw cow milk 6
3.1.2. Raw sheep and goat milk 6
3.2. Hen eggs 6
3.3. Quail eggs 7
3.5. Honey 7
4. Farm animals 7
4.1. Bovine animals 7
4.1.1. Calves 7
4.1.2. Young bovine animals under 2 years of age (fattening) 8
4.1.3. Cows 8
4.2. Sheep and goats 8
4.3. Pigs 9
4.3.1. Fattening pigs 9
4.3.2. Sows 9
4.4. Poultry 9
4.4.1. Poultry 9
4.4.2. Waterfowl 10
4.5. Ostriches 10
4.6. Quails 10
4.7. Rabbits 10
4.8. Horses 10
4.9. Farmed cloven-hoofed animals 11
4.10. Freshwater fish 11
5. Wild game 12
5.1. Pheasants and wild ducks 12
5.2. Hares 12
5.3. Wild boars (feral pigs) 12
5.4. Other cloven-hoofed animals 13
6. Testing for “dioxins” 13
8. Conclusions 14

1. Introduction

The report for the year 2019 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 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. Primary validated data are sent *via* the "Data Collection Framework" (hereinafter referred to as the "DCF") to the data warehouse of the European Food Safety Agency (hereinafter referred to as the "EFSA") by 30 June. Official samples, the analyses of which are paid from the budget of the SVA CR, or the ISCVBM, respectively, are concerned within this monitoring. 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 (hereinafter referred to as the "SVA") based on the 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, the Regional Veterinary Administrations of the State Veterinary Administration and the Municipal Veterinary Administration in Prague (hereinafter referred to as the "RVA") act so as to prevent further spread of harmful substances through 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 and trained 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 or prohibited 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 (hereinafter referred to as the "VMPs") 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) or in the cases of repeated excessive contaminations.

The number of planned samples for chemical analyses is based on calculation 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. Certain finished food products of animal origin for checks on selected substances and residues were included to the system of planned testing in the assessed year as well.

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 for certain substances, we use the "action levels" (intervention threshold levels) at exceeding of which it is necessary to search for the source of contamination and take measures for its reduction or elimination. The same applies in the cases when concentrations under the RPA levels are detected (in particular in drugs, the use of which in food producing animals is prohibited). In such cases, it is also necessary to investigate whether an intentional breach of the ban on the use of prohibited or unauthorised drug, or other reason of the presence of residues, respectively, was concerned. Feedingstuffs are covered by Act No 91/1996 on feedingstuffs, as amended, and its implementing Decree No 356/2008, as amended. The maximum content of chemical elements, pesticides, mycotoxins, dioxins and additives is set out in Directive of the European Parliament and of the Council 2002/32/EC, on undesirable substances in animal feed.

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 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 testing").

The results of all tests for the presence of residues and contaminants are kept in the SVA Information System within which communication with information systems of participating laboratories and keeping results of all performed analyses for the presence of residues and contaminants take place. The data are retrieved for the central processing at the SVA Information Centre in Liberec using the VPN communication network of the SVA.

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/LOQ 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,

MRL the maximum residue limit,

AL the action level,

RPA the reference point of action.

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

Regular sampling for the specified scope 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, the residues of pesticides, unauthorised veterinary drugs, presence of mycotoxins and, if appropriate, anticoccidials 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 unsafety from raw materials and foodstuffs of animal origin. VMPs or prohibited 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 were the subject of our monitoring with respect to the content of toxic chemical elements, 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).

No non-compliant concentrations of monitored residues and contaminants were detected in imported fish meals. Established concentrations of chlorinated pesticides, dioxins, PBDE and heavy metals were under the ML. 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 of animal origin (rendered fats) did not contain levels of polychlorinated biphenyls (PCB) and dioxins exceeding specified limits. All measured levels were very low.

Map	Sampling of fish meals and rendered fats	p. 20
Table	Results for fish meals	p. 21
Table	Results for feed materials of animal origin (rendered fats)	p. 22

2.2. Complete and supplementary feedingstuffs

In complete feedingstuffs, compound feedingstuffs for poultry, no non-compliant concentrations of feed additives were detected. In comparison with previous years, this finding is much more favourable. Compound feedingstuffs for poultry were relatively often contaminated with the residues of feed additives (anticoccidials).

The residues of unauthorised substances and other VMPs were not detected in any sample of complete and supplementary feedingstuffs, including complete feedingstuffs for particular species (rabbits, pigs, cattle and fish) and categories of farm animals. In any of tested samples, the concentrations of contaminants (chemical elements, chlorinated hydrocarbons) did not exceed authorised hygiene limits as well; their levels were immeasurable in most samples. In one sample of feed for rabbits, an increased concentration of an anticoccidial diclazuril was detected in an interval between 75 % and 100 % of the maximum limit.

The graphic expression of trends in the content of chemical elements in compound feedingstuffs reflects almost stabilised contents 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.

Map	Sampling of complete and supplementary feedingstuffs	p. 23
Table	Results for complete and supplementary feedingstuffs	p. 24
Map	Sampling of compound feedingstuffs for poultry and rabbits	p. 25
Table	Results for compound feedingstuffs for poultry	p. 26
Table	Results of compound feedingstuffs for rabbits	p. 27
Map	Sampling of compound feedingstuffs for swine animals and bovine animals	p. 28
Table	Results for compound feedingstuffs for swine animals	p. 29
Table	Results of compound feedingstuffs for bovine animals	p. 30
Map	Sampling of compound feedingstuffs for fish	p. 31
Table	Results for compound feedingstuffs for fish	p. 32
Graph	The average content of chemical elements in complete and supplementary feedingstuffs (1991(2)-2019)	p. 33

2.3. Water used for watering animals

Testing of water used for watering farm animals is performed to detect possible administration of unauthorised drugs. However, such testing is performed only in the case of a justified suspicion or within the targeted back-tracing/investigation of positive findings in farm animals or, by random sampling. In the year 2019, totally 5 samples of water were tested for the presence of unauthorised or prohibited VMPs. 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 the content of the residues of unauthorised substances were taken directly on farms from live animals (blood, urine, hairs and feathers), samples of raw materials and foodstuffs were taken at manufacturers, processors or distributors, respectively. 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 milk were taken on farms; raw sheep and goat milk was sampled only in areas where a higher number of sheep or goats is kept.

3.1.1. Raw cow milk

Most of analytes for which milk is tested were not detected in raw cow milk at measurable levels. No levels of chemical elements, chlorinated pesticides, PCB, organophosphorous insecticides, mycotoxins (aflatoxin M1) and the residues of drugs or unauthorised substances exceeding limits were proven. This finding is even more favourable than in the year 2018 when all samples analysed for the whole scale of tested analytes complied with hygiene limits but in one sample of raw cow milk a higher concentration of PCB (23.377 $ng.g^{-1}$ of fat – as compared with the ML of 40.00 $ng.g^{-1}$ of fat) was detected.

Map	Sampling of raw cow's milk	p. 36
Table	Results for raw cow's milk (4 sheets)	p. 37-40

3.1.2. Raw sheep and goat milk

No levels of monitored chemical elements, pesticide residues and polychlorinated biphenyls (PCB) and dioxins exceeding limits were detected in samples of raw sheep and goat milk. In sheep milk, all monitored analytes were safely under specified limits, at practically immeasurable concentrations. In raw goat milk, no non-compliant concentrations of monitored analytes were detected, except for one sample from organic farming with the content of an anthelmintic closantel (374 $\mu g.kg^{-1}$). Commission Regulation (EC) No 37/2010 does not establish any MRL for closantel in goat milk (the MRL is established for raw cow milk and sheep milk – 45 $\mu g.kg^{-1}$). An on-the-spot enquiry revealed the cause of residues which consisted in an oversight (a human mistake) – an addition of milk from 10 treated animals to the milk of healthy animals – the movement of animals was prohibited, placing on the market of milk, including manufactured cheese, was stopped pending confirmation, based on further laboratory analyses, of the safety of produced food. Measures preventing the repetition of such a serious mistake were ordered. The residues of unauthorised medicinal products and the presence of aflatoxin M1 were not proven at measurable concentrations in any sample.

The graphic expression of trends in the content of PCB in raw cow, goat and sheep milk reflects low levels of these contaminants with respect to the currently applicable limit (i.e. 40.00 $ng.g^{-1}$ of fat) for several years. Polychlorinated biphenyls were massively used in the past as plasticisers in paints. The environment for keeping farm animals was heavily loaded with it.

Map	Sampling of raw sheep and goat milk	p. 41
Table	Results for raw sheep milk (3 sheets)	p. 42-44
Table	Results for raw goat milk (2 sheets)	p. 45-46
Graph	The average content of PCB sum in raw cow, sheep and goat milk (1998-2019)	p. 47

3.2. Hen eggs

No residues of VMPs and additives (anticoccidials) were detected in samples of hen eggs, except for one sample containing sulphamethoxazole (9 $\mu g.kg^{-1}$). Commission Regulation (EC) No 37/2010 does not establish any MRL

for this VMP. The contamination of a compound feedingstuff for laying hens with a medicated feedingstuff intended for other animals took place at the level of production or transport most probably. The contents of chlorinated pesticides, toxic chemical elements, dioxins and PCB complied with limits in all cases. Concentrations of these substances were at the threshold of measurability in most cases.

Table	Results for hen eggs (4 sheets)	p. 48-51

3.3. Quail eggs

No measurable concentrations of VMPs, feed additives (anticoccidials), chlorinated pesticides and polychlorinated biphenyls (PCB) were found in quail eggs.

Map	Sampling of quail eggs and hen eggs	p. 52
Table	Results for quail eggs (2 sheets)	p. 53-54

3.5. Honey

No measurable concentrations of chlorinated pesticides, polychlorinated biphenyls (PCB), insecticides, pyrethroids and veterinary drugs, including prohibited substances (chloramphenicol, nitrofurans), were proven. It is the same favourable situation as in the year 2018, as well as in previous years. However, in one sample from a small beekeeper, the concentration of lead exceeding limit (0.134 $mg.kg^{-1}$) was detected. An on-the-spot enquiry detected the most probable source of contamination – a weld (solder containing lead) on an old equipment used for the extraction of honey. The use of this equipment was stopped at once and 25 kg of honey were disposed as an animal by-product.

The graphs of the content of lead and cadmium from the year 1992 reflect low levels of both elements with a prompt of decreasing concentrations. In the case of lead, there are apparent casual extremes in the contamination of honey caused (repeatedly) by the use of an old equipment for the extraction of honey with formerly used welding of metal parts using a solder containing lead.

Map	Sampling of honey	p. 55
Table	Results for honey (2 sheets)	p. 56-57
Graph	The average content of cadmium and lead in honey (1992-2019)	p. 58

4. Farm animals

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

4.1. Bovine animals

4.1.1. Calves

No non-compliant concentrations of monitored substances or toxic elements were detected in any sample taken from live animals or in any tissue sample taken from slaughtered calves. The concentrations of all residues and contaminants safely complied with established limits in all samples. The analyses of urine, blood serum, inner fat and hairs did not prove an illegal use of growth stimulators or other prohibited drugs.

Table	Results for calves (8 sheets)	p. 59-66

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

The content of chemical elements (cadmium, lead, mercury and arsenic) in muscle, liver and kidney samples complied with the maximum limits. The concentrations of chlorinated pesticides and residues of organophosphorous insecticides complied with the MRL in all cases as well; all levels fell into an interval under 50 % of specified limits. In two muscle samples taken within planned testing, the levels of PCB at the threshold of the maximum limit (40 $ng.g^{-1}$ of fat) were detected; however, the measured levels complied with the maximum limit. No residues of unauthorised or prohibited VMPs were detected in muscle samples. Aflatoxins were not detected at measurable concentrations in liver samples. The residues of VMPs, unauthorised drugs and substances having hormonal effect were detected neither in live animals (blood, urine, hairs), nor in tissues of slaughtered young bovine animals.

As apparent from the graphs concerning the average content of chemical elements in liver and kidney of young bovine animals under 2 years of age, the concentrations of mercury, lead and cadmium were low. In the case of lead, there has been an apparent trend in the decrease in its concentration in liver and kidney since the year 1990.

Map	Sampling of young bovine animals under 2 years of age and calves	p. 67
Table	Results for young bovine animals under 2 years of age (9 sheets)	p. 68-76
Graph	The average content of chemical elements in liver of young bovine animals under 2 years of age (1992-2019)	p. 77
Graph	The average content of chemical elements in kidney of young bovine animals under 2 years of age (1990-2019)	p. 78
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2019)	p. 79

4.1.3. Cows

The concentrations of cadmium exceeding specified limits were detected within planned sampling in cow kidney samples in three cases, as well as in 5 samples within a targeted testing aimed at older culled cows.

In urine, blood, perirenal fat and hairs, no signs of the use of unauthorised medicinal substances were detected.

The residues of VMPs, including 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, except for one sample with a higher content of a chlorinated pesticide hexachlorobenzene (HCB) at the concentration approaching the maximum limit (the use of HCB as a fungicide has been prohibited in the Czech Republic since the year 1977).

Map	Sampling of cows	p. 80
Table	Results for cows (8 sheets)	p. 81-88

4.2. Sheep and goats

No levels of chemical elements exceeding established limits were detected in goat muscle and liver samples. In two kidney samples, the content of cadmium approaching the maximum limit was detected. No levels exceeding established limits were detected in goat muscle, liver and kidney. No residues of unauthorised substances having hormonal effect and veterinary medicinal products were detected in any of tested sheep and goat tissue sample, including urine and hairs, at measurable concentrations.

Map	Sampling of sheep and goats	p. 89
Table	Results for sheep (7 sheets)	p. 90-96
Table	Results for goats (5 sheets)	p. 97-101

4.3. Pigs

4.3.1. Fattening pigs

No non-compliant concentrations of the residues of VMPs and other monitored substances, including dioxins and PCB, were detected in pig muscle and liver samples. The concentration of benzylpenicillin residues exceeding limit (931 $\mu g.kg^{-1}$) was detected in kidney of one pig. The residues of marbofloxacin at measurable concentrations were detected in muscle, liver and kidney of the same pig. Measures preventing the repetition of such state were ordered. Mercury content at an increased concentration was detected in three kidney samples; however, after the calculation of measurement uncertainty, the samples complied with the maximum limit. The concentration of mercury exceeding the ML was detected in one kidney sample taken within planned sampling; the same applied to one sample taken within targeted testing.

An increased level of an anabolic steroid 17-beta-19-nortestosterone was detected in one urine sample of fattening pigs. Androgenic steroids are present in animal body naturally; however, only at low levels. Neither enquiries on holdings of origin, nor further testing of urine samples of other animals proved the use of unauthorised substances having hormonal effect as growth stimulators. In such cases, keepers and private veterinarians sign a declaration stating that no substances, the use of which is unauthorised or prohibited in food producing animals, were used. No measurable concentrations of the residues of unauthorised drugs were detected in pig plasma, hairs and internal fat.

The graphical expression of the average values of the content of chemical elements (heavy metals) documents, from the long-term viewpoint, a significant decrease in the content of lead in liver and kidney and a stable low average content of mercury and cadmium. The results of testing for the content of PCB unambiguously document stabilised low levels of these contaminants already for several years.

Map	Sampling of pigs	p. 102
Table	Results for pigs (10 sheets)	p. 103-112
Graph	The average content of chemical elements in liver of pigs (1990(1)-2019)	p. 113
Graph	The average content of chemical elements in kidney of pigs (1990(1)-2019)	p. 114
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2019)	p. 79

4.3.2. Sows

Testing of muscle, liver and kidney samples was focused on the residues of VMPs, in particular antimicrobials. The residues of dihydrostreptomicin at the concentration exceeding limit were proven in liver (5155 $\mu g.kg^{-1}$) and kidney (5419 $\mu g.kg^{-1}$) in one case. An on-the-spot enquiry detected a non-compliance with the withdrawal period which was not observed. The residues of streptomycines (group) at measurable contents were detected in four sow liver samples in total. An enquiry detected that the relevant withdrawal period was observed. Other muscle, liver and kidney samples taken within planned testing complied with established limits in all cases.

Map	Sampling of sows	p.115
Table	Results for sows (5 sheets)	p. 116-120

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 VMPs (including unauthorised substances) and contaminants exceeding limits were found in chicken broiler muscle and liver samples; the residues of unauthorised VMPs were not detected in samples of feathers and blood serum as well as. Measurable concentrations of anticoccidials were not detected in muscle and liver samples practically, or only trace levels of nicarbazin were found in liver samples, respectively.

Muscle, liver, fat and skin samples of culled laying hens complied with the limits for monitored residues and contaminants. No traces of the use of substances, the use of which is prohibited in food producing animals, were proven in feathers. No concentrations of chemical elements exceeding the maximum permitted levels were found in muscle and liver samples of turkeys; the detected levels were very low. The concentrations of chlorinated pesticides and polychlorinated biphenyls (PCB) safely met the levels of the maximum limits. The residues of VMPs 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 and hens	p. 121
Table	Results for chicken (5 sheets)	p. 122-126
Table	Results for hens (6 sheets)	p. 127-132
Map	Sampling of turkeys	p. 133
Table	Results for turkeys (5 sheets)	p. 134-138

4.4.2. Waterfowl

No residues of VMPs or additives (anticoccidials) 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. 139
Table	Results for waterfowl (4 sheets)	p. 140-143

4.5. Ostriches

No levels of chemical elements and the residues of chlorinated pesticides exceeding limits were found in muscle and liver samples of ostriches. The residues of VMPs, including unauthorised ones, were not found at measurable concentrations.

Map	Sampling of ostriches	p. 144
Table	Results for ostriches (3 sheets)	p. 145-147

4.6. Quails

Only one quail was tested in the year 2019 due to a significant decrease in the number of these animals kept and intended for slaughter. No residues of VMPs, chlorinated pesticides and PCB were measured in muscle samples.

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, except for the detection of diclazuril residues (an anticoccidial) in a liver sample; the concentration did not exceed the MRL.

Map	Sampling of rabbits	p. 148
Table	Results for rabbits (4 sheets)	p. 149-152

4.8. Horses

Liver and kidney from horses above 2 years of age are confiscated (seized) due to the level of cadmium exceeding limits (see Decree No 298/2007, as amended). A high cumulation of cadmium in older horses was documented by

the evaluation of the results of monitoring and targeted testing of muscle, liver and kidney of horses intended for food purposes (in the years 2014 and 2015). It was proven 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 the maximum limits established in Commission Regulation (EC) No 1881/2006. In one horse muscle sample, the concentration of cadmium exceeding limit (0.328 $mg.kg^{-1}$) was detected; however, a horse (mare) of the age of 28 years was concerned.

No residues of drugs, including the residues of unauthorised substances having 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. 153
Table	Results for horses (6 sheets)	p. 154-159

4.9. Farmed cloven-hoofed animals

No concentrations of chlorinated pesticides, polychlorinated biphenyls (PCB), additives (anticoccidials) and toxic elements were detected in muscle samples of farmed cloven-hoofed animals. No measurable concentrations of unauthorised VMPs, including substances having hormonal effect, exceeding limits were detected in tissues.

Map	Sampling of farmed cloven-hoofed animals	p. 160
Table	Results for farmed cloven-hoofed animals (3 sheets)	p. 161-164

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 preparations and other drugs were detected, except for one carp sample with the residues of leucomalachite green (LMG, a leuco-form of malachite green, MG); a relatively high level of 8.47 $\mu g.kg^{-1}$ was detected there. Measures preventing an illegal use of malachite green (MG) and ensuring a conclusive traceability were ordered at the holding where samples were taken and holding of origin of the fish concerned. A follow-up targeted testing did not prove non-compliant residues of MG/LMG. A so-called “reference point of action” (RPA) applies to the MG sum and its metabolic form LMG – 2.0 $\mu g.kg^{-1}$ until 27 November 2022, after exceeding of which the food in question is considered health unsafe. After the mentioned date, the limit will be made stricter – to the RPA level of 0.5 $\mu g.kg^{-1}$. The residues of MG and LMG, or only LMG, respectively, at measurable concentrations exceeding the decision limit, i.e. the RPA, were detected (including targeted testing) in five holdings keeping rainbow trouts. These findings unambiguously indicate a non-discipline of trout fish keepers, both national and foreign (from which early stages of the fish were imported). Emergency veterinary measures were ordered and fish exceeding the limit of 2.0 $\mu g.kg^{-1}$ could not have been placed on the market. In one case, a non-compliant consignment of market trouts originated from Italy where their contamination with LMG (13.4 $\mu g.kg^{-1}$) took place. In another case, a brook trout (*Salvelinus fontinalis*) was concerned in which the residues of MG (1.98 $\mu g.kg^{-1}$) and LMG (1.2 $\mu g.kg^{-1}$) were detected. As for another farmed fish species, neither the residues of MG and LMG above the decision limit of 2.0 $\mu g.kg^{-1}$, nor the residues of other monitored substances were detected.

The contents of chlorinated pesticides and PCB were very low in tested freshwater fish and did not reach 50 % of the levels of hygiene limits. No non-compliant concentrations of dioxins and DL-PCB were detected in fish samples.

Map	Sampling of freshwater fish – carps and trouts	p. 165
Table	Results for freshwater fish – carps (3 sheets)	p. 166-168
Table	Results for freshwater fish – trouts (3 sheets)	p. 169-171
Map	Sampling of freshwater fish – other species	p. 172
Table	Results for freshwater fish – other species (2 sheets)	p. 173-174

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 also 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 level” (AL) of 0.1 $mg.kg^{-1}$ recommended by the Head of the National Institute for Public Health of the Czech Republic 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

No concentrations of lead exceeding the action level (AL) were detected in any wild duck muscle sample, in contrast to the year 2018 (5 non-compliant from 11 ducks tested in total). A non-compliant content of PCB (above the AL – 0.8 $ng.g^{-1}$) was detected in one wild duck. The content of lead exceeding limit was not detected in pheasant muscle samples, in contrast to previous years.

Map	Sampling of pheasants and wild ducks	p. 175
Table	Results for pheasants	p. 176
Table	Results for wild ducks	p. 177

5.2. Hares

A non-compliant concentration of lead (above the AL – 0.1 $mg.kg^{-1}$) was detected in five muscle tissue samples of one brown hare (from 3 samples). The concentrations of other monitored chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) complied with established limits. All values fell into an interval under 50 % of limits.

Map	Sampling of hares	p. 178
Table	Results for hares	p. 179

5.3. Wild boars (feral pigs)

The concentrations of lead exceeding limits (above the AL – 0.1 $mg.kg^{-1}$) were detected in five muscle samples; the ammunition containing lead was concerned in these cases probably. 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 the level of the decision limit (40 $ng.g^{-1}$ of fat, or 10 $ng.g^{-1}$, respectively) established for domestic pigs was detected in two samples; however, the levels were assessed as compliant within measurement uncertainty. No maximum limits for dioxins, dioxin sum and DL-PCB are established for this animal species. Currently it seems that the contamination of wild boars with dioxins 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. The action levels (i.e. 4 $pg.kg^{-1}$ of fat for dioxin/furan sum and DL-PCB and 2 $pg.g^{-1}$ of fat for dioxin/furan) were not exceeded.

In order to check whether wild boars (as non-target animals) could 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 liver and muscle samples of wild boars tested in the year 2019 were negative for the monitored residues, as in the year 2018 and previous years.

Map	Sampling of wild boars (feral pigs)	p. 180
Table	Results for wild boars (feral pigs)	p. 181

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. Two non-complying finding of lead in muscle (roe deer and mouflon) were detected in the year 2019. All game meat from roe deer was seized (confiscated). Operators were given notice of the necessity to perform a thorough trimming of tissues damaged with projectiles.

Map	Sampling of other cloven-hoofed animals	p. 182
Table	Results for other cloven-hoofed animals	p. 183

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. A decreasing trend in the content of “dioxins” during several last years is apparent in poultry meat and hen eggs. Some signs of such decrease can be seen in pork and rendered fats as well.

Graph	The average content of dioxins in foodstuffs and raw materials (3 sheets)	p. 184-186

7. Food products

Certain food products taken directly at manufacturers or places of destination were included in the national residue monitoring plan in the years 2018 and 2019.

7.1. Meat products and poultry meat products

Samples of heat untreated meat products and poultry meat products (hereinafter referred to as the “HUMP”) complied with legislative requirements in all cases of monitored contaminants (chlorinated pesticides, PCB, certain additives). In the case of heat treated meat products and poultry meat products (hereinafter referred to as the “HTMP”), in two samples of smoked meat (sausage, smoked pork belly/bacon) the maximum limit for polycyclic aromatic hydrocarbons (PAH), both for the sum of four indicator polyaromatics (PAH4) – 63.28 $\mu g.kg^{-1}$ and 41.2 $\mu g.kg^{-1}$, and for benzo[a]pyrene as such – 8,03 $\mu g.kg^{-1}$ and 5,77 $\mu g.kg^{-1}$, was exceeded. The food business operator concerned was ordered either to modify the currently used smoking technology or to replace the smokehouse. One sample of the “Tourist salami” contained non declared food additives (sorbic acid and benzoic acid). Neither sorbic acid, nor benzoic acid were indicated in the recipe, specification or label of the salami.

Results of testing meat products containing horse meat for the presence of the residues of unauthorised non-steroidal anti-inflammatory drugs for horses intended for food purposes complied in all samples. The residues of these drugs were not proven at measurable amounts. In meat products from game meat, a higher concentration of lead at the threshold of the ML was detected in one case. As compared with the year 2018, a significant improvement of the state is concerned (in the year 2018, higher concentrations of lead were detected in four cases from 25 samples). We use the limits of 0.15 $mg.kg^{-1}$ (for game meat products) and of 0.1 mg^{-1} (for game meat) established based on risk assessment and a recommendation of the Head of the National Institute for Public Health of the Czech Republic for the assessment of lead content. As for the content of toxic metals, other samples complied with the ML.

Map	Sampling of meat products and poultry meat products	p. 187
Table	Results for meat products and poultry meat products (2 sheets)	p. 188-189

7.2. Milk products

The presence of a food additive natamycin (495.8 µg.kg^{-1}) was detected in one sample of ripening cheese; the use of the additive was not declared in the composition of the products (four samples with non-declared use of natamycin were concerned in the year 2018).

As for other analysed contaminants (chlorinated pesticides and PCB), all samples of ripening, fresh and processed cheese and drinking milk safely complied with specified limits – their concentrations were almost immeasurable. The traces of DDT and PCB at the threshold of detection performance of the detection method used were found in several samples. A measurable content of aflatoxin M1 was not proven in all 37 samples of drinking milk.

Map	Sampling of milk products	p. 190
Table	Results for milk products	p. 191

7.3. Egg products

No residues of pesticides (pyrethroids, organophosphorous compounds) and biocides, including fipronil, were detected in all 20 samples of egg products.

Map	Sampling of egg products	p. 192
Table	Results for egg products	p. 193

7.4. Fish products

The content of polycyclic aromatic hydrocarbons (PAH) did not exceed the established ML in smoked fish products. In the case of marine fish products, the presence of unauthorised food additives was not detected. The content of toxic chemical elements safely complied with the maximum limits.

Map	Sampling of freshwater and marine water fish products	p. 194
Table	Results for freshwater and marine water fish products	p. 195

8. Conclusions

In the year 2019, the State Veterinary Administration (SVA) arranged at laboratories of the State Veterinary Institutes (SVIs) and the Institute for State Control of Veterinary Biologicals and Medicines (ISCVBM) the performance of totally 92 377 analyses for the content of residues and contaminants (i.e. by 2 036 more than in the year 2018). The highest increase was, as compared with the year 2018, recorded within planned sampling/testing (by 2.3 %) and imports from the EU countries (by 40.9 %). On the other side, a decrease in the number of targeted tests in the cases of suspicions and follow-up tests (by 76 %) due to a lower number of findings exceeding limits was recorded, as well as in imports from third countries (by 77.5 %). Non-compliant findings represented 0.06 % of all performed analyses which was significantly lower percentage in comparison with previous years (0.16 % in the year 2018, 0.11 % in the year 2017). This was caused by a lower representation of non-compliant tests of planned samples from live and slaughtered farm animals, raw materials and food of animal origin. The decrease in non-compliant tests of farmed game animals and fish was recorded as well, as compared with the year 2018.

As for feedingstuffs for farm animals, no non-compliant concentrations of monitored analytes were detected in any sample of all monitored groups of feedingstuffs, including imported feedingstuffs. This is much more favourable state, as compared with the year 2018 (0.20 % non-compliant results, in particular anticoccidials). The trend in the average content of chemical elements in compound feedingstuffs reflects almost stabilised contents of arsenic,

cadmium, lead and mercury at low levels with respect to the maximum limits. In lead and mercury, a decline in their content in complete feedingstuffs can be observed over time. Neither the residues of unauthorised VMPs were proven in feedingstuffs, nor an illegal medication of feedingstuffs were detected. The application of unauthorised drugs *via* water used for watering farm animals or for fish farming was not detected, as in previous years.

Samples of raw sheep milk and cow milk complied with specified limits in all cases. No levels of chemical elements, chlorinated pesticides, PCB, organophosphorous insecticides, mycotoxins (aflatoxin M1) and residues of drugs or unauthorised substances exceeding limits were detected. In raw goat milk, in one sample from organic farming the residues an anthelmintic closantel were detected. An on-the-spot enquiry revealed the cause of residues which consisted in an oversight (a human mistake) – an addition of milk from 10 treated animals to the milk of healthy goats.

No residues of VMPs and additives (anticoccidials) were detected in samples of hen eggs, except for one sample containing sulphamethoxazole. Commission Regulation (EC) No 37/2010 does not establish any MRL for this VMP in eggs. The contamination of a compound feedingstuff for laying hens with a medicated feedingstuff intended for other animals took place at the level of production or transport most probably. The contents of chlorinated pesticides, toxic chemical elements, dioxins and PCB complied with limits in all cases, both in hen eggs and in quail eggs. The concentrations of these substances were at the threshold of measurability in most cases.

No measurable concentrations of chlorinated pesticides, polychlorinated biphenyls (PCB), insecticides, pyrethroids and veterinary drugs, including prohibited substances (chloramphenicol, nitrofurans), were proven. It is the same favourable situation as in the year 2018, as well as in previous years. However, in one sample from a small beekeeper, the concentration of lead exceeding limit (0.134 $mg.kg^{-1}$) was detected. An on-the-spot enquiry detected the most probable source of contamination – a weld (solder containing lead) on an old equipment used for the extraction of honey (i.e. honey extractor).

An illegal use of growth stimulators and other prohibited drugs was not proven in calves, young bovine animals and cows. The content of chemical elements (cadmium, lead, mercury and arsenic) in muscle, liver and kidney samples of calves and young bovine animals complied with hygiene limits. The concentrations of chlorinated pesticides and residues of organophosphorous insecticides complied with the maximum limits in all cases as well. The concentrations of cadmium exceeding specified limits were detected within planned sampling in cow kidney samples in three cases, as well as in 5 samples within a targeted testing aimed at older culled cows. It is necessary to solve to the issue of a higher cadmium concentration in kidney of older cows by the confiscation of kidney from a certain age of bovine animals at the best. According to the present results and assessment of cadmium content in kidney of bovine animals, the age of 5 years seems to be critical. In sheep and goats, no levels of chemical elements exceeding limits were detected in muscle and liver samples. The residues of unauthorised substances with hormonal effect, as well as the residues of VMPs, were not detected in any of tested samples of sheep and goat tissues at measurable concentrations.

No non-compliant concentrations of the residues of VMPs and other monitored substances, including dioxins and PCB, were detected in pig muscle and liver samples. The concentration of benzylpenicillin residues exceeding limit was detected in kidney of one pig. The residues of marbofloxacin at measurable concentrations were detected in muscle, liver and kidney of the same pig. Measures preventing the repetition of such state were ordered. The concentration of mercury exceeding the ML was detected in one kidney sample taken within planned sampling; the same applied to one sample taken within targeted testing. Meat of fattening pigs is, according to the results of testing for residues and contaminants, quite safe and health safe. The residues of dihydrostreptomicin at the concentration exceeding limit were proven in liver and kidney in one case. An on-the-spot enquiry detected a non-compliance with the withdrawal period by which the keeper concerned committed a serious offence. Other muscle, liver and kidney samples taken within planned testing complied with established limits in all cases.

No levels of monitored residues of VMPs (including unauthorised substances) and contaminants exceeding limits were found in muscle and liver samples of poultry (broilers, laying hens, turkey). The concentrations of chlorinated pesticides and polychlorinated biphenyls (PCB) safely met the levels of the maximum limits. No residues of drugs, the use of which is prohibited in food producing animals, were detected in turkey blood serum and feathers; no residues of VMPs or additives (anticoccidials) were detected in muscle and liver of waterfowl (mainly ducks) at measurable concentrations. The same favourable findings as in poultry and waterfowl applied to meat and liver of ostriches and quails. No residues and contaminants were detected at non-compliant concentrations.

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 VMPs and additives were proven at non-compliant concentrations as well.

Liver and kidney from horses above 2 years of age are confiscated (seized) due to the level of cadmium exceeding limits (see Decree No 298/2007, as amended). In one horse muscle sample, the concentration of cadmium

exceeding limit (0.328 $mg.kg^{-1}$) was detected; however, a horse (mare) of the age of 28 years was concerned. No residues of veterinary drugs, including the residues of unauthorised substances having 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.

No concentrations of chlorinated pesticides, polychlorinated biphenyls (PCB), additives (anticoccidials) and toxic elements were detected in muscle samples of farmed game animals. No measurable concentrations of unauthorised VMPs, including substances having hormonal effect, exceeding limits were detected in tissues.

In carps, no residues of unauthorised medicinal preparations and other drugs were detected, except for one carp sample with the residues of leucomalachite green (LMG, a leuco-form of malachite green, MG); a relatively high level of 8.47 $\mu g.kg^{-1}$ was detected there. Measures preventing an illegal use of malachite green (MG) and ensuring a conclusive traceability were ordered at the holding where samples were taken and holding of origin of the fish concerned. A follow-up targeted testing did not prove non-compliant residues of MG/LMG. A so-called “reference point of action” (RPA) applies to the MG sum and its metabolic form LMG – 2.0 $\mu g.kg^{-1}$ until 27 November 2022, after exceeding of which the food in question is considered health unsafe. After the mentioned date, the limit will be made stricter – to the RPA level of 0.5 $\mu g.kg^{-1}$. The residues of MG and LMG, or only LMG, respectively, at measurable concentrations exceeding the decision limit, i.e. the RPA, were detected (including targeted testing) in five holdings keeping rainbow trouts. These findings unambiguously indicate a non-discipline of trout fish keepers, both national and foreign (from which early stages of the fish were imported). Emergency veterinary measures were ordered and fish exceeding the limit of 2.0 $\mu g.kg^{-1}$ could not have been placed on the market. In one case it was unambiguously proven that a purchased consignment of trouts intended for slaughter in the Czech Republic originated from Italy where their contamination with LMG took place (RASFF No 2019.1463).

As for game meat, no concentrations of lead exceeding the action level (AL) were detected in any wild duck muscle sample, in contrast to the year 2018 (5 non-compliant from 11 ducks tested in total). A non-compliant content of PCB (above the AL – 0.8 $ng.g^{-1}$) was detected in one wild duck. The content of lead exceeding limit was not detected in pheasant muscle samples, in contrast to previous years. A non-compliant concentration of lead (above the AL – 0.1 $mg.kg^{-1}$) was detected in five muscle tissue samples of one brown hare (from 3 samples). The concentrations of other monitored chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) complied with established limits. All values fell into an interval under 50 % of limits. All liver and muscle samples of wild boars from sites where medicated feedingstuffs intended for the treatment of parasitic diseases of deers and roe deers were applied tested in the year 2019 were negative for the monitored residues, as in the year 2018 and previous years. In the group of other cloven-hoofed animals (excluding wild boars), two samples with a non-complying content of lead in muscle (roe deer and mouflon) were detected.

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. A decreasing trend in the content of “dioxins” during several last years is apparent in poultry meat and hen eggs. Some signs of such decrease can be seen in pork and rendered fats as well.

Samples of heat untreated meat products and poultry meat products (hereinafter referred to as the “HUMP”) complied with legislative requirements in all cases of monitored contaminants (chlorinated pesticides, PCB, certain additives). In the case of heat treated meat products and poultry meat products (hereinafter referred to as the “HTMP”), in two samples of smoked meat (sausage, smoked pork belly/bacon) the maximum limit for polycyclic aromatic hydrocarbons (PAH), both for the sum of four indicator polyaromatics (PAH4) and for benzo[a]pyrene as such was exceeded. The food business operator concerned was ordered either to modify the currently used smoking technology or to replace the smokehouse. One sample of the salami contained non declared food additives (sorbic acid and benzoic acid). Neither sorbic acid, nor benzoic acid were indicated in the recipe, specification or label of the salami. The presence of a food additive natamycin was detected in one sample of ripening cheese; the use of the additive was not declared in the composition of the products (four samples with non-declared use of natamycin were concerned in the year 2018). As for other analysed contaminants (chlorinated pesticides and PCB), all samples of ripening, fresh and processed cheese and drinking milk safely complied with specified limits – their concentrations were almost immeasurable. A measurable content of aflatoxin M1 was not proven in all 37 samples of drinking milk. No residues of pesticides (pyrethroids, organophosphorous compounds) and biocides, including fipronil, were detected in all samples of egg products. The content of polycyclic aromatic hydrocarbons (PAH) did not exceed established the ML in smoked fish products. In the case of marine fish products, the presence of unauthorised food additives was not detected. The content of toxic chemical elements safely complied with the maximum limits.

Because of a relatively low percentage 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 continually favourable and with a significantly lower number of detected non-compliant results, as compared with the year 2018. However, the detection of the residues of veterinary drugs – antimicrobials in individually treated farm animals – must be still regarded as important, as well as the evidence of the use of prohibited dyes (malachite green) used for the treatment or prevention in farmed fish, in particular trouts. Whereas four times stricter limit will apply from 28 November 2022, it is necessary to pay an increased attention to this issue. The fact that no new cases of contamination of bovine and porcine holdings with polychlorinated biphenyls (PCB) were recorded in the year 2019 (as in the years 2017 and 2018) could be assessed as positive. With respect to 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 2018

Commodity		Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish		**5 040**	**608**	**12,06**	**34**	**0,67**
	Monitoring	4 399	541	12,30	19	0,43
	Indicated sampling	406	58	14,29	15	3,69
	Intracommunitary EU trade	235	9	3,83	0	0,00
	Import in EU	0	0	0,00	0	0,00
Farm animals		**63 397**	**1 275**	**2,01**	**85**	**0,13**
	Monitoring	62 388	1 103	1,77	49	0,08
	Indicated sampling	343	170	49,56	36	10,50
	Intracommunitary EU trade	623	2	0,32	0	0,00
	Import in EU	43	0	0,00	0	0,00
Foodstuffs of animal origin		**16 215**	**659**	**4,06**	**18**	**0,11**
	Monitoring	15 646	581	3,71	18	0,12
	Indicated sampling	3	0	0,00	0	0,00
	Intracommunitary EU trade	315	58	18,41	0	0,00
	Import in EU	251	20	7,97	0	0,00
Animal feed		**5 624**	**716**	**12,73**	**11**	**0,20**
	Monitoring	5 220	601	11,51	8	0,15
	Indicated sampling	12	5	41,67	3	25,00
	Intracommunitary EU trade	380	110	28,95	0	0,00
	Import in EU	12	0	0,00	0	0,00
Waters		**65**	**0**	**0,00**	**0**	**0,00**
	Monitoring	65	0	0,00	0	0,00
	Indicated sampling	0	0	0,00	0	0,00

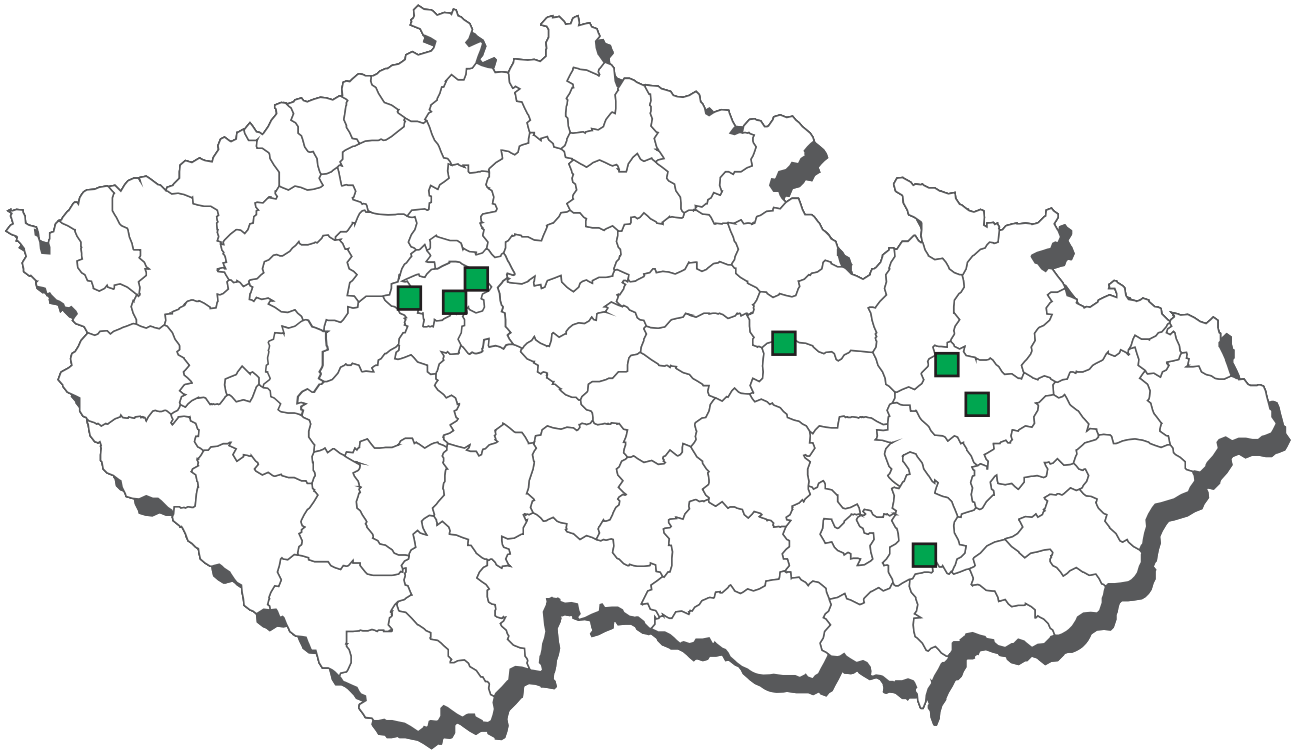
Total all samples		**90 341**	**3 258**	**3,61**	**148**	**0,16**
	Monitoring	**87 718**	**2 826**	**3,22**	**94**	**0,11**
	Indicated sampling	**764**	**233**	**30,50**	**54**	**7,07**
	Intracommunitary EU trade	**1 553**	**179**	**11,53**	**0**	**0,00**
	Import in EU	**306**	**20**	**6,54**	**0**	**0,00**

General overview of the examination for residues according to commodities and sampling reasons in the year 2019

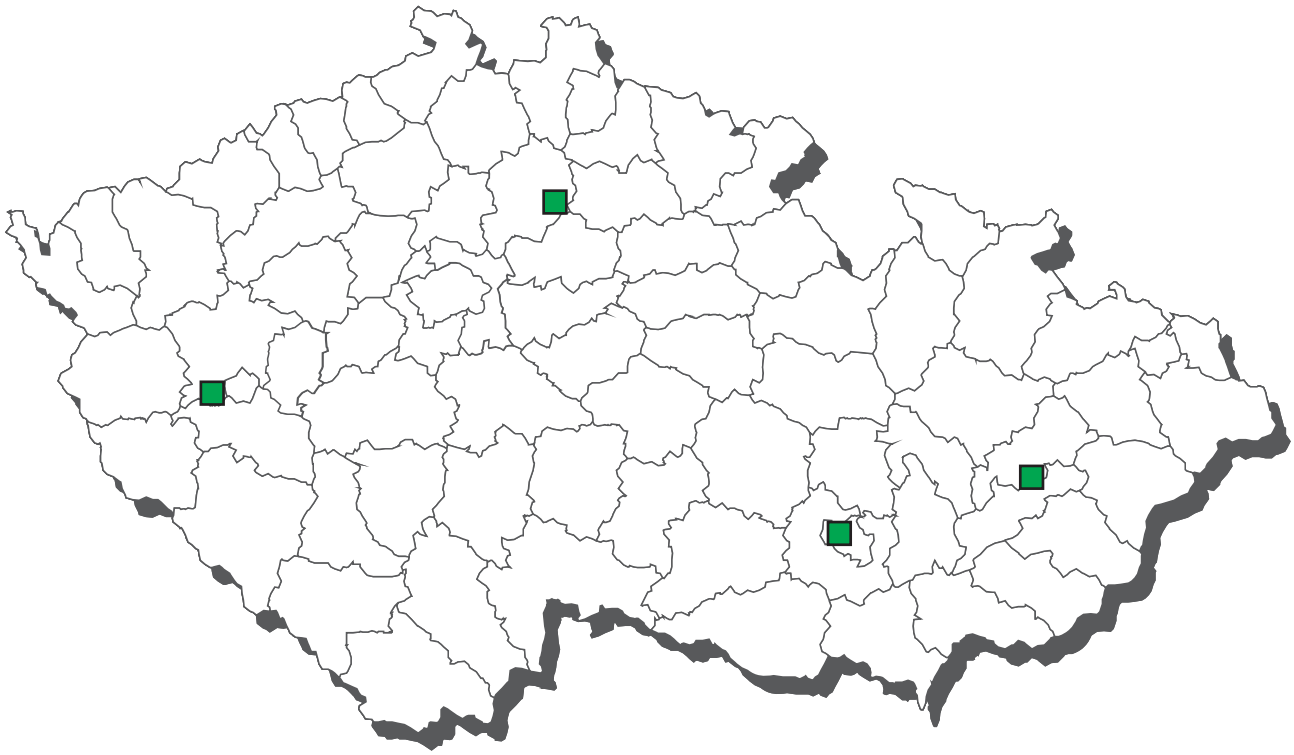
Commodity		Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish		**4 542**	**532**	**11,71**	**22**	**0,48**
	Monitoring	4 203	515	12,25	13	0,31
	Indicated sampling	112	10	8,93	8	7,14
	Intracommunitary EU trade	227	7	3,08	1	0,44
	Import in EU		0	0,00	0	0,00
Farm animals		**65 546**	**1 566**	**2,39**	**19**	**0,03**
	Monitoring	64 742	1 486	2,30	10	0,02
	Indicated sampling	43	24	55,81	9	20,93
	Intracommunitary EU trade	761	56	7,36	0	0,00
	Import in EU	0	0	0,00	0	0,00
Foodstuffs of animal origin		**16 701**	**935**	**5,60**	**11**	**0,07**
	Monitoring	15 917	862	5,42	11	0,07
	Indicated sampling	1		0,00	0	0,00
	Intracommunitary EU trade	715	48	6,71	0	0,00
	Import in EU	68	25	36,76	0	0,00
Animal feed		**5 516**	**1 006**	**18,24**	**0**	**0,00**
	Monitoring	5 009	879	17,55	0	0,00
	Indicated sampling	21	16	76,19	0	0,00
	Intracommunitary EU trade	485	111	22,89	0	0,00
	Import in EU	1		0,00	0	0,00
Waters		**72**	**0**	**0,00**	**0**	**0,00**
	Monitoring	65	0	0,00	0	0,00
	Indicated sampling	7	0	0,00	0	0,00

Total all samples		**92 377**	**4 039**	**4,37**	**52**	**0,06**
	Monitoring	**89 936**	**3 742**	**4,16**	**34**	**0,04**
	Indicated sampling	**184**	**50**	**27,17**	**17**	**9,24**
	Intracommunitary EU trade	**2 188**	**222**	**10,15**	**1**	**0,05**
	Import in EU	**69**	**25**	**36,23**	**0**	**0,00**

CL 2019 - sampling of fish meals



CL 2019 - sampling of feed materials of animal origin (rendered fats)



fish meals - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	11	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a alfa-HCH	11	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a beta-HCH	11	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a DDT (sum)	11	4	36,4	0	0,0	0,00355	n.d.	0,00900	0,01560	mg/kg 12% moisture
B3a endosulfan (sum)	11	0	0,0	0	0,0	0,00055	n.d.	n.d.	0,00070	mg/kg 12% moisture
B3a endrin	11	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00015	mg/kg 12% moisture
B3a gama-HCH (lindan)	11	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a heptachlor	11	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a hexachlorbenzen	11	1	9,1	0	0,0	0,00046	n.d.	n.d.	0,00310	mg/kg 12% moisture
B3a chlordan	11	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a sum PCB	11	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g 12% moisture
B3a toxaphene (sum)	11	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3c arsenic	23	23	100,0	0	0,0	5,57565	5,55000	8,46000	10,20000	mg/kg 12% moisture
B3c arsenic inorganic	14	1	7,1	0	0,0	0,03893	n.d.	n.d.	0,09000	mg/kg 12% moisture
B3c tin	14	13	92,9	0	0,0	0,09775	0,04950	0,28810	0,34400	mg/kg 12% moisture
B3c cadmium	9	8	88,9	0	0,0	0,27206	0,15900	0,67360	1,18000	mg/kg 12% moisture
B3c methylmercury	14	11	78,6	0	0,0	0,07786	0,08200	0,12580	0,12800	mg/kg 12% moisture
B3c lead	9	7	77,8	0	0,0	0,08744	0,05000	0,22260	0,23300	mg/kg 12% moisture
B3c mercury	23	23	100,0	0	0,0	0,11238	0,11900	0,16840	0,17500	mg/kg 12% moisture
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 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	3	100,0	0	0,0	0,02270	0,02170	0,02906	0,03090	ng/g
B3f 2,2',4,4',5-PentaBDE	3	3	100,0	0	0,0	0,01277	0,01470	0,01558	0,01580	ng/g
B3f 2,2',4,4',6-PentaBDE	3	3	100,0	0	0,0	0,02673	0,02770	0,03186	0,03290	ng/g
B3f 2,2',4,4'-TetraBDE	3	3	100,0	0	0,0	0,08573	0,09360	0,09840	0,09960	ng/g
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	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
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,51233	0,51600	0,59040	0,60900	ng/kg 12% moisture
B3f WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,22033	0,20300	0,24860	0,26000	ng/kg 12% moisture

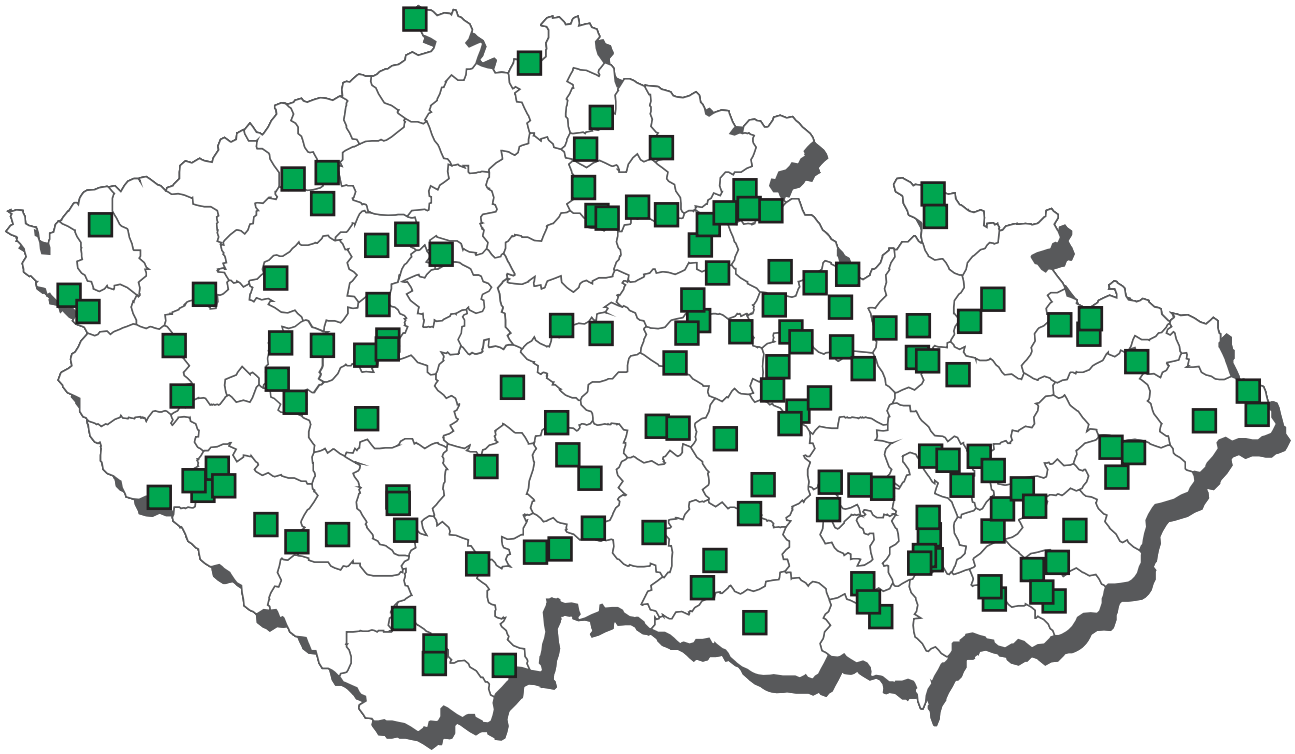
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (sum)	MRL - 0,01 mg/kg 12% moisture	11	0	0	0	0	0
B3a alfa-HCH	MRL - 0,02 mg/kg 12% moisture	11	0	0	0	0	0
B3a beta-HCH	MRL - 0,01 mg/kg 12% moisture	11	0	0	0	0	0
B3a DDT (sum)	MRL - 0,05 mg/kg 12% moisture	11	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,1 mg/kg 12% moisture	11	0	0	0	0	0
B3a endrin	MRL - 0,01 mg/kg 12% moisture	11	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,2 mg/kg 12% moisture	11	0	0	0	0	0
B3a heptachlor	MRL - 0,01 mg/kg 12% moisture	11	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,01 mg/kg 12% moisture	11	0	0	0	0	0
B3a chlordan	MRL - 0,02 mg/kg 12% moisture	11	0	0	0	0	0
B3a sum PCB	ML - 30 µg/kg 12% moisture	11	0	0	0	0	0
B3a toxaphene (sum)	MRL - 0,05 mg/kg 12% moisture	11	0	0	0	0	0
B3c arsenic	ML - 25 mg/kg 12% moisture	23	0	0	0	0	0
B3c arsenic inorganic	ML - 2 mg/kg 12% moisture	14	0	0	0	0	0
B3c tin	AL - 10 mg/kg 12% moisture	14	0	0	0	0	0
B3c cadmium	ML - 2 mg/kg 12% moisture	8	1	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 mercury	ML - 0,5 mg/kg 12% moisture	23	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 4 ng/kg 12% moisture	3	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 1,25 ng /kg 12% moisture	3	0	0	0	0	0

feed materials of animal origin - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3f 2,2',3,4,4',5',6-HeptaBDE	4	1	25,0	0	0,0	0,00968	n.d.	0,01809	0,02370	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	4	1	25,0	0	0,0	0,00701	n.d.	0,01127	0,01410	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5-PentaBDE	4	3	75,0	0	0,0	0,02700	0,01765	0,05498	0,06890	ng/g
B3f 2,2',4,4',6-PentaBDE	4	1	25,0	0	0,0	0,00713	n.d.	0,01095	0,01350	ng/g
B3f 2,2',4,4'-TetraBDE	4	4	100,0	0	0,0	0,02078	0,01635	0,03731	0,04460	ng/g
B3f 2,4,4'-TriBDE	4	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	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
B3f WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	0,36900	0,35250	0,50590	0,52900	ng/kg 12% moisture
B3f WHO-PCDD/F-TEQ	4	3	75,0	0	0,0	0,16900	0,19150	0,19850	0,20000	ng/kg 12% moisture

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

CL 2019 - 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	0,00041	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 DDT (sum)	52	0	0,0	0	0,0	0,00051	n.d.	n.d.	0,00060	mg/kg 12% moisture
B3a endosulfan (sum)	52	0	0,0	0	0,0	0,00054	n.d.	n.d.	0,00070	mg/kg 12% moisture
B3a endrin	52	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00015	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 heptachlor	52	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a hexachlorbenzen	52	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a chlordan	52	0	0,0	0	0,0	0,00048	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	0,00084	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3b diazinone	72	0	0,0	0	0,0	0,00134	n.d.	n.d.	0,00150	mg/kg 12% moisture
B3b chlorpyrifos	72	1	1,4	0	0,0	0,00104	n.d.	n.d.	0,00400	mg/kg 12% moisture
B3b chlorpyrifos-methyl	72	9	12,5	0	0,0	0,00338	n.d.	0,00400	0,04000	mg/kg 12% moisture
B3b malathion	72	0	0,0	0	0,0	0,00234	n.d.	n.d.	0,00250	mg/kg 12% moisture
B3b phorate	72	0	0,0	0	0,0	0,00248	n.d.	n.d.	0,00350	mg/kg 12% moisture
B3b pyrimiphosmethyl	72	16	22,2	0	0,0	0,00448	n.d.	0,01380	0,04600	mg/kg 12% moisture
B3c arsenic	64	62	96,9	0	0,0	0,13057	0,07400	0,25340	1,04000	mg/kg 12% moisture
B3c cadmium	64	63	98,4	0	0,0	0,05659	0,04800	0,08750	0,26300	mg/kg 12% moisture
B3c nikl	64	63	98,4	0	0,0	1,95959	1,72500	3,43660	6,65000	mg/kg 12% moisture
B3c lead	64	59	92,2	0	0,0	0,12420	0,09850	0,26850	0,43300	mg/kg 12% moisture
B3c mercury	64	52	81,3	0	0,0	0,00164	0,00100	0,00300	0,00900	mg/kg 12% moisture
B3d aflatoxin B2	52	3	5,8	0	0,0	0,11419	n.d.	n.d.	0,60500	µg/kg 88% dry matter
B3d deoxinivalenol	52	9	17,3	0	0,0	76,40962	n.d.	181,69000	432,20000	µg/kg 88% dry matter
B3d ochratoxin A	52	17	32,7	0	0,0	0,69231	n.d.	0,81300	23,61000	µg/kg 88% dry matter
B3d zearalenone	52	2	3,8	0	0,0	11,09269	n.d.	n.d.	25,00000	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
B3a alfa-HCH	MRL - 0,02 mg/kg 12% moisture	52	0	0	0	0	0
B3a beta-HCH	MRL - 0,01 mg/kg 12% moisture	52	0	0	0	0	0
B3a DDT (sum)	MRL - 0,05 mg/kg 12% moisture	52	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,1 mg/kg 12% moisture	52	0	0	0	0	0
B3a endrin	MRL - 0,01 mg/kg 12% moisture	52	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,2 mg/kg 12% moisture	52	0	0	0	0	0
B3a heptachlor	MRL - 0,01 mg/kg 12% moisture	52	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,01 mg/kg 12% moisture	52	0	0	0	0	0
B3a chlordan	MRL - 0,02 mg/kg 12% moisture	52	0	0	0	0	0
B3a sum PCB	ML - 10 µg/kg 12% moisture	52	0	0	0	0	0
B3a toxaphene (sum)	AL - 0,05 mg/kg 12% moisture	52	0	0	0	0	0
B3b diazinone	AL - 0,02 mg/kg 12% moisture	72	0	0	0	0	0
B3b chlorpyrifos	AL - 0,05 mg/kg 12% moisture	72	0	0	0	0	0
B3b chlorpyrifos-methyl	AL - 3 mg/kg 12% moisture	72	0	0	0	0	0
B3b malathion	AL - 8 mg/kg 12% moisture	72	0	0	0	0	0
B3b phorate	AL - 0,05 mg/kg 12% moisture	72	0	0	0	0	0
B3c arsenic	ML - 2 mg/kg 12% moisture	63	1	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg 12% moisture	63	1	0	0	0	0
B3c nikl	AL - 4 mg/kg 12% moisture	39	14	7	3*	1*	0
B3c lead	ML - 5 mg/kg 12% moisture	64	0	0	0	0	0
B3c mercury	ML - 0,1 mg/kg 12% moisture	64	0	0	0	0	0
B3d aflatoxin B2	MRL - 10 µg/kg 12% moisture	52	0	0	0	0	0
B3d deoxinivalenol	AL - 5000 µg/kg 12% moisture	52	0	0	0	0	0

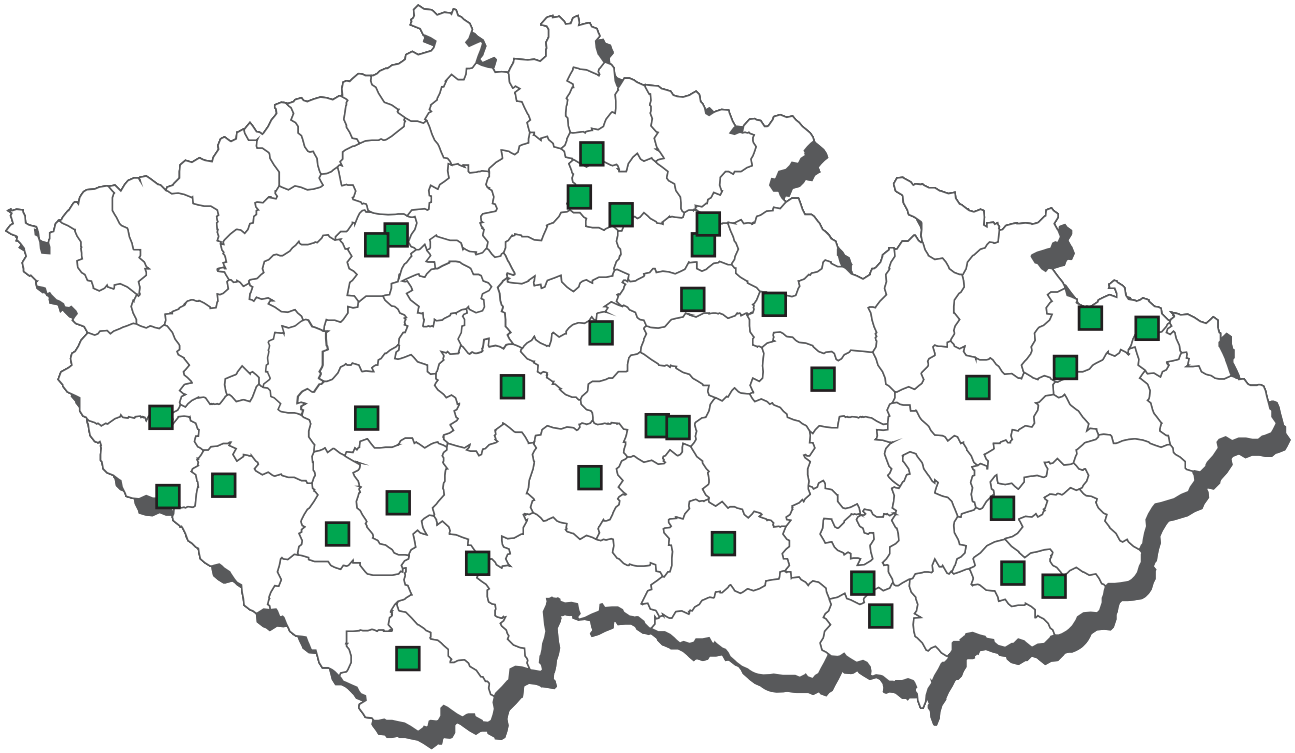
* action limit exceeded

complete and supplementary feedingstuffs - suspect samples

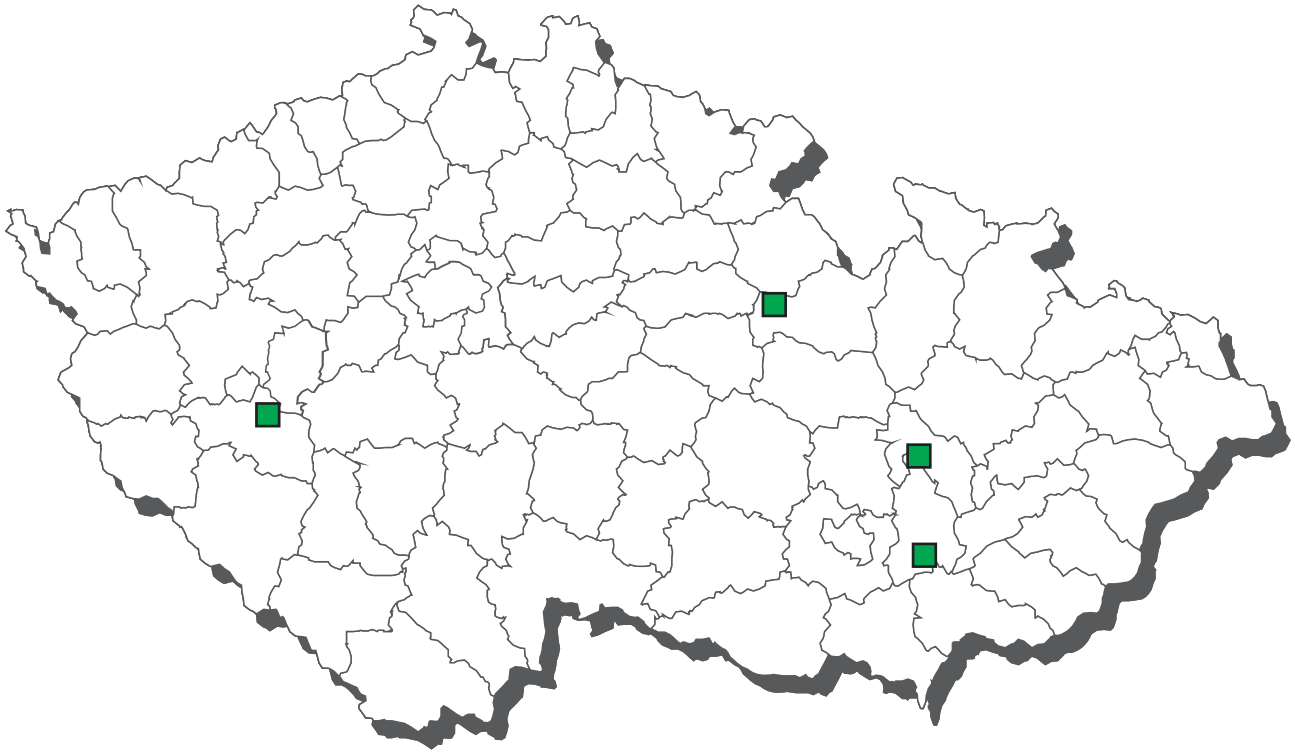
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b chlorpyrifos	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3c cadmium	3	3	100,0	0	0,0	0,10167	0,05800	0,17000	0,19800	mg/kg 12% moisture
B3d zearalenone	6	4	66,7	0	0,0	315,00000	127,50000	792,50000	1093,00000	µg/kg 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	3	0	0	0	0	0
B3d zearalenone	AL - 2000 µg/kg 88% dry matter	5	1	0	0	0	0

CL 2019 - sampling of compound feedingstuffs for poultry



CL 2019 - sampling of compound feedingstuffs for rabbits



compound feedingstuffs for poultry - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ornidazole	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ronidazole	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	secnidazole	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ternidazole	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	tinidazole	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	sulfadiazine	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadimethoxine	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadimidine	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadoxine	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfachlorpyridazine	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfamerazine	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfamethoxazole	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfamethoxydiazine	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfaquinoxaline	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfathiazole	15	0	0,0	0	0,0	183,33333	n.d.	n.d.	250,00000	µg/kg 12% moisture
B2b	decoquinat	26	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	diclazuril	26	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg 12% moisture
B2b	halofuginone	26	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	lasalocid	26	1	3,8	0	0,0	0,05581	n.d.	n.d.	0,20100	mg/kg 12% moisture
B2b	maduramicin	26	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	monensin	26	8	30,8	0	0,0	0,12785	n.d.	0,35000	0,60000	mg/kg 12% moisture
B2b	narasin	26	4	15,4	0	0,0	0,26492	n.d.	0,18750	5,00000	mg/kg 12% moisture
B2b	nicarbazin	26	2	7,7	0	0,0	0,05596	n.d.	n.d.	0,15500	mg/kg 12% moisture
B2b	robenidin	26	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	salinomycin	26	2	7,7	0	0,0	0,06154	n.d.	n.d.	0,25300	mg/kg 12% moisture
B2b	semduramicin	26	0	0,0	0	0,0	0,03077	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	decoquinat	ML - 0,4 mg/kg 12% moisture	26	0	0	0	0	0
B2b	diclazuril	ML - 0,01 mg/kg 12% moisture	26	0	0	0	0	0
B2b	maduramicin	ML - 0,05 mg/kg 12% moisture	26	0	0	0	0	0
B2b	narasin	ML - 0,7 mg/kg 12% moisture	24	1	0	0	0	1*
B2b	nicarbazin	ML - 1,25 mg/kg 12% moisture	26	0	0	0	0	0

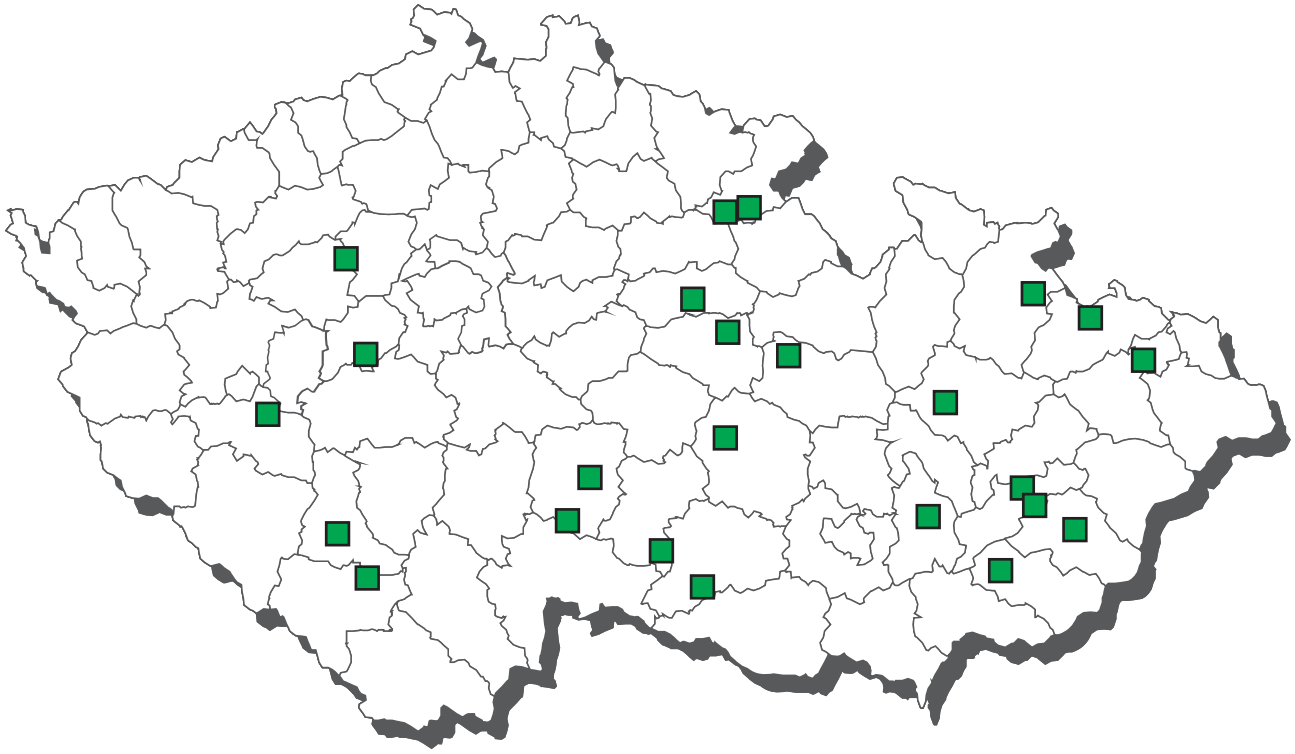
* compliant - declared narasin content (>5mg/kg 12% moisture)

compound feedingstuffs for rabbits - monitoring

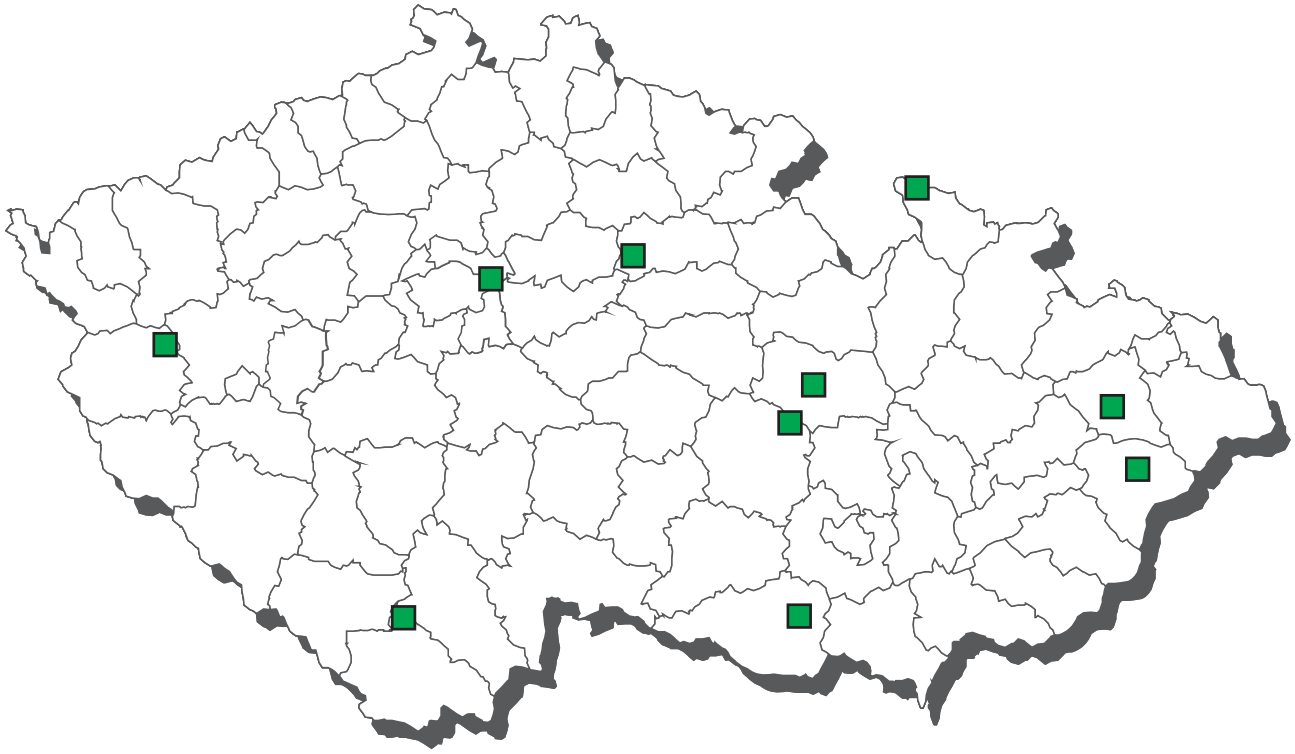
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	residues of inhibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfadiazine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadimethoxine	3	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg 12% moisture
B1	sulfadimidine	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	sulfachlorpyridazine	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	sulfamethoxazole	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
B2b	decoquinat	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	diclazuril	4	1	25,0	0	0,0	0,00425	n.d.	0,00650	0,00800	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	2	50,0	0	0,0	1,39450	0,26400	3,64340	5,00000	mg/kg 12% moisture
B2b	salinomycin	4	1	25,0	0	0,0	0,06675	n.d.	0,09690	0,11700	mg/kg 12% moisture
B2b	semduramicin	4	0	0,0	0	0,0	0,04375	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	decoquinat	ML - 1,2 mg/kg 12% moisture	4	0	0	0	0	0
B2b	diclazuril	ML - 0,01 mg/kg 12% moisture	3	0	1	0	0	0
B2b	maduramicin	ML - 0,05 mg/kg 12% moisture	4	0	0	0	0	0
B2b	narasin	ML - 0,7 mg/kg 12% moisture	4	0	0	0	0	0
B2b	nicarbazin	ML - 3,75 mg/kg 12% moisture	4	0	0	0	0	0

CL 2019 - sampling of compound feedingstuffs for swine animals



CL 2019 - sampling of compound feedingstuffs for bovine animals



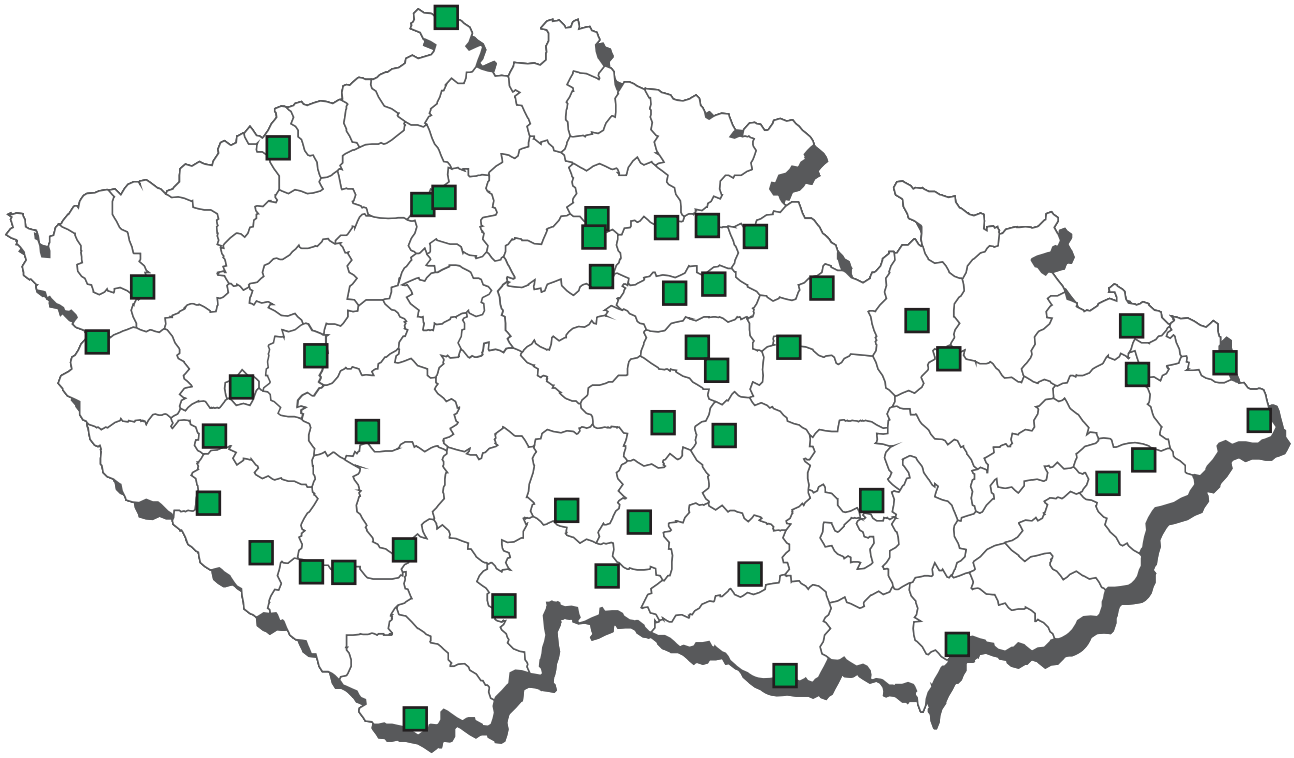
compound feedingstuffs for swine animals - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	20	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	dimetridazole	20	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ipronidazole	20	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	metronidazole	20	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ornidazole	20	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ronidazole	20	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	secnidazole	20	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ternidazole	20	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	tinidazole	20	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	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

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	1,20000	n.d.	n.d.	1,20000	µg/kg
A5	clenbuterol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	mabuterol	10	0	0,0	0	0,0	0,95000	n.d.	n.d.	0,95000	µg/kg
A5	salbutamol	10	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/kg

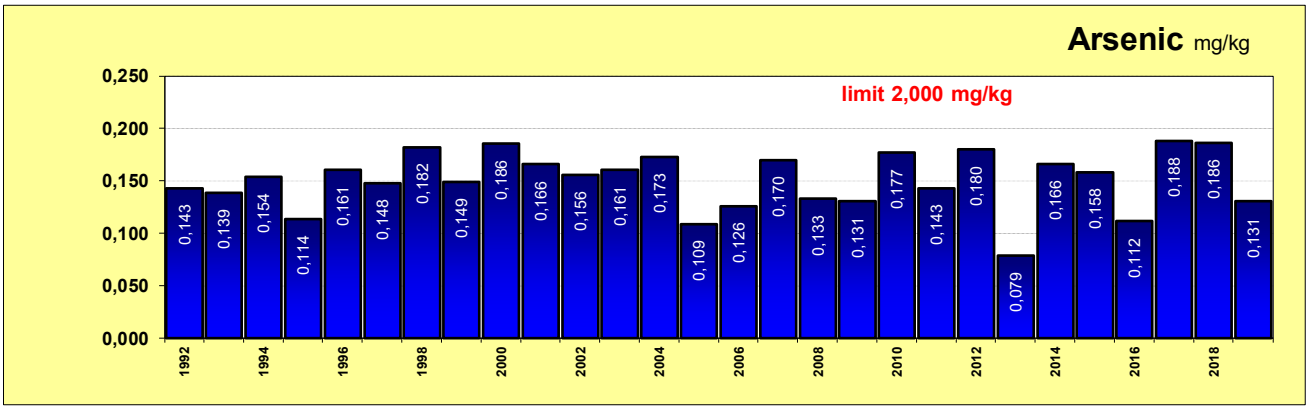
CL 2019 - sampling of compound feedingstuffs for fish

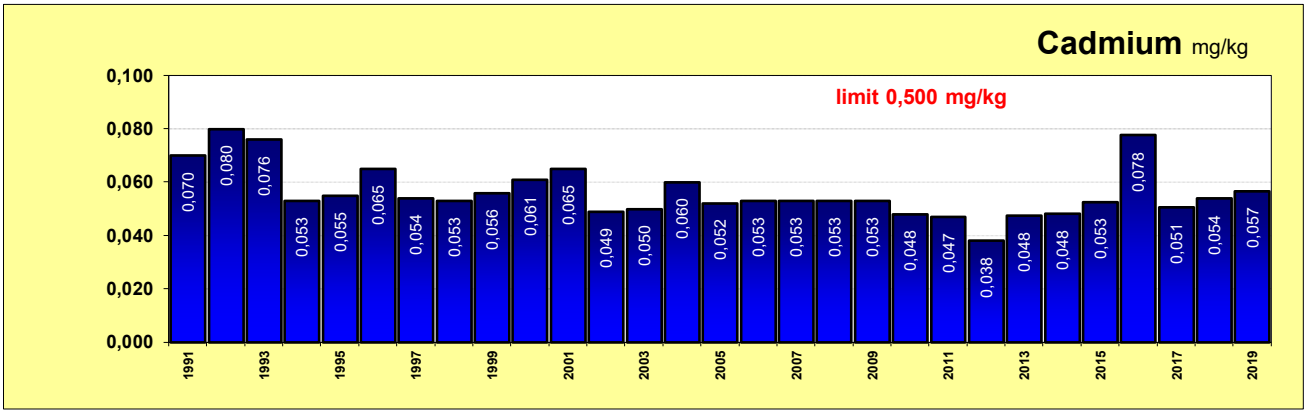


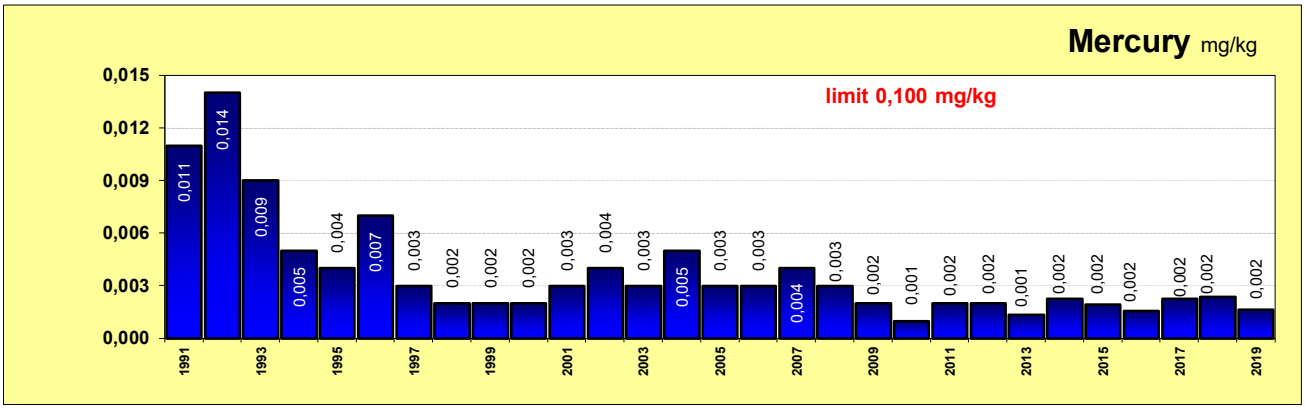
compound feedingstuffs for fish - monitoring

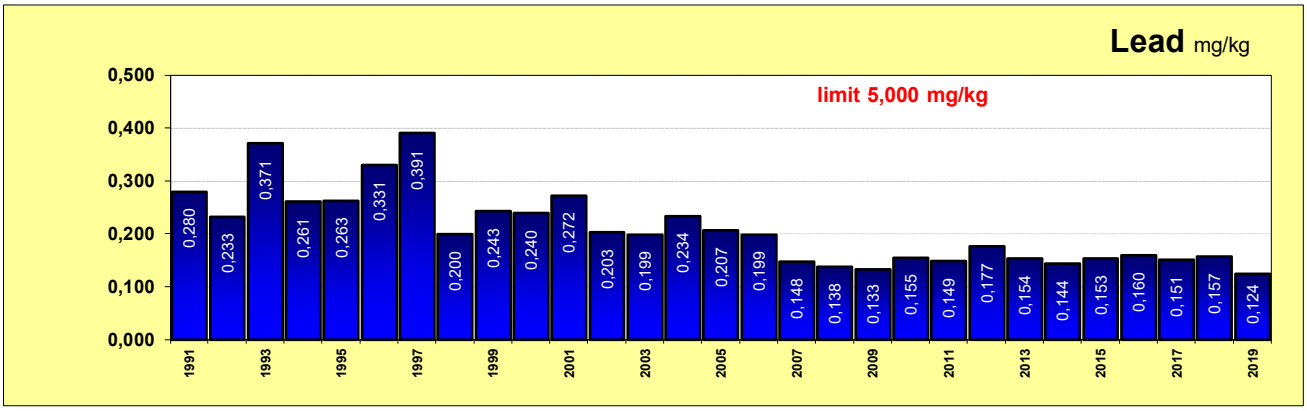
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	dimetridazole	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	chloramphenicol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	metronidazole	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ornidazole	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ronidazole	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	secnidazole	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	ternidazole	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A6	tinidazole	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	residues of inhibitory substances	34	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a	albendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	cambendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	clorsulon	6	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg/kg
B2a	closantel	6	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg/kg
B2a	fenbendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	flubendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	levamisole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	mebendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	nitroxinil	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	oxfendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	oxibendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	oxyclozanide	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	parbendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	praziquantel	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	rafoxanid	6	0	0,0	0	0,0	100,00000	n.d.	n.d.	100,00000	µg/kg
B2a	triclabendazole	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg

The average content of residues in complete and supplementary feedingstuffs

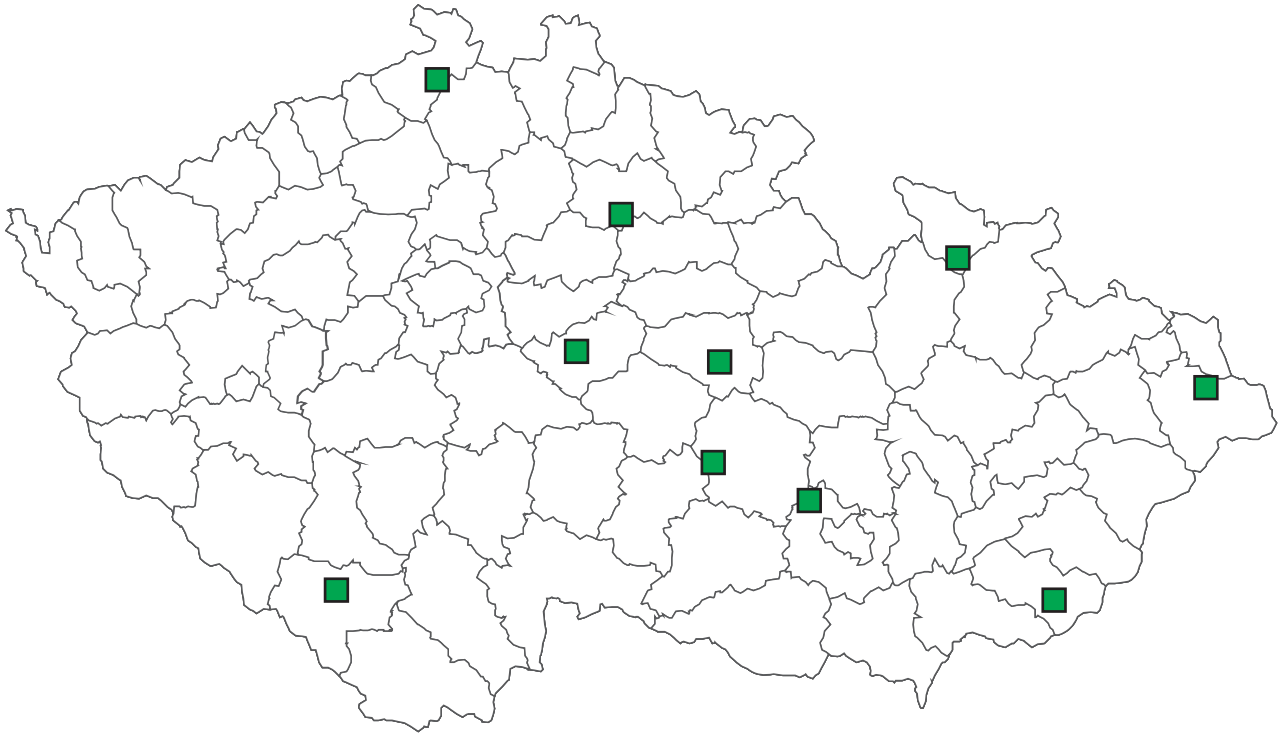








CL 2019 - sampling of water used for watering farm animals



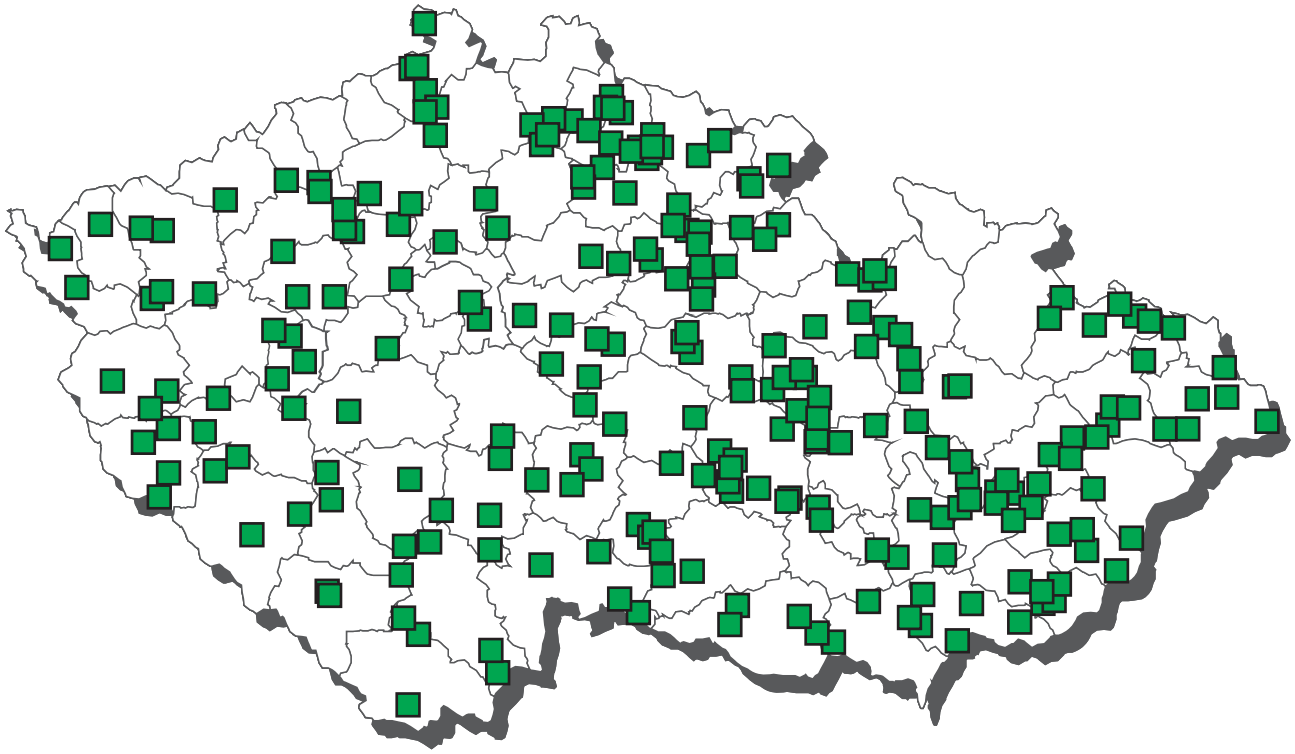
water used for watering - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	5	0	0,0	0	0,0	0,05000	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	mabuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	carnidazole	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/l
A6	dimetridazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A6	ipronidazole	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	metronidazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A6	ornidazole	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	ronidazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A6	secnidazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A6	ternidazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A6	tinidazole	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l

water used for watering farm animals - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b	chlorpyrifos	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	µg/l
B3e	leucomalachite green	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	malachite green	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

CL 2019 - sampling of raw cow's milk



raw cow's milk - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A2	methylthiouracil	15	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	propylthiouracil	15	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	tapazole	15	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	thiouracil	15	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A5	brombuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	carbuterol	10	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A5	cimaterol	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	cimbuterol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenbuterol	10	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l
A5	clencyclohexerol	10	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	clenhexerol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenisopenterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenpenterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenproperol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	fenoterol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/l
A5	formoterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	hydroxymethylclenbuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	chlorbrombuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	isoxsuprine	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	labetalol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	mabuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	mapenterol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	orciprenaline (metaprotenerol)	10	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/l
A5	pirbuterol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	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	0,10000	n.d.	n.d.	0,10000	µg/l
A5	salbutamol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/l
A5	salmeterol	10	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	sotalol	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A5	terbutalin	10	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	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	0,50000	n.d.	n.d.	0,50000	µg/l
A6	AHD	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A6	AMOZ	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	AOZ	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	carnidazole	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A6	dapsone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	dimetridazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	DNSH	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	HMMNI	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	chloramphenicol	48	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l
A6	ipronidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ipronidazole-OH	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	metronidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	MNZOH	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A6	ornidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ronidazole	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	secnidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	SEM	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A6	ternidazole	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	tinidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
B1	amoxicilin	23	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B1	ampicilin	23	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B1	benzylpenicilin	23	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B1	betalactams	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefalonium	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefazoline	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dicloxacilin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dihydrostreptomycin	23	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	erythromycin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

raw cow's milk - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	flumequine	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	23	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	50	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	23	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	50	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	neomycin (incl. framycetin)	23	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spiramycin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	23	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	50	0	0,0	0	0,0	41,50000	n.d.	n.d.	62,50000	µg/kg
B1	sulfadiazine	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	73	0	0,0	0	0,0	11,84932	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	23	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	abamectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	albendazole (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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 (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (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
B2a	levamisole	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	oxfendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/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	lambda-cyhalothrin	12	0	0,0	0	0,0	0,00091	n.d.	n.d.	0,00150	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00358	n.d.	n.d.	0,00500	mg/kg
B2e	5-hydroxyflunixin	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/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	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

raw cow's milk - monitoring - (continuation)

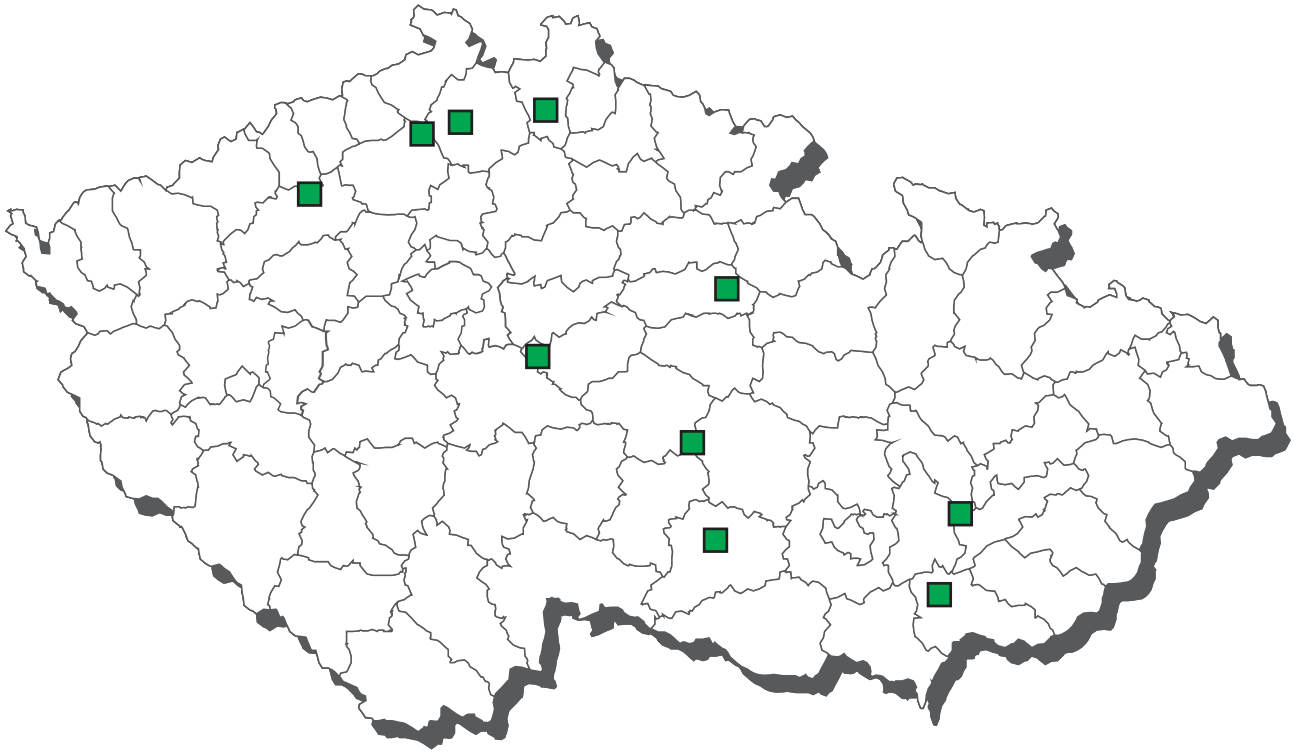
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e	phenylbutazone	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (sum)	15	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	15	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	15	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	15	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00060	mg/kg
B3a	endosulfan (sum)	15	0	0,0	0	0,0	0,00054	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	15	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	15	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	15	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	15	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	15	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	15	0	0,0	0	0,0	4,10000	n.d.	n.d.	4,50000	ng/g fat
B3b	diazinone	4	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00150	mg/kg
B3b	chlorpyrifos	4	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	4	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	4	0	0,0	0	0,0	0,00238	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	4	0	0,0	0	0,0	0,00238	n.d.	n.d.	0,00350	mg/kg
B3b	pyrimiphosmethyl	4	0	0,0	0	0,0	0,00138	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	lead	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3d	aflatoxin M2	35	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg
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	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',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'-TetraBDE	5	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,4,4'-TriBDE	5	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	sum PCB	5	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3f	WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	0,79120	0,82800	1,16320	1,29000	pg/g fat
B3f	WHO-PCDD/F-TEQ	5	1	20,0	0	0,0	0,22660	n.d.	0,31780	0,40900	pg/g fat

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 4 µg/kg	23	0	0	0	0	0
B1	ampicilin	MRL - 4 µg/kg	23	0	0	0	0	0
B1	benzylpenicilin	MRL - 4 µg/kg	23	0	0	0	0	0
B1	cefalexin	MRL - 100 µg/kg	23	0	0	0	0	0
B1	cefalonium	MRL - 20 µg/kg	23	0	0	0	0	0
B1	cefazoline	MRL - 50 µg/kg	23	0	0	0	0	0
B1	cefoperazon	MRL - 50 µg/kg	23	0	0	0	0	0
B1	cephapirin	MRL - 60 µg/kg	23	0	0	0	0	0
B1	cloxacilin	MRL - 30 µg/kg	23	0	0	0	0	0
B1	danofloxacin	MRL - 30 µg/kg	23	0	0	0	0	0
B1	dicloxacilin	MRL - 30 µg/kg	23	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 200 µg/kg	23	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	23	0	0	0	0	0
B1	erythromycin	MRL - 40 µg/kg	23	0	0	0	0	0
B1	flumequine	MRL - 50 µg/kg	23	0	0	0	0	0
B1	gentamycin	MRL - 100 µg/kg	23	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	23	0	0	0	0	0
B1	lincomycin	MRL - 150 µg/kg	23	0	0	0	0	0
B1	marbofloxacin	MRL - 75 µg/kg	23	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 1500 µg/kg	23	0	0	0	0	0
B1	oxacilin	MRL - 30 µg/kg	23	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	23	0	0	0	0	0
B1	spiramycin	MRL - 200 µg/kg	23	0	0	0	0	0
B1	streptomycin	MRL - 200 µg/kg	23	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	73	0	0	0	0	0

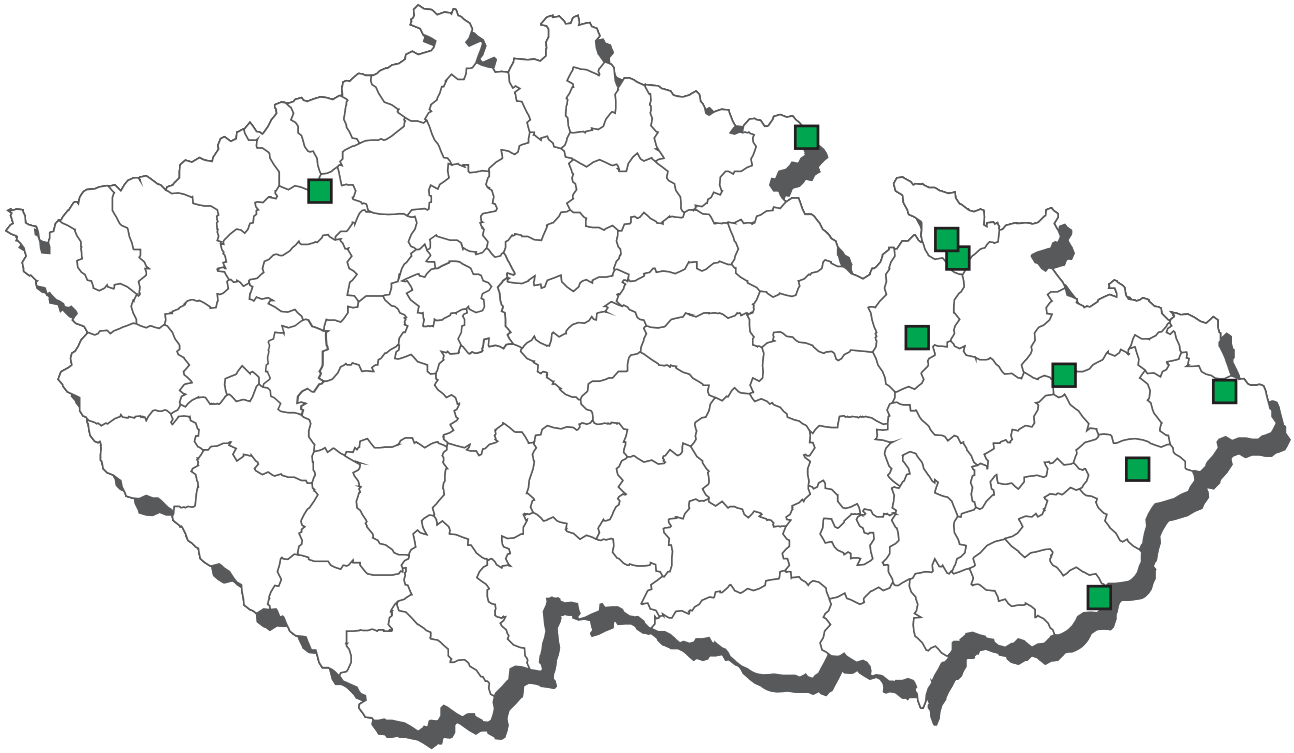
raw cow's milk - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfamerazine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	73	0	0	0	0	0
B1	tetracyklin	MRL - 100 µg/kg	23	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	23	0	0	0	0	0
B1	tylosin	MRL - 50 µg/kg	23	0	0	0	0	0
B2a	albendazole (sum)	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 (sum)	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	oxyclozanide	MRL - 10 µg/kg	15	0	0	0	0	0
B2a	rafoxanid	MRL - 10 µg/kg	15	0	0	0	0	0
B2a	triclabendazole (sum)	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	lambda-cyhalothrin	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	5-hydroxyflunixin	MRL - 40 µg/kg	8	0	0	0	0	0
B2e	diclofenac	MRL - 0,1 µg/kg	8	0	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	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	DDT (sum)	MRL - 0,04 mg/kg	15	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	15	0	0	0	0	0
B3a	endrin	MRL - 0,0008 mg/kg	15	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,001 mg/kg	8	0	0	0	0	0
B3a	heptachlor	MRL - 0,004 mg/kg	15	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	15	0	0	0	0	0
B3a	chlordan	MRL - 0,002 mg/kg	15	0	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	chlorpyrifos	MRL - 0,01 mg/kg	4	0	0	0	0	0
B3b	chlorpyrifos-methyl	MRL - 0,01 mg/kg	4	0	0	0	0	0
B3b	malathion	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3b	phorate	MRL - 0,01 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	lead	ML - 0,02 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3d	aflatoxin M2	MRL - 0,05 µg/kg	35	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 5,5 pg/g fat	5	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	5	0	0	0	0	0

CL 2019 - sampling of raw goat's milk



CL 2019 - 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	0,20000	n.d.	n.d.	0,20000	µg/l
A6	AMOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	AOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	DNSH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	chloramphenicol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l
A6	SEM	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	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	streptomycines	3	0	0,0	0	0,0	29,16667	n.d.	n.d.	62,50000	µg/kg
B1	sulfadiazine	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	sulfadimidine	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	sulfachlorpyridazine	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	sulfamethoxazole	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	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 (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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 (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (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	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	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	oxfendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/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	lambda-cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	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	0,00030	n.d.	n.d.	0,00030	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	DDT (sum)	1	0	0,0	0	0,0	0,00060	n.d.	n.d.	0,00060	mg/kg
B3a	endosulfan (sum)	1	0	0,0	0	0,0	0,00070	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	gama-HCH (lindan)	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	hexachlorbenzen	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	sum PCB	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	ng/g fat
B3b	diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/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	malathion	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

raw sheep milk - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	1	100,0	0	0,0	0,00400	0,00400	0,00400	0,00400	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3c	mercury	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3d	aflatoxin M2	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg
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	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',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'-TetraBDE	1	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,4,4'-TriBDE	1	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	sum PCB	1	1	100,0	0	0,0	9,99600	9,99600	9,99600	9,99600	ng/g fat
B3f	WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,69400	0,69400	0,69400	0,69400	pg/g fat
B3f	WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,37200	0,37200	0,37200	0,37200	pg/g fat

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfadiazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamethoxazole	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
B2a	albendazole (sum)	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	closantel	MRL - 45 µg/kg	2	0	0	0	0	0
B2a	eprinomectin	MRL - 20 µg/kg	2	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 10 µg/kg	2	0	0	0	0	0
B2a	moxidectin	MRL - 40 µg/kg	2	0	0	0	0	0
B2a	nitroxinil	MRL - 20 µg/kg	2	0	0	0	0	0
B2a	oxfendazole	MRL - 10 µg/kg	2	0	0	0	0	0
B2a	oxyclozanide	MRL - 10 µg/kg	2	0	0	0	0	0
B2a	rafoxanid	MRL - 10 µg/kg	2	0	0	0	0	0
B2a	triclabendazole (sum)	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	lambda-cyhalothrin	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	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	DDT (sum)	MRL - 0,04 mg/kg	1	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	endrin	MRL - 0,0008 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,001 mg/kg	1	0	0	0	0	0
B3a	heptachlor	MRL - 0,004 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,002 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	chlorpyrifos	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3b	chlorpyrifos-methyl	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3b	malathion	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b	phorate	MRL - 0,01 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	lead	ML - 0,02 mg/kg	1	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3d	aflatoxin M2	MRL - 0,05 µg/kg	2	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 5,5 pg/g fat	1	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	1	0	0	0	0	0

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	0,20000	n.d.	n.d.	0,20000	µg/l
A6	AMOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	AOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	DNSH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	chloramphenicol	2	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l
A6	SEM	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
B1	amoxicilin	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B1	ampicilin	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B1	benzylpenicilin	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefazoline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	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	danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dicloxacilin	1	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	doxycycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	3	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	chlortetracycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
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	oxytetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	3	0	0,0	0	0,0	45,83333	n.d.	n.d.	62,50000	µg/kg
B1	sulfadiazine	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	sulfadimidine	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	sulfachlorpyridazine	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	sulfamethoxazole	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	tetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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	albendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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	1	33,3	**1**	**33,3**	125,33333	n.d.	299,40000	374,00000	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 (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (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	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	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	oxfendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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

raw goat's milk - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a	rafoxanid	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	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	cypermethrin	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00040	mg/kg
B2c	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00075	n.d.	n.d.	0,00075	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	0,00047	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	DDT (sum)	3	0	0,0	0	0,0	0,00052	n.d.	n.d.	0,00055	mg/kg
B3a	endosulfan (sum)	3	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00012	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	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	chlordan	3	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	1	33,3	0	0,0	7,86833	n.d.	12,58400	14,60500	ng/g fat
B3b	diazinone	2	0	0,0	0	0,0	0,00125	n.d.	n.d.	0,00150	mg/kg
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	0,00175	n.d.	n.d.	0,00200	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	0,00275	n.d.	n.d.	0,00350	mg/kg
B3b	pyrimiphosmethyl	2	0	0,0	0	0,0	0,00125	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	lead	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3c	mercury	2	1	50,0	0	0,0	0,00045	0,00045	0,00049	0,00050	mg/kg
B3d	aflatoxin M2	3	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg

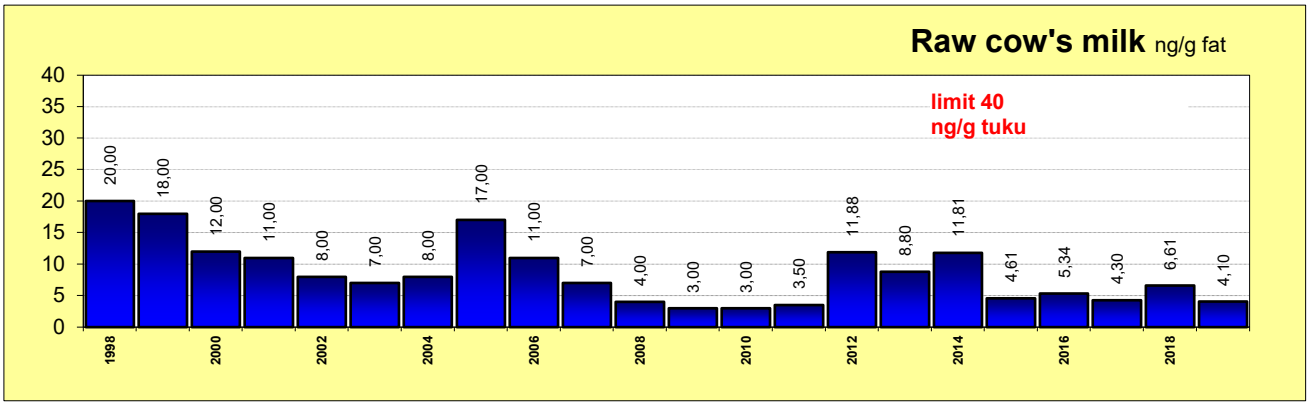
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 4 µg/kg	1	0	0	0	0	0
B1	ampicilin	MRL - 4 µg/kg	1	0	0	0	0	0
B1	benzylpenicilin	MRL - 4 µg/kg	1	0	0	0	0	0
B1	cefazoline	MRL - 50 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 30 µg/kg	1	0	0	0	0	0
B1	danofloxacin	MRL - 30 µg/kg	1	0	0	0	0	0
B1	dicloxacilin	MRL - 30 µg/kg	1	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 200 µg/kg	1	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	erythromycin	MRL - 40 µg/kg	1	0	0	0	0	0
B1	flumequine	MRL - 50 µg/kg	1	0	0	0	0	0
B1	gentamycin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 150 µg/kg	1	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 1500 µg/kg	1	0	0	0	0	0
B1	oxacilin	MRL - 30 µg/kg	1	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 200 µg/kg	1	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	tylosin	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	albendazole (sum)	MRL - 100 µg/kg	3	0	0	0	0	0
B2a	eprinomectin	MRL - 20 µg/kg	3	0	0	0	0	0

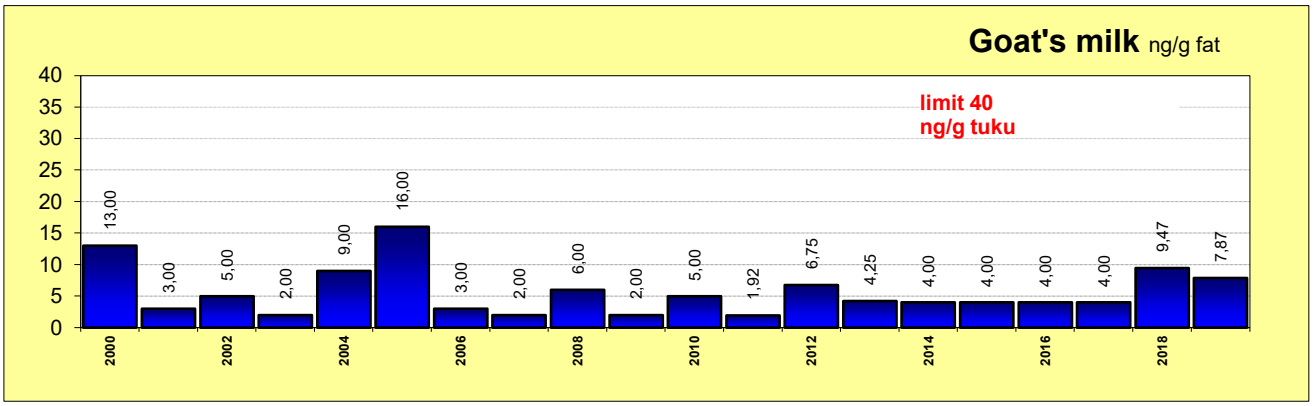
raw goat's milk - monitoring - (continuation)

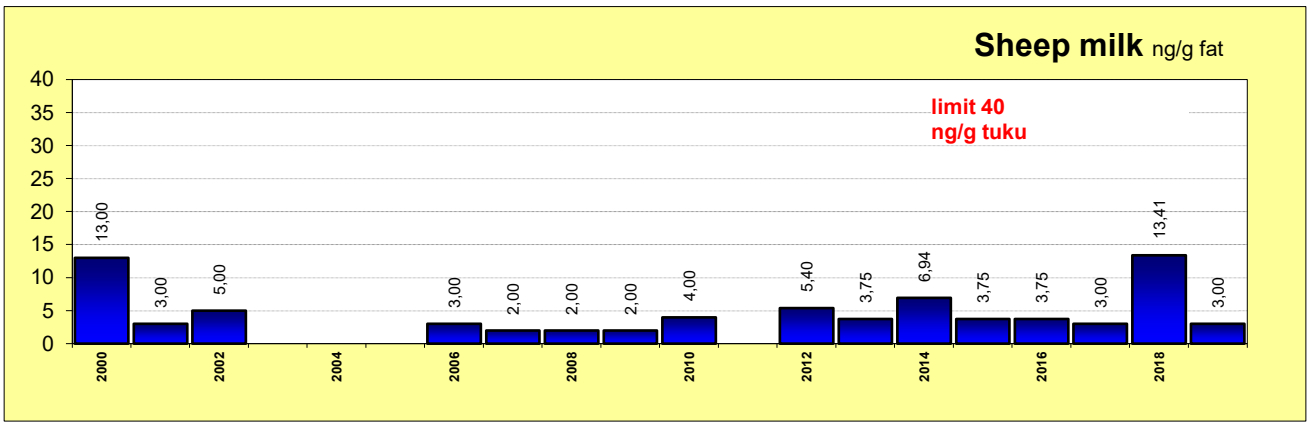
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	oxfendazole	MRL - 10 µg/kg	3	0	0	0	0	0
B2a	oxyclozanide	MRL - 10 µg/kg	3	0	0	0	0	0
B2a	triclabendazole (sum)	MRL - 10 µg/kg	3	0	0	0	0	0
B2c	cypermethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	lambda-cyhalothrin	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	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	DDT (sum)	MRL - 0,04 mg/kg	3	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	endrin	MRL - 0,0008 mg/kg	3	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,001 mg/kg	1	2	0	0	0	0
B3a	heptachlor	MRL - 0,004 mg/kg	3	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	chlordan	MRL - 0,002 mg/kg	3	0	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	chlorpyrifos	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3b	chlorpyrifos-methyl	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3b	malathion	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3b	phorate	MRL - 0,01 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	lead	ML - 0,02 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3d	aflatoxin M2	MRL - 0,05 µg/kg	3	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
closantel			
06.09.2019	Česká Lípa	Sosnová u České Lípy	374 µg/kg

The average PCB sum content in foodstuffs and raw materials







hen eggs - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AOZ	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	carnidazole	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	DNSH	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	45	0	0,0	0	0,0	0,04000	n.d.	n.d.	0,04000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefalonium	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefazoline	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	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	cloxacilin	8	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	dicloxacilin	8	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	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	doxycycline	8	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	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	erythromycin	8	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	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	chlortetracycline	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	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	29	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	oxacilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	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	37	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	streptomycin	10	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	sulfadiazine	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	37	1	2,7	1	2,7	11,45946	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	37	0	0,0	0	0,0	11,28378	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#

hen eggs - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	tiamulin	10	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tylosin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	abamectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	albendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	coumaphos	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2a	doramectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	fenbendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (sum)	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ivermectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	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	moxidectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	nitroxinil	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxfendazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	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	2	7,7	0	0,0	1,63346	n.d.	n.d.	9,50000	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
B2b	semduramicin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c	bifenthrin	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	carbaryl	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	carbofuran	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	cyfluthrin	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	cypermethrin	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	fenpropathrin	18	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,00400	mg/kg
B2c	fenvalerát	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	permethrin	18	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	pyridaben	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	lambda-cyhalothrin	18	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2f	amitraz	18	0	0,0	0	0,0	4,77500	n.d.	n.d.	4,77500	µg/kg
B3a	aldrin, dieldrin (sum)	51	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	51	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	51	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	51	0	0,0	0	0,0	0,00052	n.d.	n.d.	0,00060	mg/kg
B3a	endosulfan (sum)	51	0	0,0	0	0,0	0,00055	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	51	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	51	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	51	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	51	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	51	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	51	0	0,0	0	0,0	4,05882	n.d.	n.d.	4,50000	ng/g fat
B3b	azinphos-ethyl	18	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	azinphos-methyl	18	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	diazinone	18	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	dichlorvos	18	0	0,0	0	0,0	0,00350	n.d.	n.d.	0,00350	mg/kg
B3b	dimethoate	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b	ethion	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg

hen eggs - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b etrimfos	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b fenitrothion	18	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3b fenthion	18	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b formothion	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos-methyl	18	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b malathion	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b methamidophos	18	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b omethoate	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b parathion	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b parathion-methyl	18	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b phosphamidon	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b sulfotep	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b triazophos	18	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b trichlorfon	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c cadmium	8	0	0,0	0	0,0	0,00156	n.d.	n.d.	0,00250	mg/kg
B3c lead	8	0	0,0	0	0,0	0,00625	n.d.	n.d.	0,01000	mg/kg
B3c mercury	8	2	25,0	0	0,0	0,00038	n.d.	0,00065	0,00100	mg/kg
B3f 2,2',3,4,4',5',6-HeptaBDE	17	1	5,9	0	0,0	0,00637	n.d.	n.d.	0,02830	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	17	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	17	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5-PentaBDE	17	1	5,9	0	0,0	0,00423	n.d.	n.d.	0,01110	ng/g
B3f 2,2',4,4',6-PentaBDE	17	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4'-TetraBDE	17	2	11,8	0	0,0	0,00361	n.d.	0,00384	0,01660	ng/g
B3f 2,4,4'-TriBDE	17	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f cyromazine	18	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg/kg
B3f diflubenzuron	18	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg
B3f etoxazole	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f fipronil (sum of fipronil + fipronil	18	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3f flufenoxuron	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f sum PCB	17	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3f pyriproxyfen	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f teflubenzuron	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f thiamethoxam	18	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f WHO-PCDD/F-PCB-TEQ	17	17	100,0	0	0,0	0,66176	0,40900	1,39000	2,47000	pg/g fat
B3f WHO-PCDD/F-TEQ	17	14	82,4	0	0,0	0,40929	0,36200	0,67380	0,92200	pg/g fat

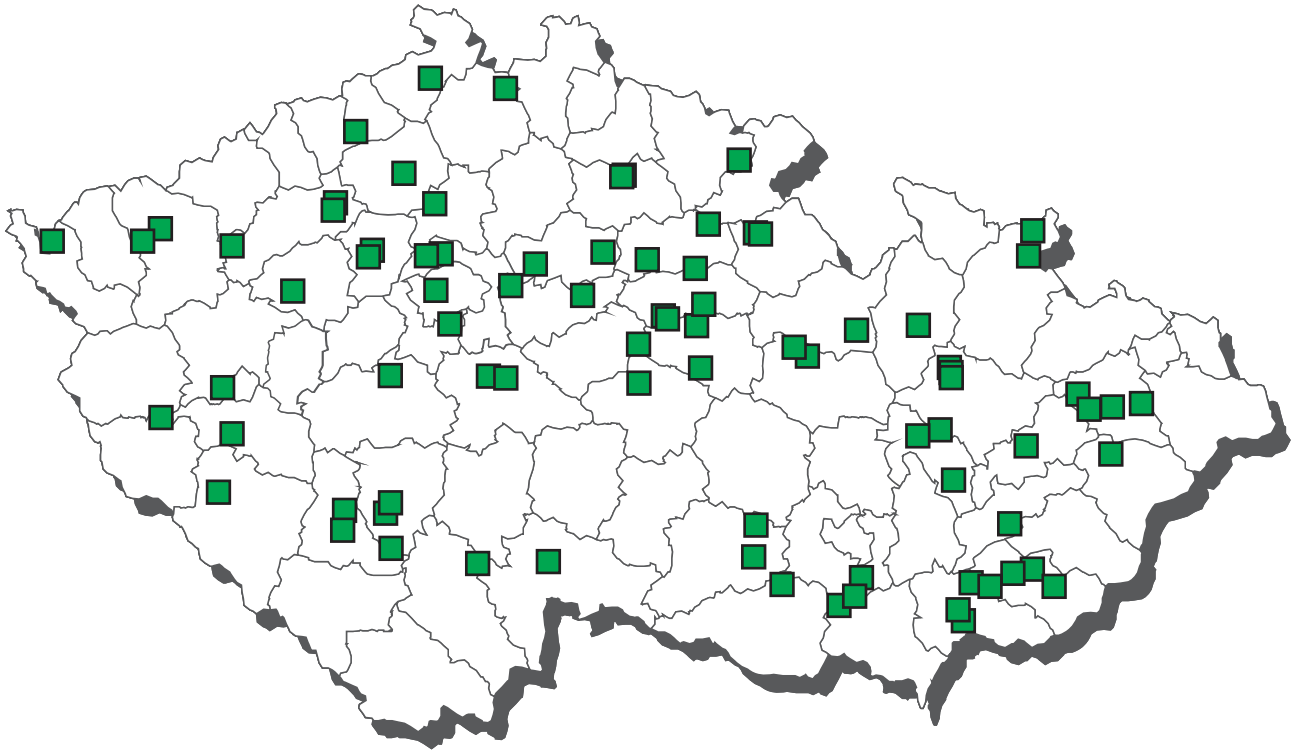
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 erythromycin	MRL - 150 µg/kg	8	0	0	0	0	0
B1 chlortetracycline	MRL - 200 µg/kg	8	0	0	0	0	0
B1 lincomycin	MRL - 50 µg/kg	10	0	0	0	0	0
B1 neomycin (incl. framycetin)	MRL - 500 µg/kg	10	0	0	0	0	0
B1 oxytetracyklin	MRL - 200 µg/kg	8	0	0	0	0	0
B1 tetracyklin	MRL - 200 µg/kg	8	0	0	0	0	0
B1 tiamulin	MRL - 1000 µg/kg	10	0	0	0	0	0
B1 tylosin	MRL - 200 µg/kg	8	0	0	0	0	0
B2a fenbendazole	MRL - 1300 µg/kg	5	0	0	0	0	0
B2a fenbendazole (sum)	MRL - 1300 µg/kg	5	0	0	0	0	0
B2a fenbendazole sulfon	MRL - 1300 µg/kg	5	0	0	0	0	0
B2a flubendazole	MRL - 400 µg/kg	5	0	0	0	0	0
B2a oxfendazole	MRL - 1300 µg/kg	5	0	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	26	0	0	0	0	0
B2b diclazuril	ML - 2 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 narasin	ML - 2 µg/kg	26	0	0	0	0	0
B2b robenidin	ML - 25 µg/kg	26	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	26	0	0	0	0	0
B3a aldrin, dieldrin (sum)	MRL - 0,02 mg/kg	51	0	0	0	0	0
B3a alfa-HCH	MRL - 0,02 mg/kg	51	0	0	0	0	0
B3a beta-HCH	MRL - 0,01 mg/kg	51	0	0	0	0	0
B3a DDT (sum)	MRL - 0,05 mg/kg	51	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	51	0	0	0	0	0
B3a endrin	MRL - 0,005 mg/kg	51	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,01 mg/kg	51	0	0	0	0	0

hen 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	51	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,01 mg/kg	51	0	0	0	0	0
B3a chlordan	MRL - 0,005 mg/kg	51	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	51	0	0	0	0	0
B3b azinphos-ethyl	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b azinphos-methyl	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b diazinone	MRL - 0,02 mg/kg	18	0	0	0	0	0
B3b ethion	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b fenitrothion	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b fenthion	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b formothion	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b chlorpyrifos	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b chlorpyrifos-methyl	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b malathion	MRL - 0,02 mg/kg	18	0	0	0	0	0
B3b methamidophos	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b parathion	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3b triazophos	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3b trichlorfon	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3c cadmium	AL - 0,02 mg/kg	8	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	8	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	8	0	0	0	0	0
B3f cyromazine	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3f etoxazole	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3f flufenoxuron	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3f pyriproxyfen	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3f teflubenzuron	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3f thiamethoxam	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 5 pg/g fat	17	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	17	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
sulfamethoxazole			
05.06.2019	České Budějovice	Dynín (okres ČB)	9 µg/kg

CL 2019 - sampling of hen eggs and quail's eggs



Hen eggs and quail's eggs - non-compliant results 2019

sulfamethoxazol hen eggs

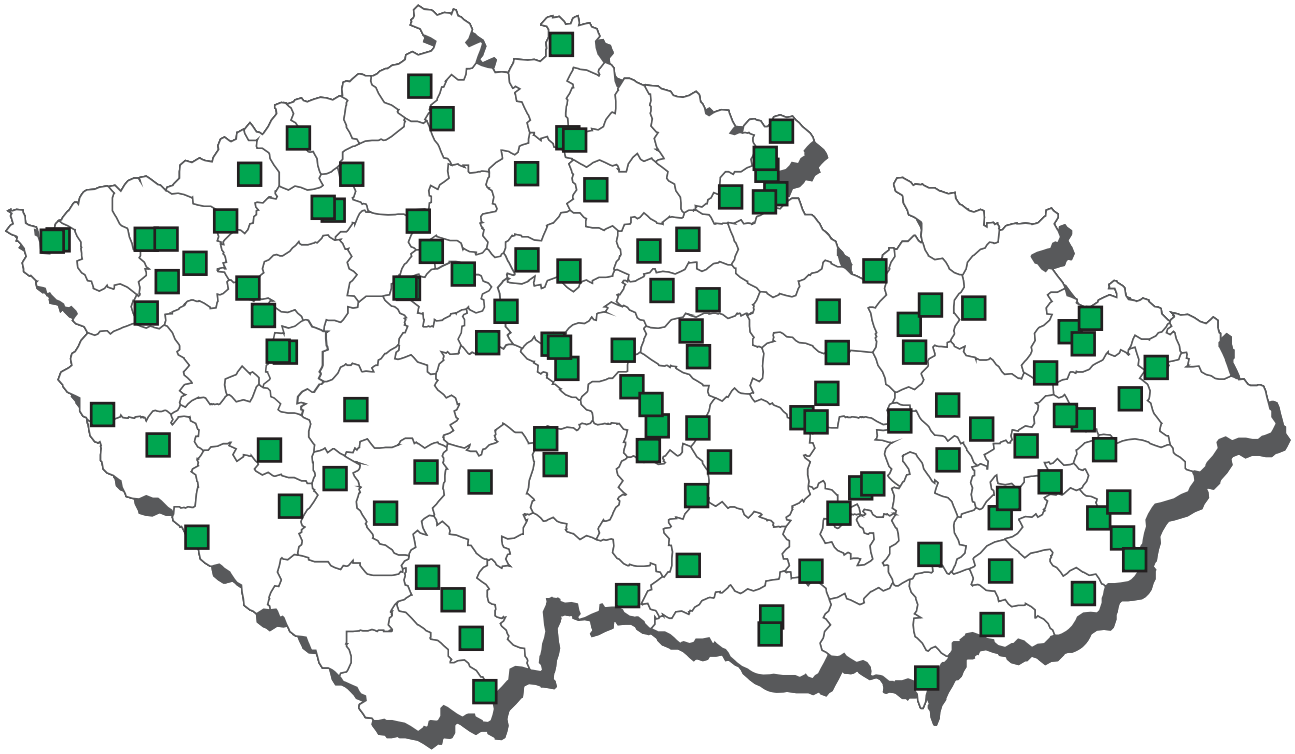
quail's eggs - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	DNSH	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,04000	n.d.	n.d.	0,04000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cloxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dicloxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	doxycycline	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	erythromycin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	chlortetracycline	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	oxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfadiazine	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	sulfadimidine	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	sulfachlorpyridazine	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	sulfamethoxazole	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	tetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tylosin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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	0	0,0	13,05000	13,05000	21,49000	23,60000	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	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	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	0,00043	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	DDT (sum)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	endosulfan (sum)	3	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	3	0	0,0	0	0,0	0,00047	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	chlordan	3	0	0,0	0	0,0	0,00047	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

quail's eggs - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	erythromycin	MRL - 150 µg/kg	2	0	0	0	0	0
B1	chlortetracycline	MRL - 200 µg/kg	2	0	0	0	0	0
B1	oxytetracyklin	MRL - 200 µg/kg	2	0	0	0	0	0
B1	tetracyklin	MRL - 200 µg/kg	2	0	0	0	0	0
B1	tylosin	MRL - 200 µg/kg	2	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	2	0	0	0	0	0
B2b	diclazuril	ML - 2 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	2	0	0	0	0	0
B2b	maduramicin	ML - 12 µg/kg	2	0	0	0	0	0
B2b	narasin	ML - 2 µg/kg	2	0	0	0	0	0
B2b	robenidin	ML - 25 µg/kg	2	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	2	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,02 mg/kg	2	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	DDT (sum)	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	endrin	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3a	heptachlor	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3a	chlordan	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	3	0	0	0	0	0

CL 2019 - sampling of honey



honey - monitoring

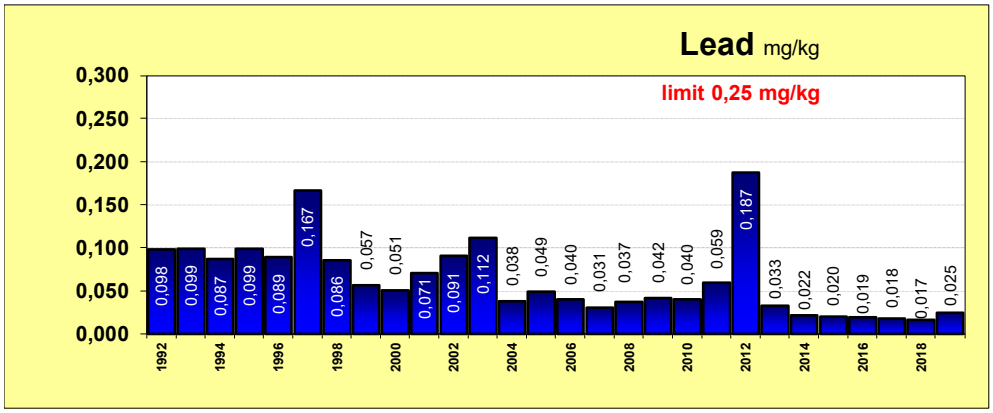
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	2	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	4	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A6	ornidazole	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	secnidazole	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
B1	betalactams	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	difloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	enrofloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	flumequine	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	oxolinic acid	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	lomefloxacin	11	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	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	nalidixic acid	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	norfloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	ofloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	orbifloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	pefloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	sarafloxacin	11	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.	#
B2a	coumaphos	10	0	0,0	0	0,0	6,50165	n.d.	n.d.	13,00000	mg/kg
B2c	cypermethrin	13	0	0,0	0	0,0	0,00173	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	13	0	0,0	0	0,0	0,00171	n.d.	n.d.	0,00250	mg/kg
B2c	tau-fluvalinat	16	0	0,0	0	0,0	0,00418	n.d.	n.d.	0,00500	mg/kg
B2c	lambda-cyhalothrin	13	0	0,0	0	0,0	0,00102	n.d.	n.d.	0,00150	mg/kg
B2c	permethrin	13	0	0,0	0	0,0	0,00402	n.d.	n.d.	0,00500	mg/kg
B2f	amitraz	6	0	0,0	0	0,0	6,09167	n.d.	n.d.	8,50000	µg/kg
B3a	aldrin, dieldrin (sum)	18	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	18	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	18	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	18	0	0,0	0	0,0	0,00051	n.d.	n.d.	0,00060	mg/kg
B3a	endosulfan (sum)	18	0	0,0	0	0,0	0,00053	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	18	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	18	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	18	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	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	0,00049	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	diazinone	17	0	0,0	0	0,0	0,00135	n.d.	n.d.	0,00150	mg/kg
B3b	chlorpyrifos	17	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	17	0	0,0	0	0,0	0,00171	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	17	0	0,0	0	0,0	0,00235	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	17	0	0,0	0	0,0	0,00244	n.d.	n.d.	0,00350	mg/kg
B3b	pyrimiphosmethyl	17	0	0,0	0	0,0	0,00135	n.d.	n.d.	0,00150	mg/kg
B3c	cadmium	17	6	35,3	0	0,0	0,00650	n.d.	0,02120	0,02600	mg/kg
B3c	lead	17	5	29,4	**1**	**5,9**	0,02494	n.d.	0,02500	0,13400	mg/kg

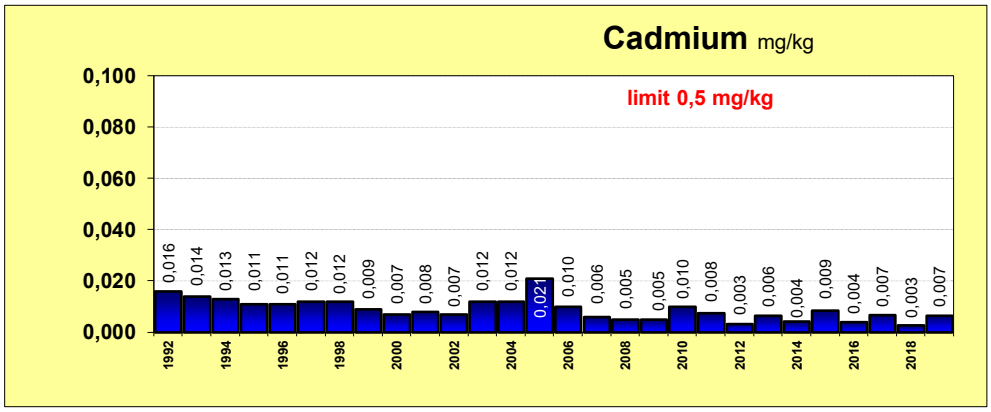
honey - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a coumaphos	MRL - 100 µg/kg	10	0	0	0	0	0
B2c cypermethrin	MRL - 0,05 mg/kg	13	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	13	0	0	0	0	0
B2c tau-fluvalinat	MRL - 0,05 mg/kg	16	0	0	0	0	0
B2c lambda-cyhalothrin	MRL - 0,05 mg/kg	13	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 alfa-HCH	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a beta-HCH	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 endosulfan (sum)	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a endrin	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 heptachlor	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a hexachlorbenzen	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 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 chlorpyrifos	MRL - 0,05 mg/kg	17	0	0	0	0	0
B3b malathion	MRL - 0,05 mg/kg	17	0	0	0	0	0
B3b phorate	MRL - 0,01 mg/kg	17	0	0	0	0	0
B3c cadmium	AL - 0,05 mg/kg	16	1	0	0	0	0
B3c lead	ML - 0,1 mg/kg	16	0	0	**1**	0	0

sampling date	cadastral district (sampling)	origin	value
lead			
28.08.2019	Klatovy	Hamry na Šumavě	0,134 mg/kg

The average content of contaminants in honey





calves - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	1	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	8	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	2	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	48	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	48	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	19	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	48	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	19	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	48	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	19	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	29	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	48	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	19	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	29	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	48	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	19	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	spectinomycin	19	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	spiramycin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	19	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	29	0	0,0	0	0,0	10,77586	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	48	0	0,0	0	0,0	11,04167	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	19	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg

calves - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	tylosin	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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 (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (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	nitroxinil	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	oxibendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	3	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	3	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	cypermethrin	3	0	0,0	0	0,0	0,00117	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	3	0	0,0	0	0,0	0,00110	n.d.	n.d.	0,00250	mg/kg
B2c	lambda-cyhalothrin	3	0	0,0	0	0,0	0,00057	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	3	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00300	mg/kg
B2c	methomyl	3	0	0,0	0	0,0	0,00067	n.d.	n.d.	0,00100	mg/kg
B2c	permethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	3	0	0,0	0	0,0	0,00067	n.d.	n.d.	0,00100	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	2	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	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	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	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	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	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	4	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	4	0	0,0	0	0,0	0,00033	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	endosulfan (sum)	4	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	4	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	4	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	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	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	4	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	4	0	0,0	0	0,0	3,45000	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	7	0	0,0	0	0,0	0,00321	n.d.	n.d.	0,00500	mg/kg
B3c	cadmium	7	0	0,0	0	0,0	0,00207	n.d.	n.d.	0,00250	mg/kg
B3c	lead	7	1	14,3	0	0,0	0,00571	n.d.	0,00700	0,01000	mg/kg
B3c	mercury	7	1	14,3	0	0,0	0,00036	n.d.	0,00058	0,00070	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	19	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	19	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	19	0	0	0	0	0
B1	cefalexin	MRL - 200 µg/kg	19	0	0	0	0	0
B1	cefquinom	MRL - 50 µg/kg	19	0	0	0	0	0
B1	ceftiofur	MRL - 1000 µg/kg	19	0	0	0	0	0

calves - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	cephapirin	MRL - 50 µg/kg	19	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	19	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	48	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	19	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	48	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	19	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	19	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	48	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	19	0	0	0	0	0
B1	florfenicol	MRL - 200 µg/kg	19	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	48	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	19	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	19	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	48	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	19	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	48	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	19	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	19	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	19	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	19	0	0	0	0	0
B1	spiramycin	MRL - 200 µg/kg	19	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	19	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	48	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	48	0	0	0	0	0
B1	tetracyklin	MRL - 100 µg/kg	19	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	19	0	0	0	0	0
B1	tulathromycin	MRL - 300 µg/kg	19	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	19	0	0	0	0	0
B2a	albendazole (sum)	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	clorsulon	MRL - 35 µg/kg	2	0	0	0	0	0
B2a	closantel	MRL - 1000 µg/kg	2	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	2	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	2	0	0	0	0	0
B2a	nitroxinil	MRL - 400 µg/kg	2	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	2	0	0	0	0	0
B2a	oxyclozanide	MRL - 20 µg/kg	2	0	0	0	0	0
B2a	rafoxanid	MRL - 30 µg/kg	2	0	0	0	0	0
B2a	triclabendazole (sum)	MRL - 225 µg/kg	2	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c	cypermethrin	MRL - 2 mg/kg	3	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	3	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,5 mg/kg	3	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	methomyl	MRL - 0,01 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	5	0	0	0	0	0
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	metamizol	MRL - 100 µg/kg	2	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	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	DDT (sum)	MRL - 1 mg/kg	4	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	4	0	0	0	0	0

calves - 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	4	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	4	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	4	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	7	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	7	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	7	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	7	0	0	0	0	0

calves - liver - 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/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B1	aminoglycosides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	betalactams	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	48	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	oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	macrolides	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	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	48	1	2,1	0	0,0	17,02083	n.d.	n.d.	277,00000	µg/kg
B1	sulfadiazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg

calves - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfamethoxazole	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	48	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	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	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	diclazuril	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	0,02729	0,01700	0,05560	0,10900	mg/kg
B3c	lead	7	5	71,4	0	0,0	0,04429	0,02000	0,10200	0,18000	mg/kg
B3c	mercury	7	6	85,7	0	0,0	0,00144	0,00100	0,00252	0,00330	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A1	benzoestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	dienoestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	diethylstilbestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	hexoestrol	AL - 0,2 µg/kg	1	0	0	0	0	0
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	3	0	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	robenidin	ML - 50 µg/kg	3	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	3	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	7	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	7	0	0	0	0	0
B3c	mercury	MRL - 0,02 mg/kg	7	0	0	0	0	0

calves - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	betalactams	48	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	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tetracyclines	48	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d	acepromazine	4	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	azaperol	4	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	azaperone	4	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/kg
B2d	carazolol	4	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	haloperidol	4	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B2d	haloperidol - metabolite	4	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	chlorpromazine	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2d	propionylpromazine	4	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	xylazine	4	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	0,09014	0,05600	0,18300	0,32100	mg/kg
B3c	lead	7	6	85,7	0	0,0	0,05286	0,04000	0,11240	0,13100	mg/kg
B3c	mercury	7	6	85,7	0	0,0	0,00194	0,00200	0,00290	0,00380	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d	acepromazine	AL - 6 µg/kg	0	4	0	0	0	0
B2d	azaperol	AL - 10 µg/kg	4	0	0	0	0	0
B2d	carazolol	MRL - 15 µg/kg	4	0	0	0	0	0
B2d	haloperidol	AL - 4 µg/kg	4	0	0	0	0	0
B2d	haloperidol - metabolite	AL - 10 µg/kg	4	0	0	0	0	0
B2d	chlorpromazine	AL - 5 µg/kg	4	0	0	0	0	0
B2d	propionylpromazine	AL - 10 µg/kg	4	0	0	0	0	0
B2d	xylazine	AL - 3 µg/kg	4	0	0	0	0	0
B3c	cadmium	ML - 1 mg/kg	7	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	7	0	0	0	0	0
B3c	mercury	MRL - 0,02 mg/kg	7	0	0	0	0	0

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	dienoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	hexoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A2	methylthiouracil	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	propylthiouracil	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	tapazole	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	thiouracil	3	1	33,3	0	0,0	4,20000	n.d.	9,03000	11,10000	µg/l
A3	16-beta-hydroxy-stanozolol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3	17-alpha-19-nortestosterone	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	17-alfa-trenbolone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-beta-19-nortestosterone	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-beta-boldenone	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-trenbolone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	beclometasone	1	0	0,0	0	0,0	1,80000	n.d.	n.d.	1,80000	µg/l
A3	betametasone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	dexamethasone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	ethinylestradiol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	flumetasone	1	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/l
A3	fluocinolone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	fluorometolone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	chlortestosterone	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	methylboldenone	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	methyltestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	metylprednisolone	1	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/l
A3	norclostebol	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	prednisolone	1	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/l
A3	prednison	1	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,45000	µg/l
A3	stanazolol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	alfa-zearalenol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	4	1	25,0	0	0,0	1,48750	n.d.	3,89500	5,50000	µg/l
A4	taleranol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A4	zearalanon	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	4	1	25,0	0	0,0	0,83750	n.d.	1,89500	2,60000	µg/l
A4	zeranol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	carbuterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	cimaterol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	cimbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenbuterol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l
A5	clencyclohexerol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenhexerol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenpenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	fenoterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A5	formoterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	hydroxymethylclenbuterol	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	0,03000	n.d.	n.d.	0,03000	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	0,10000	n.d.	n.d.	0,10000	µg/l
A5	mabuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/l
A5	pirbuterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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	0,20000	n.d.	n.d.	0,20000	µg/l
A5	salmeterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	sotalol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	terbutalin	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A5	tulobuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	zilpaterol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	chloramphenicol	4	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l

calves - plasma - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	dimetridazole	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	HMMNI	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ipronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	metronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	MNZOH	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	ornidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	secnidazole	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazole	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l

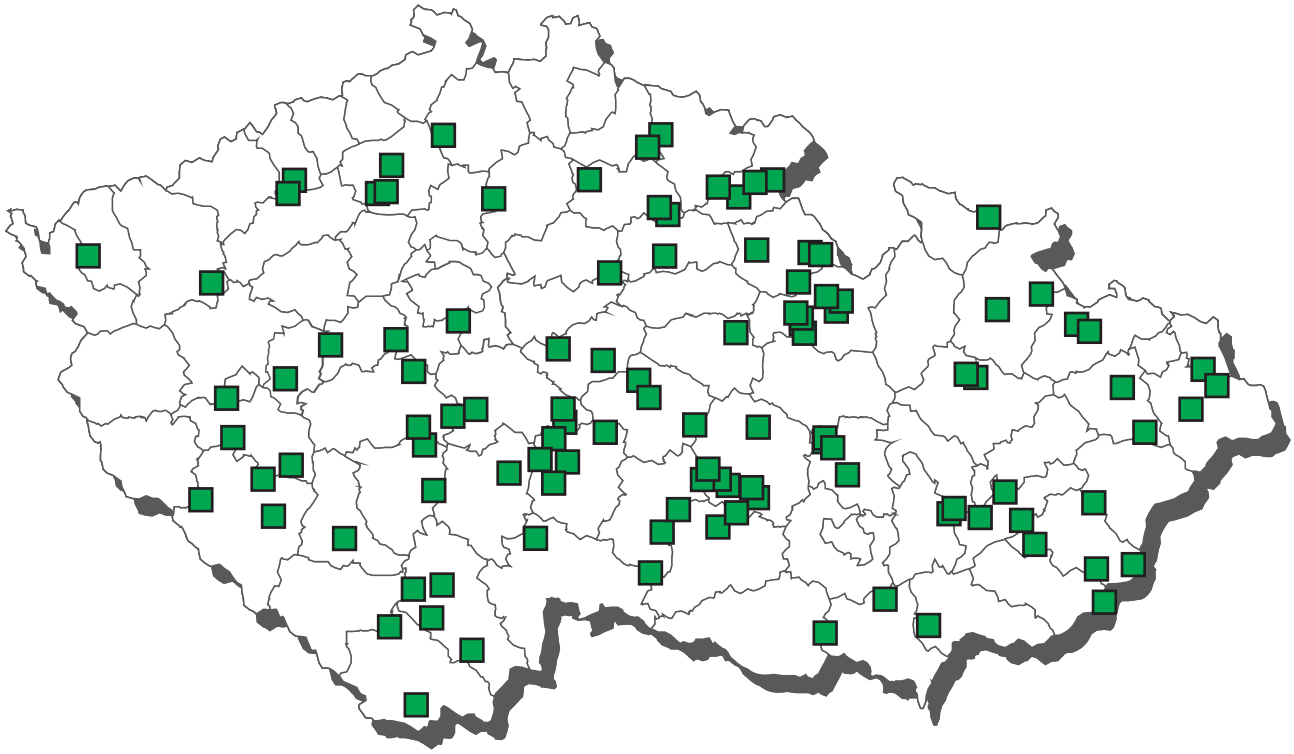
calves - hair - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	chlorbrombuterol	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	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	1,70000	n.d.	n.d.	1,70000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	2,60000	n.d.	n.d.	2,60000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg

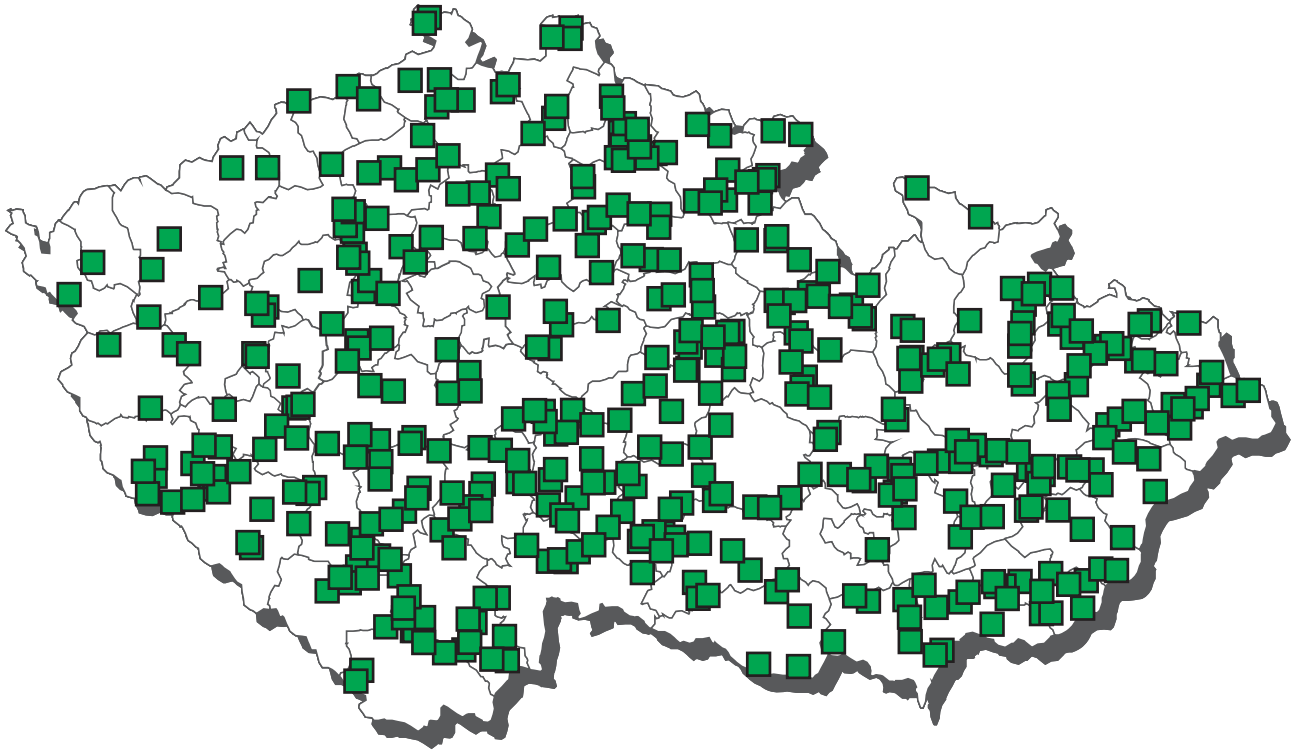
calves - fat - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-acetoxyprogesterone	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	altrenogest	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	chloromadinone acetate	2	0	0,0	0	0,0	0,85000	n.d.	n.d.	0,85000	µg/kg
A3	medroxyprogesterone ac.	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	megestrol acetate	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	melengestrol acetate	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

CL 2019 - sampling of calves



CL 2019 - sampling of young bovine



young bovine animals - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-19-nortestosterone	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	chlortestosterone	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	methyltestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	norclostebol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	6	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	22	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	51	0	0,0	0	0,0	9,70588	n.d.	n.d.	25,00000	µg/kg
B1	desfuroylceftiofur	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	51	0	0,0	0	0,0	9,70588	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	51	0	0,0	0	0,0	9,70588	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	51	0	0,0	0	0,0	9,70588	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	22	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	29	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	51	0	0,0	0	0,0	9,70588	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	29	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	51	0	0,0	0	0,0	9,70588	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	spectinomycin	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	spiramycin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	29	0	0,0	0	0,0	11,03448	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg

young bovine animals - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfamerazine	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	51	0	0,0	0	0,0	10,68627	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	22	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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	flubendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	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	oxfendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	15	0	0,0	0	0,0	0,00220	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	15	0	0,0	0	0,0	0,00140	n.d.	n.d.	0,00250	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	lambda-cyhalothrin	15	0	0,0	0	0,0	0,00090	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	15	0	0,0	0	0,0	0,00287	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	15	0	0,0	0	0,0	0,00190	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	15	0	0,0	0	0,0	0,00358	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	15	0	0,0	0	0,0	0,00190	n.d.	n.d.	0,00500	mg/kg
B2e	carprofen	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e	diclofenac	13	0	0,0	0	0,0	1,73077	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	1,73077	n.d.	n.d.	2,50000	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	1,73077	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	1,73077	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)	76	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	76	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	76	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	76	15	19,7	0	0,0	0,00228	n.d.	0,00510	0,03900	mg/kg
B3a	endosulfan (sum)	76	0	0,0	0	0,0	0,00054	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	76	0	0,0	0	0,0	0,00012	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	76	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	76	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	76	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	76	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	76	4	5,3	0	0,0	5,07779	n.d.	n.d.	42,65800	ng/g fat
B3c	arsenic	15	2	13,3	0	0,0	0,00433	n.d.	0,00560	0,00900	mg/kg
B3c	cadmium	15	0	0,0	0	0,0	0,00180	n.d.	n.d.	0,00250	mg/kg

young bovine animals - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c	lead	15	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	15	6	40,0	0	0,0	0,00061	n.d.	0,00086	0,00210	mg/kg
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	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',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'-TetraBDE	6	1	16,7	0	0,0	0,00308	n.d.	0,00405	0,00550	ng/g
B3f	2,4,4'-TriBDE	6	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	sum PCB	6	3	50,0	0	0,0	7,91133	7,75600	13,57800	15,44500	ng/g fat
B3f	WHO-PCDD/F-PCB-TEQ	6	6	100,0	0	0,0	1,07242	1,13900	1,71000	1,89000	pg/g fat
B3f	WHO-PCDD/F-TEQ	6	4	66,7	0	0,0	0,29829	0,36200	0,43750	0,44300	pg/g fat

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	22	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	22	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	22	0	0	0	0	0
B1	cefalexin	MRL - 200 µg/kg	22	0	0	0	0	0
B1	cefquinom	MRL - 50 µg/kg	22	0	0	0	0	0
B1	ceftiofur	MRL - 1000 µg/kg	22	0	0	0	0	0
B1	cephapirin	MRL - 50 µg/kg	22	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	22	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	51	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	22	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	51	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	22	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	22	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	51	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	22	0	0	0	0	0
B1	florfenicol	MRL - 200 µg/kg	22	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	51	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	22	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	22	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	51	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	22	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	51	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	22	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	22	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	22	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	22	0	0	0	0	0
B1	spiramycin	MRL - 200 µg/kg	22	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	22	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	51	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	51	0	0	0	0	0
B1	tetracyklin	MRL - 100 µg/kg	22	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	22	0	0	0	0	0
B1	tulathromycin	MRL - 300 µg/kg	22	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	22	0	0	0	0	0
B2a	albendazole (sum)	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 (sum)	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	oxyclozanide	MRL - 20 µg/kg	9	0	0	0	0	0
B2a	rafoxanid	MRL - 30 µg/kg	9	0	0	0	0	0

young bovine animals - muscle - monitoring - (continuation)

analyte		ıygienic mit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	triclabendazole (sum)	MRL - 225 µg/kg	9	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	15	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	15	0	0	0	0	0
B2c	cypermethrin	MRL - 2 mg/kg	15	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	15	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,5 mg/kg	15	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	methomyl	MRL - 0,01 mg/kg	15	0	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	13	0	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	metamizol	MRL - 100 µg/kg	6	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	76	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	76	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	76	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	76	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	76	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	76	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	76	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	76	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	76	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	76	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	73	1	0	2*	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	lead	ML - 0,1 mg/kg	15	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 4 pg/g fat	6	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	6	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

young bovine animals - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b	chlorpyrifos	3	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg

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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-alpha-19-nortestosterone	10	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	17-beta-19-nortestosterone	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-boldenone	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	ethinylestradiol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	chlortestosterone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	methyltestosterone	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	brombuterol	23	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	23	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	23	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

young bovine animals - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	fenoterol	23	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	23	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	23	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	23	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	23	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	23	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	23	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	23	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	23	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B1	betalactams	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	gentamycin, neomycin	51	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	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	51	0	0,0	0	0,0	11,66667	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	51	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	diclazuril	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	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	15	0	0,0	0	0,0	1,80000	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	1,60000	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	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	15	0	0,0	0	0,0	1,60000	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
B3b	diazinone	11	0	0,0	0	0,0	0,00136	n.d.	n.d.	0,00150	mg/kg
B3b	chlorpyrifos	11	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	11	0	0,0	0	0,0	0,00168	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	11	0	0,0	0	0,0	0,00232	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	11	0	0,0	0	0,0	0,00241	n.d.	n.d.	0,00350	mg/kg
B3b	pyrimiphosmethyl	11	0	0,0	0	0,0	0,00136	n.d.	n.d.	0,00150	mg/kg
B3c	cadmium	15	15	100,0	0	0,0	0,05513	0,04200	0,10300	0,10600	mg/kg
B3c	lead	15	12	80,0	0	0,0	0,01987	0,01100	0,04200	0,06000	mg/kg
B3c	mercury	15	14	93,3	0	0,0	0,00183	0,00120	0,00312	0,00600	mg/kg
B3d	aflatoxin B2	12	0	0,0	0	0,0	0,05208	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	12	0	0,0	0	0,0	0,10833	n.d.	n.d.	0,15000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A3	17-alpha-19-nortestosterone	AL - 1 µg/kg	10	0	0	0	0	0
A3	17-beta-19-nortestosterone	AL - 1 µg/kg	10	0	0	0	0	0
A3	17-beta-boldenone	AL - 1 µg/kg	10	0	0	0	0	0
A3	ethinylestradiol	AL - 1 µg/kg	10	0	0	0	0	0
A3	chlortestosterone	AL - 1 µg/kg	10	0	0	0	0	0
A3	methyltestosterone	AL - 1 µg/kg	10	0	0	0	0	0
A3	norclostebol	AL - 1 µg/kg	10	0	0	0	0	0
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

young bovine animals - liver - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
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	15	0	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 robenidin	ML - 50 µg/kg	15	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	15	0	0	0	0	0
B3b diazinone	MRL - 0,02 mg/kg	11	0	0	0	0	0
B3b chlorpyrifos-methyl	MRL - 0,05 mg/kg	11	0	0	0	0	0
B3b malathion	MRL - 0,02 mg/kg	11	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	11	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	15	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	15	0	0	0	0	0
B3c mercury	MRL - 0,02 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 - liver - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b chlorpyrifos	3	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg

young bovine animals - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substances	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 tetracyclines	51	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d acepromazine	18	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d azaperol	18	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d azaperone	18	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/kg
B2d carazolol	18	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d haloperidol	18	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B2d haloperidol - metabolite	18	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d chlorpromazine	18	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2d propionylpromazine	18	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d xylazine	18	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c cadmium	15	15	100,0	0	0,0	0,21373	0,15400	0,41940	0,49500	mg/kg
B3c lead	15	12	80,0	0	0,0	0,03353	0,03000	0,07400	0,10000	mg/kg
B3c mercury	15	15	100,0	0	0,0	0,00352	0,00370	0,00484	0,00620	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	15	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	15	0	0	0	0	0
B3c mercury	MRL - 0,02 mg/kg	15	0	0	0	0	0

young bovine animals - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	2	2	100,0	0	0,0	0,57000	0,57000	0,77480	0,82600	mg/kg

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	dienoestrol	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	diethylstilbestrol	19	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	hexoestrol	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A2	methylthiouracil	26	1	3,8	0	0,0	0,48077	n.d.	n.d.	0,50000	µg/l
A2	propylthiouracil	26	1	3,8	0	0,0	0,48077	n.d.	n.d.	0,50000	µg/l
A2	tapazole	26	1	3,8	0	0,0	0,48077	n.d.	n.d.	0,50000	µg/l
A2	thiouracil	26	3	11,5	0	0,0	1,22500	n.d.	0,75000	7,60000	µg/l
A3	16-beta-hydroxy-stanozolol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3	17-alpha-19-nortestosterone	13	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	17-alfa-trenbolone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-beta-19-nortestosterone	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-beta-boldenone	13	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-trenbolone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	beclometasone	4	0	0,0	0	0,0	1,80000	n.d.	n.d.	1,80000	µg/l
A3	betametasone	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	dexamethasone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	ethinylestradiol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	flumetasone	4	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/l
A3	fluocinolone	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	fluorometolone	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	chlortestosterone	13	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	methylboldenone	13	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	methyltestosterone	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	metylprednisolone	4	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/l
A3	norclostebol	13	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	prednisolone	4	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/l
A3	prednison	4	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,45000	µg/l
A3	stanazolol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3	triamcinolone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	alfa-zearalenol	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A4	zearalanon	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	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	16	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	carbuterol	16	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	cimaterol	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	cimbuterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenbuterol	16	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l
A5	clencyclohexerol	16	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenhexerol	16	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenisopenterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenpenterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	fenoterol	16	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A5	formoterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	hydroxymethylclenbuterol	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	0,03000	n.d.	n.d.	0,03000	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	0,10000	n.d.	n.d.	0,10000	µg/l
A5	mabuterol	16	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	mapenterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenaline (metaprotenerol)	16	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/l
A5	pirbuterol	16	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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	0,20000	n.d.	n.d.	0,20000	µg/l
A5	salmeterol	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	sotalol	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	terbutalin	16	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A5	tulobuterol	16	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	zilpaterol	16	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	chloramphenicol	37	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l

young bovine animals - plasma - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-estradiol	20	2	10,0	0	0,0	0,00280	n.d.	0,00280	0,01000	µg/l
A3	17-beta-testosterone	25	13	52,0	0	0,0	1,36000	0,05000	5,27000	7,68000	µg/l
A3	estradiol acetate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	estradiol benzoate	6	0	0,0	0	0,0	0,01500	n.d.	n.d.	0,01500	µg/l
A3	estradiol cypionate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	estradiol enanthate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	estradiol valerate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	nortestosterone benzoate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	nortestosterone cypionate	6	0	0,0	0	0,0	0,01500	n.d.	n.d.	0,01500	µg/l
A3	nortestosterone decanoate	6	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l
A3	nortestosterone phenylpropionate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	nortestosterone propionate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone benzoate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone cypionate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone decanoate	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	µg/l
A3	testosterone enanthate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone phenylpropionate	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	µg/l
A3	testosterone isocaproate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone propionate	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A6	carnidazole	11	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	dimetridazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	HMMNI	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ipronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ipronidazole-OH	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	metronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	MNZOH	11	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	ornidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	secnidazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l

young bovine animals - hair - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoate	20	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	nortestosterone benzoate	20	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A3	nortestosterone cypionate	20	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	nortestosterone decanoate	20	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A3	nortestosterone phenylpropionate	20	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	nortestosterone propionate	20	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	testosterone benzoate	20	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	testosterone cypionate	20	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	testosterone decanoate	20	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	testosterone enanthate	20	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone phenylpropionate	20	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	testosterone isocaproate	20	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone propionate	20	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	brombuterol	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	carbuterol	5	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	cimaterol	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	cimbuterol	5	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	clenbuterol	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	clencyclohexerol	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	clenhexerol	5	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	clenisopenterol	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	clenpenterol	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	clenproperol	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	hydroxymethylclenbuterol	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	chlorbrombuterol	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	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	labetalol	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	mabuterol	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	mapenterol	5	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	pirbuterol	5	0	0,0	0	0,0	1,70000	n.d.	n.d.	1,70000	µg/kg
A5	ractopamin	5	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg

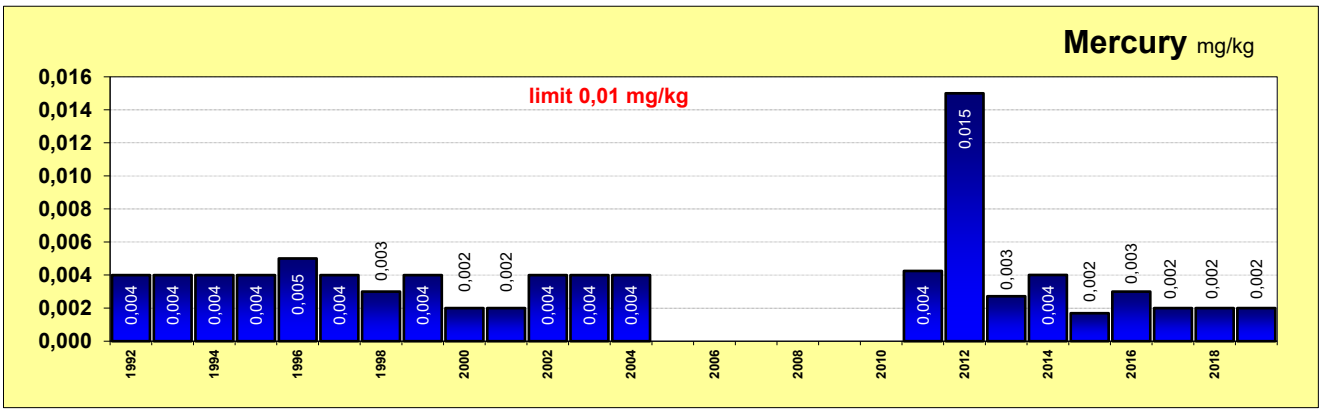
young bovine animals - hair - monitoring - (continuation)

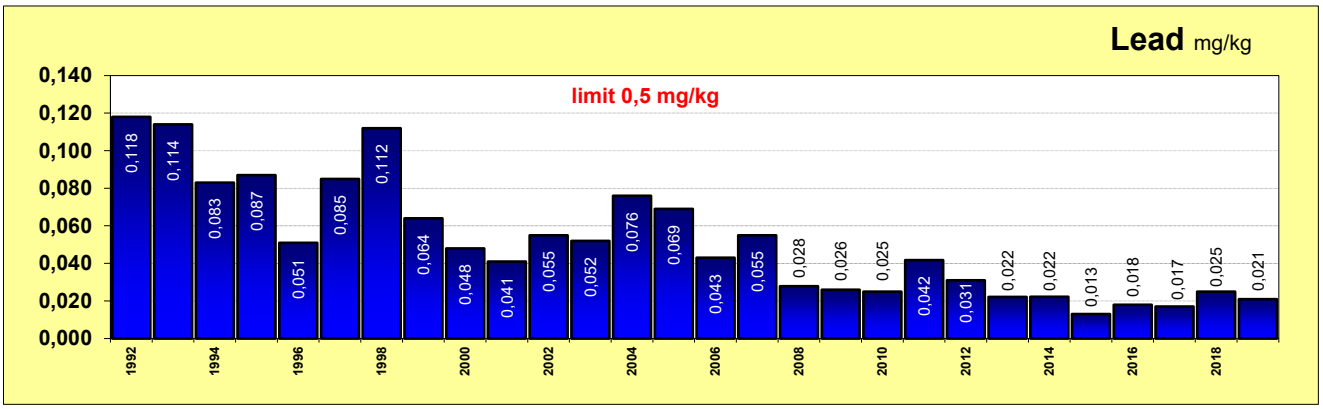
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	ritodrin	5	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	salbutamol	5	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A5	salmeterol	5	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A5	sotalol	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	terbutalin	5	0	0,0	0	0,0	2,60000	n.d.	n.d.	2,60000	µg/kg
A5	tulobuterol	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	zilpaterol	5	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg

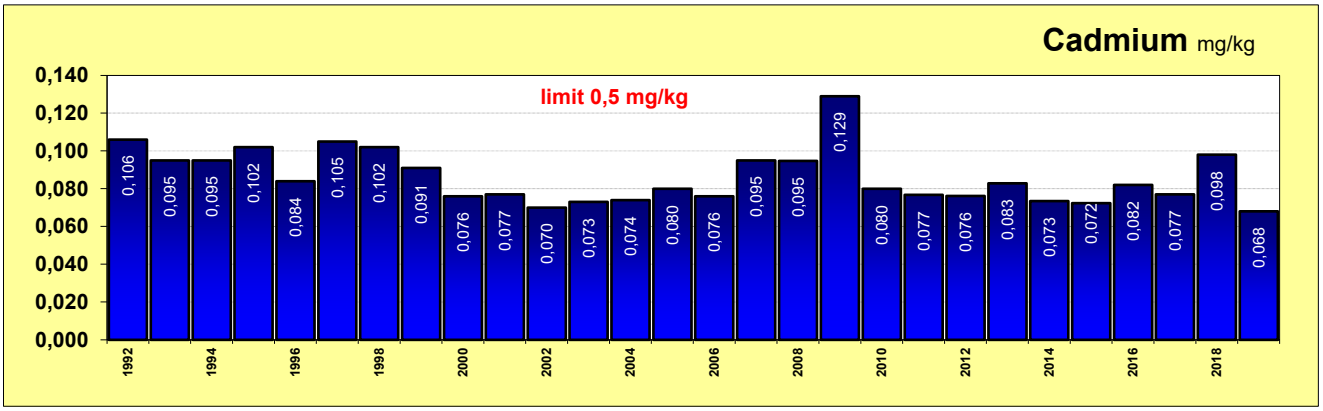
young bovine animals - kidney fat - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-acetoxyprogesterone	14	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	altrenogest	14	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	chloromadinone acetate	14	0	0,0	0	0,0	0,85000	n.d.	n.d.	0,85000	µg/kg
A3	medroxyprogesterone ac.	14	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	megestrol acetate	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	melengestrol acetate	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

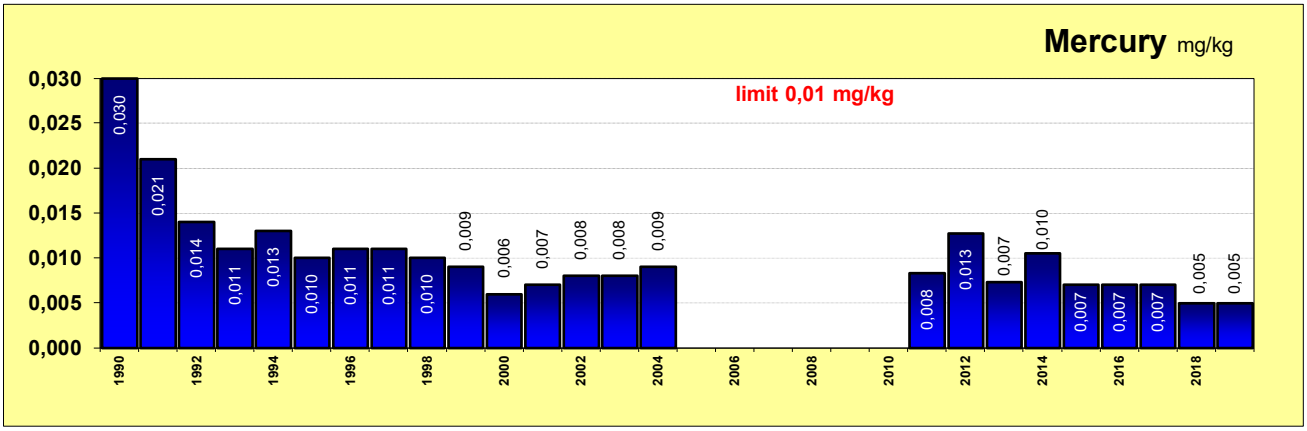
The average content of contaminants in the liver of bovine

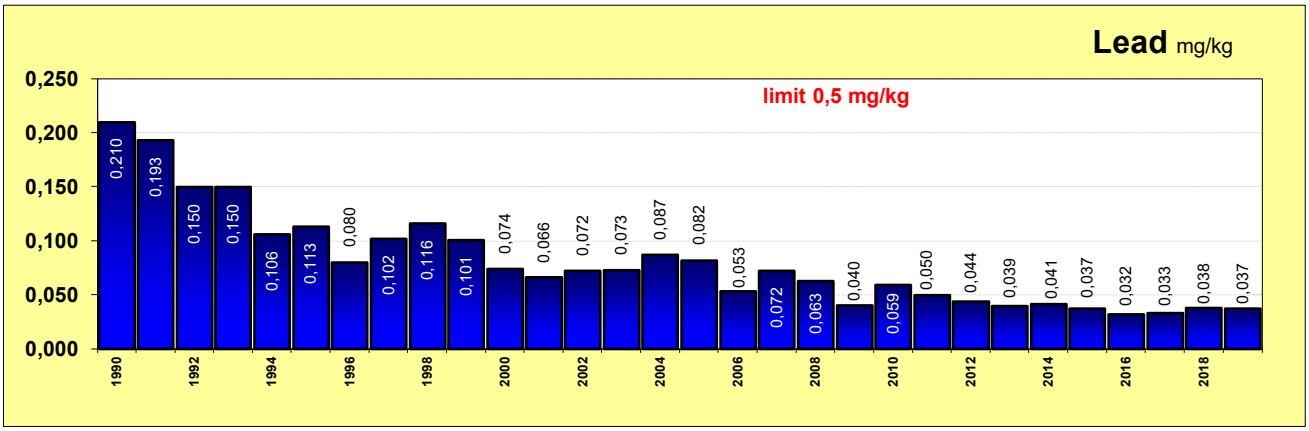


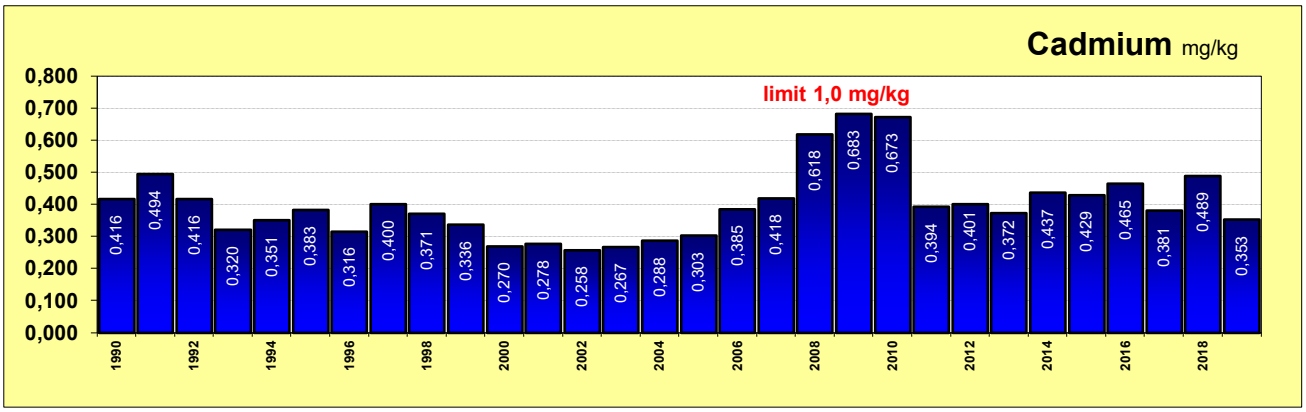




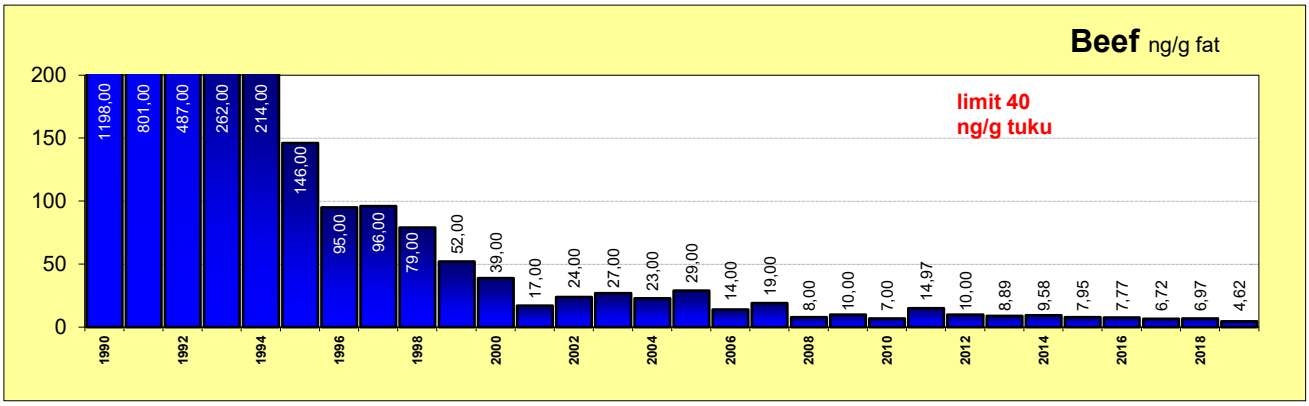
The average content of contaminants in the kidneys of bovine

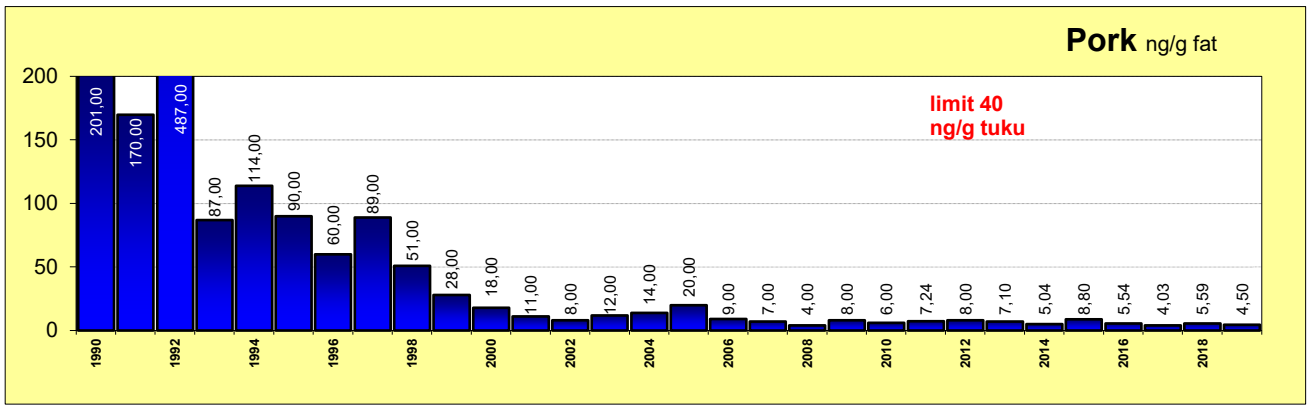




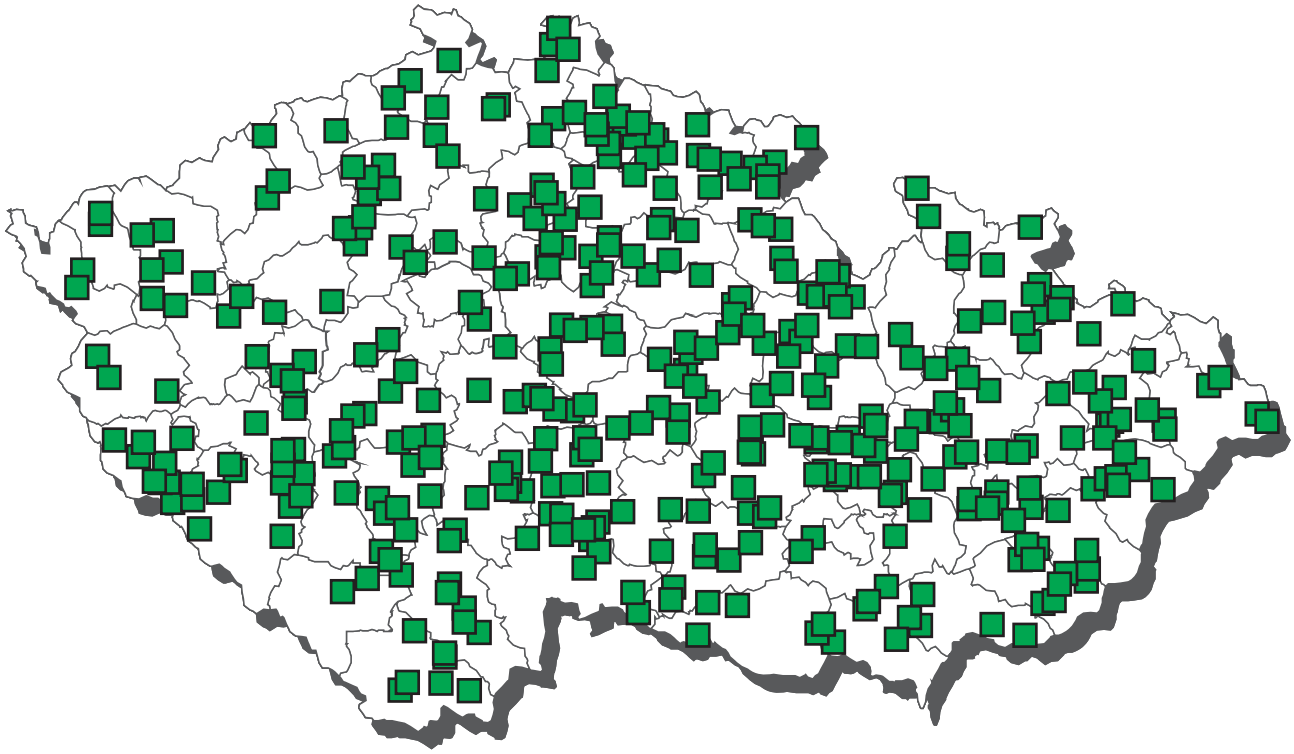


The average PCB sum content in foodstuffs and raw materials

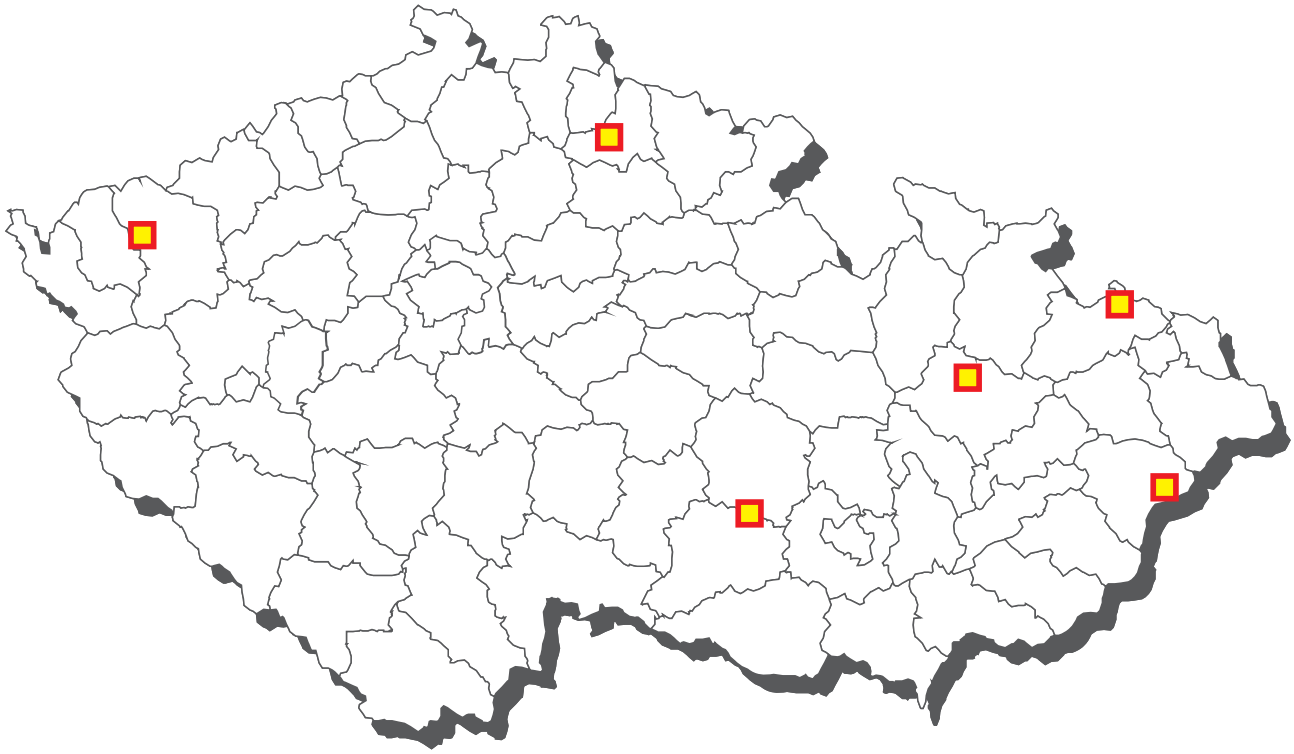




CL 2019 - sampling of cows



Cows - non-compliant results 2019



cadmium - kidney

cows - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-19-nortestosterone	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	chlortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	methyltestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	norclostebol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	16	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	16	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	16	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	20	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	16	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	16	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	16	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	81	0	0,0	0	0,0	10,18519	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	81	0	0,0	0	0,0	6,29630	n.d.	n.d.	10,00000	µg/kg
B1	dihydrostreptomycin	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	81	0	0,0	0	0,0	10,18519	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	florfenicol amin	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	81	0	0,0	0	0,0	10,18519	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	32	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	49	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	chlortetracycline	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	81	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	49	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	81	0	0,0	0	0,0	10,18519	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	32	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	spectinomycin	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	spiramycin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	49	0	0,0	0	0,0	11,07143	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg

cows - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfamethoxazole	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	81	0	0,0	0	0,0	11,04938	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	32	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	32	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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 (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	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	oxfendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	cypermethrin	12	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	12	0	0,0	0	0,0	0,00182	n.d.	n.d.	0,00250	mg/kg
B2c	lambda-cyhalothrin	12	0	0,0	0	0,0	0,00110	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	12	0	0,0	0	0,0	0,00333	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	12	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00429	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	12	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00500	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	3	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	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	3	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	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	3	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	0,00042	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	DDT (sum)	34	5	14,7	0	0,0	0,00150	n.d.	0,00270	0,01400	mg/kg
B3a	endosulfan (sum)	34	0	0,0	0	0,0	0,00054	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	34	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	34	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	34	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	34	1	2,9	0	0,0	0,00039	n.d.	n.d.	0,00400	mg/kg
B3a	chlordan	34	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	34	0	0,0	0	0,0	3,73235	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	27	1	3,7	0	0,0	0,00389	n.d.	n.d.	0,02000	mg/kg
B3c	cadmium	27	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c	lead	27	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	27	9	33,3	0	0,0	0,00044	n.d.	0,00064	0,00110	mg/kg

cows - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	32	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	32	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	32	0	0	0	0	0
B1	cefalexin	MRL - 200 µg/kg	32	0	0	0	0	0
B1	cefquinom	MRL - 50 µg/kg	32	0	0	0	0	0
B1	ceftiofur	MRL - 1000 µg/kg	32	0	0	0	0	0
B1	cephapirin	MRL - 50 µg/kg	32	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	32	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	81	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	32	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	32	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	81	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	32	0	0	0	0	0
B1	florfenicol	MRL - 200 µg/kg	32	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	81	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	32	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	32	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	32	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	81	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	32	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	32	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	32	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	32	0	0	0	0	0
B1	spiramycin	MRL - 200 µg/kg	32	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	32	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	32	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	32	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	32	0	0	0	0	0
B2a	albendazole (sum)	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 (sum)	MRL - 50 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	oxyclozanide	MRL - 20 µg/kg	9	0	0	0	0	0
B2a	rafoxanid	MRL - 30 µg/kg	9	0	0	0	0	0
B2a	triclabendazole (sum)	MRL - 225 µg/kg	9	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	12	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	12	0	0	0	0	0
B2c	cypermethrin	MRL - 2 mg/kg	12	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	12	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,5 mg/kg	12	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	methomyl	MRL - 0,01 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	metamizol	MRL - 100 µg/kg	3	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	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	DDT (sum)	MRL - 1 mg/kg	34	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	34	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%
B3a endrin	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	34	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	33	0	1	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	34	0	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 lead	ML - 0,1 mg/kg	27	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	27	0	0	0	0	0

cows - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1 dienoestrol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1 diethylstilbestrol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1 hexoestrol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 brombuterol	22	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5 carbuterol	22	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5 cimaterol	22	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5 clencyclohexerol	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 clenhexerol	22	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenisopenterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenpenterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenproperol	22	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 fenoterol	22	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5 formoterol	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5 isoxsuprine	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 labetalol	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 mabuterol	22	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5 mapenterol	22	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5 orciprenaline (metaprotenerol)	22	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5 pirbuterol	22	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5 ractopamin	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 ritodrin	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 salbutamol	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 salmeterol	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 sotalol	22	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5 terbutalin	22	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5 tulobuterol	22	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5 zilpaterol	22	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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	2	2,5	0	0,0	13,85062	n.d.	n.d.	168,00000	µg/kg
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	1,37500	n.d.	n.d.	2,50000	µg/kg
B2b diclazuril	12	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	12	0	0,0	0	0,0	1,37500	n.d.	n.d.	2,50000	µg/kg
B2b lasalocid	12	0	0,0	0	0,0	1,62500	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	1,37500	n.d.	n.d.	2,50000	µg/kg
B2b narasin	12	0	0,0	0	0,0	1,37500	n.d.	n.d.	2,50000	µg/kg
B2b nicarbazin	12	0	0,0	0	0,0	1,37500	n.d.	n.d.	2,50000	µg/kg
B2b robenidin	12	0	0,0	0	0,0	1,37500	n.d.	n.d.	2,50000	µg/kg

cows - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b salinomycin	12	0	0,0	0	0,0	1,37500	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 diazinone	9	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg/kg
B3b chlorpyrifos	9	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos-methyl	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	0,00228	n.d.	n.d.	0,00250	mg/kg
B3b phorate	9	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00350	mg/kg
B3b pyrimiphosmethyl	9	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg/kg
B3c cadmium	27	27	100,0	0	0,0	0,08537	0,06900	0,15700	0,21100	mg/kg
B3c lead	27	17	63,0	0	0,0	0,01504	0,01000	0,03000	0,05000	mg/kg
B3c mercury	27	25	92,6	0	0,0	0,00200	0,00170	0,00364	0,00700	mg/kg
B3d aflatoxin B2	12	0	0,0	0	0,0	0,04583	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	12	0	0,0	0	0,0	0,09583	n.d.	n.d.	0,15000	µg/kg

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	12	0	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 robenidin	ML - 50 µg/kg	12	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	12	0	0	0	0	0
B3b diazinone	MRL - 0,02 mg/kg	9	0	0	0	0	0
B3b chlorpyrifos-methyl	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3b malathion	MRL - 0,02 mg/kg	9	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	9	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	27	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	27	0	0	0	0	0
B3c mercury	MRL - 0,02 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	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substances	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 tetracyclines	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d acepromazine	13	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d azaperol	13	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d azaperone	13	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/kg
B2d carazolol	13	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d haloperidol	13	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B2d haloperidol - metabolite	13	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d chlorpromazine	13	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2d propionylpromazine	13	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d xylazine	13	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c cadmium	27	27	100,0	**3**	**11,1**	0,49919	0,45200	0,98400	1,29000	mg/kg
B3c lead	27	23	85,2	0	0,0	0,03493	0,03000	0,06000	0,11600	mg/kg
B3c mercury	27	27	100,0	0	0,0	0,00594	0,00400	0,01044	0,01890	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	18	5	1	**3**	0	0
B3c lead	ML - 0,5 mg/kg	27	0	0	0	0	0
B3c mercury	MRL - 0,02 mg/kg	23	3	1	0	0	0

cows - kidney - monitoring - (continuation)

sampling date	cadas. district (sampling)	origin	value
cadmium			
28.01.2019	Karlovy Vary	Stará Role (okres Karlovy Vary)	1,206 mg/kg
25.07.2019	Olomouc	Mladějovice u Šternberka (ok. Olomouc)	1,29 mg/kg
06.06.2019	Žďár nad Sázavou	Dolní Heřmanice (ok. Žďár nad Sázavou)	1,269 mg/kg

cows - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	10	10	100,0	**5**	**50,0**	1,31800	1,14500	2,33720	2,87000	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	1	3	2	**1**	**2**

sampling date	cadas. district (sampling)	origin	value
cadmium			
15.02.2019	Kroměříž	Kobeřice ve Slezsku (okres Opava)	1,33 mg/kg
25.02.2019	Semily	Semily	2,278 mg/kg
25.02.2019	Semily	Semily	2,87 mg/kg
07.03.2019	Kroměříž	Kobeřice ve Slezsku (okres Opava)	1,18 mg/kg
10.04.2019	Zlín	Karolinka (okres Vsetín)	1,51 mg/kg

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 dienoestrol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1 diethylstilbestrol	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1 hexoestrol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A2 methylthiouracil	51	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2 propylthiouracil	51	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2 tapazole	51	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2 thiouracil	51	3	5,9	0	0,0	1,10000	n.d.	n.d.	8,50000	µg/l
A3 16-beta-hydroxy-stanozolol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3 17-alpha-19-nortestosterone	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 17-alfa-trenbolone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 17-beta-19-nortestosterone	24	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 17-beta-boldenone	24	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 17-beta-trenbolone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 beclometasone	7	0	0,0	0	0,0	1,80000	n.d.	n.d.	1,80000	µg/l
A3 betametasone	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3 dexamethasone	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 ethinylestradiol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3 flumetasone	7	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/l
A3 fluocinolone	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 fluorometolone	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3 chlortestosterone	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 methylboldenone	24	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3 methyltestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 metylprednisolone	7	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/l
A3 norclostebol	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 prednisolone	7	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/l
A3 prednison	7	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,45000	µg/l
A3 stanazolol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3 triamcinolone	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 alfa-zearalenol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 beta-zearalenol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 taleranol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A4 zearalanon	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	0,25000	n.d.	n.d.	0,25000	µg/l
A4 zeranol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5 brombuterol	18	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l

cows - urine - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	carbuterol	18	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	cimaterol	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	cimbuterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenbuterol	18	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l
A5	clencyclohexerol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenhexerol	18	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenisopenterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenpenterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	fenoterol	18	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A5	formoterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	hydroxymethylclenbuterol	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	0,03000	n.d.	n.d.	0,03000	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	0,10000	n.d.	n.d.	0,10000	µg/l
A5	mabuterol	18	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	mapenterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenaline (metaprotenerol)	18	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/l
A5	pirbuterol	18	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	ractopamin	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
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	0,20000	n.d.	n.d.	0,20000	µg/l
A5	salmeterol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	sotalol	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	terbutalin	18	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A5	tulobuterol	18	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	zilpaterol	18	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	chloramphenicol	40	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A4	zearalanon	AL - 0,3 µg/l	0	18	0	0	0	0
A4	zearalenone	AL - 0,4 µg/l	0	18	0	0	0	0
A4	zeranol	AL - 0,2 µg/l	0	18	0	0	0	0

cows - plasma - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	11	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	dimetridazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	HMMNI	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ipronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ipronidazole-OH	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	metronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	MNZOH	11	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	ornidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	secnidazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l

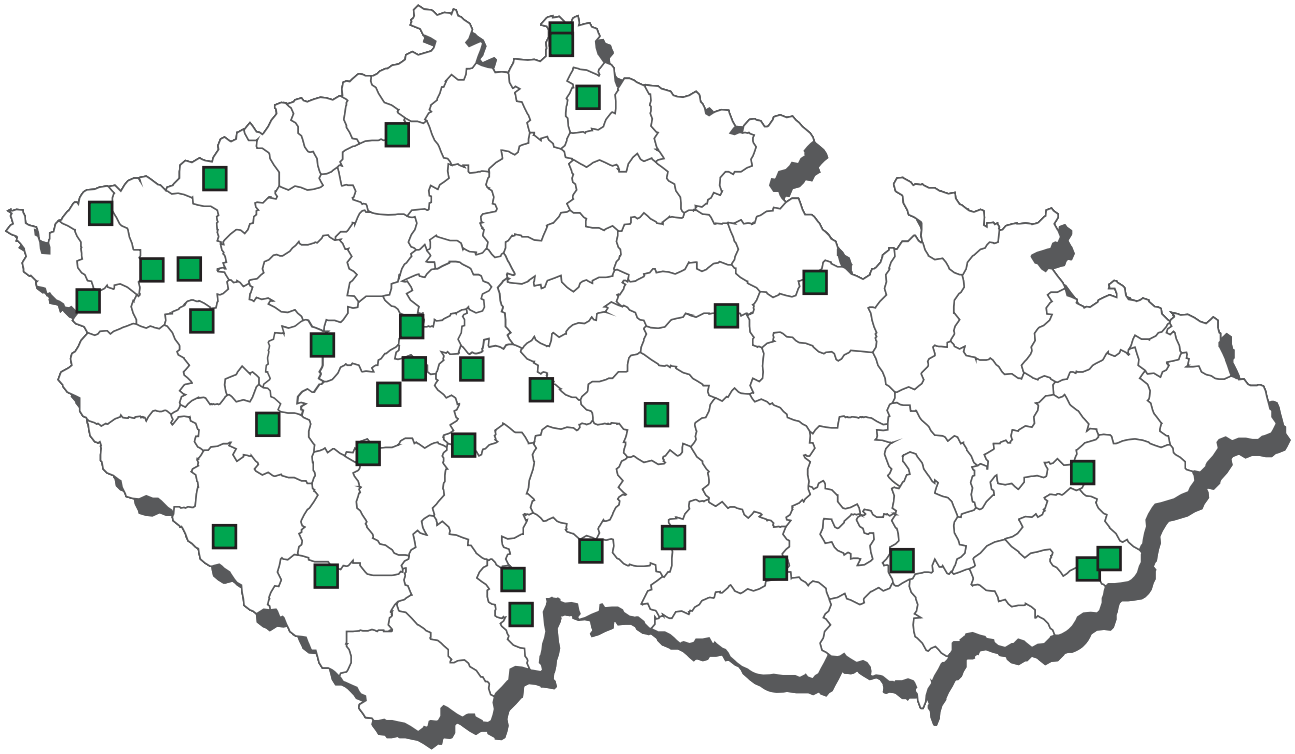
cows - hair - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	4	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	carbuterol	4	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	cimaterol	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	cimbuterol	4	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	clenbuterol	4	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	clencyclohexerol	4	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	clenhexerol	4	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	clenisopenterol	4	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	clenpenterol	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	clenproperol	4	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	hydroxymethylclenbuterol	4	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	chlorbrombuterol	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	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	labetalol	4	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	mabuterol	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	mapenterol	4	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	pirbuterol	4	0	0,0	0	0,0	1,70000	n.d.	n.d.	1,70000	µg/kg
A5	ractopamin	4	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	ritodrin	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	salbutamol	4	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A5	salmeterol	4	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A5	sotalol	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	terbutalin	4	0	0,0	0	0,0	2,60000	n.d.	n.d.	2,60000	µg/kg
A5	tulobuterol	4	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	zilpaterol	4	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg

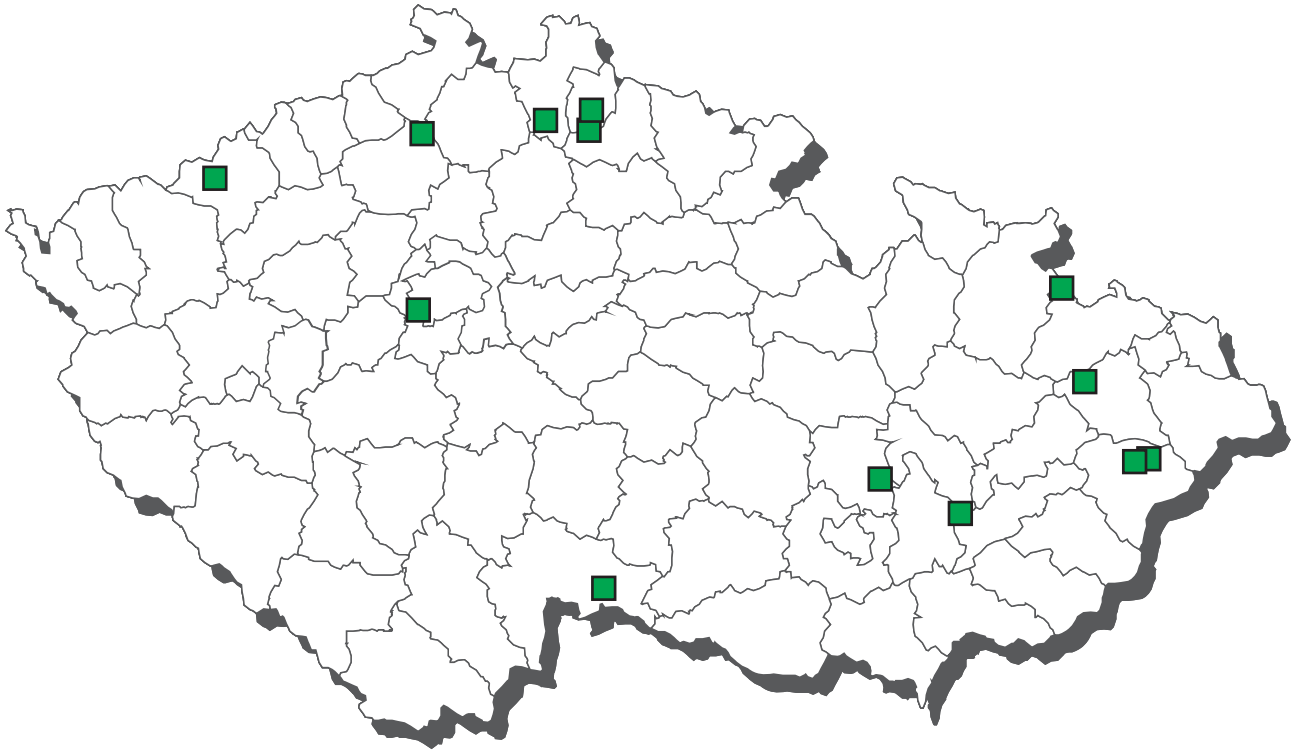
cows - fat - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-acetoxyprogesterone	6	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	altrenogest	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	chloromadinone acetate	6	0	0,0	0	0,0	0,85000	n.d.	n.d.	0,85000	µg/kg
A3	medroxyprogesterone ac.	6	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	megestrol acetate	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	melengestrol acetate	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

CL 2019 - sampling of sheep



CL 2019 - sampling of goats



sheep - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	7	0	0,0	0	0,0	7,85714	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	7	0	0,0	0	0,0	5,71429	n.d.	n.d.	10,00000	µg/kg
B1	dihydrostreptomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	7	0	0,0	0	0,0	7,85714	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	7	0	0,0	0	0,0	7,85714	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	3	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	4	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	chlortetracycline	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	neomycin (incl. framycetin)	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	spiramycin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	3	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	10,62500	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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	flubendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	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

sheep - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a	nitroxinil	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	oxibendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	1	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	0,00200	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	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	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00300	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00075	n.d.	n.d.	0,00100	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	0,00075	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)	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	DDT (sum)	2	1	50,0	0	0,0	0,00325	0,00325	0,00545	0,00600	mg/kg
B3a	endosulfan (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	gama-HCH (lindan)	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	hexachlorbenzen	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	sum PCB	2	1	50,0	0	0,0	8,94400	8,94400	12,49920	13,38800	ng/g fat
B3c	arsenic	3	0	0,0	0	0,0	0,00333	n.d.	n.d.	0,00500	mg/kg
B3c	cadmium	3	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c	lead	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	3	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	3	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	3	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	3	0	0	0	0	0
B1	ceftiofur	MRL - 1000 µg/kg	3	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	3	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	7	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	3	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	3	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	7	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	3	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	7	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	3	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	3	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	3	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	3	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	3	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	3	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	3	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	7	0	0	0	0	0

sheep - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfachlorpyridazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	3	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	3	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	3	0	0	0	0	0
B2a	albendazole (sum)	MRL - 100 µg/kg	1	0	0	0	0	0
B2a	closantel	MRL - 1500 µg/kg	1	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	nitroxinil	MRL - 400 µg/kg	1	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	oxyclozanide	MRL - 20 µg/kg	1	0	0	0	0	0
B2a	rafoxanid	MRL - 100 µg/kg	1	0	0	0	0	0
B2a	triclabendazole (sum)	MRL - 225 µg/kg	1	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	cypermethrin	MRL - 2 mg/kg	2	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	2	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,5 mg/kg	2	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	methomyl	MRL - 0,01 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	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	DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	2	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	2	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	3	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	3	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	3	0	0	0	0	0
B3c	mercury	MRL - 0,01 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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg

sheep - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	labetalol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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 substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	7	0	0,0	0	0,0	11,42857	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	2,50000	n.d.	n.d.	2,50000	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	2,50000	n.d.	n.d.	2,50000	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	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	diazinone	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/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	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	0,00350	n.d.	n.d.	0,00350	mg/kg
B3b	pyrimiphosmethyl	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c	cadmium	3	3	100,0	0	0,0	0,12300	0,14200	0,14680	0,14800	mg/kg
B3c	lead	3	2	66,7	0	0,0	0,03167	0,03000	0,05400	0,06000	mg/kg
B3c	mercury	3	3	100,0	0	0,0	0,00163	0,00150	0,00222	0,00240	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	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	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',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'-TetraBDE	3	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	sum PCB	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3f	WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,59467	0,56800	0,74160	0,78500	pg/g
B3f	WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,25100	0,26700	0,27020	0,27100	pg/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 maduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B2b narasin	ML - 50 µg/kg	1	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	1	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	1	0	0	0	0
B3b diazinone	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b chlorpyrifos-methyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3b malathion	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	3	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	3	0	0	0	0	0
B3c mercury	MRL - 0,02 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
B3f WHO-PCDD/F-PCB-TEQ	ML - 2 pg/g	3	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 1,25 pg/g	3	0	0	0	0	0

sheep - liver - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	1	1	100,0	0	0,0	0,02100	0,02100	0,02100	0,02100	mg/kg

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

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 substances	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	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d azaperol	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d azaperone	1	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/kg
B2d carazolol	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d haloperidol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B2d haloperidol - metabolite	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d chlorpromazine	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2d propionylpromazine	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d xylazine	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c cadmium	3	3	100,0	0	0,0	0,69733	0,86900	0,94020	0,95800	mg/kg
B3c lead	3	2	66,7	0	0,0	0,05167	0,03000	0,10200	0,12000	mg/kg
B3c mercury	3	3	100,0	0	0,0	0,00623	0,00400	0,01032	0,01190	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	2	0	0	0
B3c lead	ML - 0,5 mg/kg	3	0	0	0	0	0
B3c mercury	MRL - 0,02 mg/kg	2	1	0	0	0	0

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	dienoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	hexoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A2	methylthiouracil	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	propylthiouracil	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	tapazole	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	thiouracil	2	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A3	ethinylestradiol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A4	zearalanon	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	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l

sheep -hair - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoate	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	nortestosterone benzoate	1	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A3	nortestosterone cypionate	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	nortestosterone decanoate	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A3	nortestosterone phenylpropionate	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	nortestosterone propionate	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	testosterone benzoate	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	testosterone cypionate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	testosterone decanoate	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	testosterone enanthate	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone phenylpropionate	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	testosterone isocaproate	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone propionate	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	chlorbrombuterol	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	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	1,70000	n.d.	n.d.	1,70000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	2,60000	n.d.	n.d.	2,60000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg

sheep - fat - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-acetoxyprogesterone	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	altrenogest	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	chloromadinone acetate	1	0	0,0	0	0,0	0,85000	n.d.	n.d.	0,85000	µg/kg
A3	medroxyprogesterone ac.	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	megestrol acetate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	melengestrol acetate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

goats - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
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	benzylpenicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	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	danofloxacin	4	0	0,0	0	0,0	15,00000	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	4	0	0,0	0	0,0	7,50000	n.d.	n.d.	10,00000	µg/kg
B1	dihydrostreptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	4	0	0,0	0	0,0	15,00000	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	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	3	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	chlortetracycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
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	oxytetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	4	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	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	3	0	0,0	0	0,0	11,66667	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	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	sulfadimidine	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	sulfachlorpyridazine	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	sulfamethoxazole	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	tetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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 (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	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	oxfendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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

goats - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a	rafoxanid	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
B3a	aldrin, dieldrin (sum)	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	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	endosulfan (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	gama-HCH (lindan)	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	hexachlorbenzen	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	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	lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00080	0,00080	0,00080	0,00080	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ceftiofur	MRL - 1000 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	4	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	4	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	1	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	4	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	1	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	1	0	0	0	0	0
B2a	albendazole (sum)	MRL - 100 µg/kg	1	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	oxyclozanide	MRL - 20 µg/kg	1	0	0	0	0	0
B2a	triclabendazole	MRL - 225 µg/kg	1	0	0	0	0	0
B2a	triclabendazole (sum)	MRL - 225 µg/kg	1	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	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	DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,05 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	AL - 0,05 mg/kg	1	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c	mercury	MRL - 0,01 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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	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 substances	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	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
B3b	diazinone	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/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	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	0,00350	n.d.	n.d.	0,00350	mg/kg
B3b	pyrimiphosmethyl	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c	cadmium	1	1	100,0	0	0,0	0,00500	0,00500	0,00500	0,00500	mg/kg
B3c	lead	1	1	100,0	0	0,0	0,10000	0,10000	0,10000	0,10000	mg/kg
B3c	mercury	1	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00020	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 - 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	maduramicin	ML - 2 µg/kg	1	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	1	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	1	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	1	0	0	0	0	0
B3b	diazinone	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b	chlorpyrifos-methyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3b	malathion	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b	phorate	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3c	cadmium	AL - 0,5 mg/kg	1	0	0	0	0	0
B3c	lead	AL - 0,5 mg/kg	1	0	0	0	0	0
B3c	mercury	MRL - 0,02 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 - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substances	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2d	acepromazine	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	azaperol	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	azaperone	1	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/kg
B2d	carazolol	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	haloperidol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B2d	haloperidol - metabolite	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	chlorpromazine	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2d	propionylpromazine	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	xylazine	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	1	1	100,0	0	0,0	0,00500	0,00500	0,00500	0,00500	mg/kg
B3c	lead	1	1	100,0	0	0,0	0,10000	0,10000	0,10000	0,10000	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00280	0,00280	0,00280	0,00280	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c	cadmium	AL - 1 mg/kg	1	0	0	0	0	0
B3c	lead	AL - 0,5 mg/kg	1	0	0	0	0	0
B3c	mercury	MRL - 0,02 mg/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	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A2	methylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	propylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	tapazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	thiouracil	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A3	beclometasone	1	0	0,0	0	0,0	1,80000	n.d.	n.d.	1,80000	µg/l
A3	betametasone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	dexamethasone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	ethinylestradiol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	flumetasone	1	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/l
A3	fluocinolone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	fluorometolone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolone	1	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/l
A3	prednisolone	1	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/l
A3	prednison	1	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,45000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A4	zearalanon	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	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l

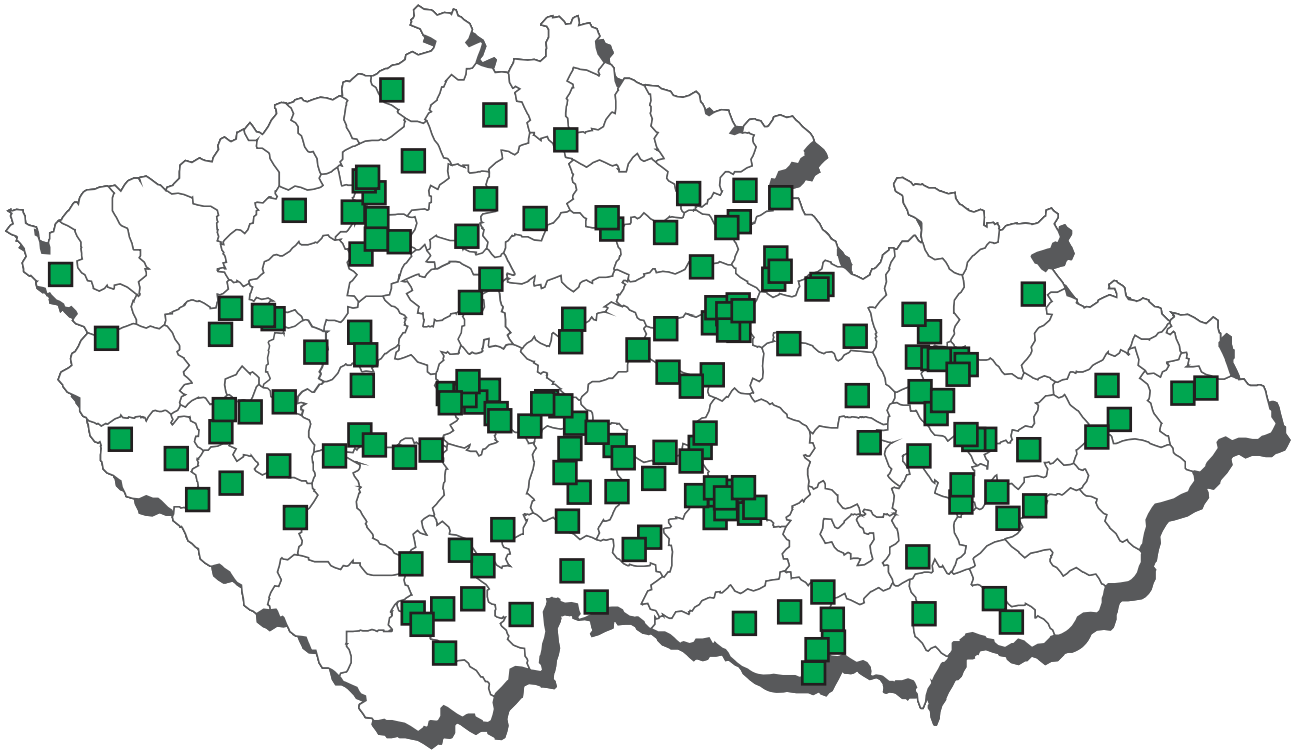
goats - hair - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoate	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	nortestosterone benzoate	1	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A3	nortestosterone cypionate	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	nortestosterone decanoate	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A3	nortestosterone phenylpropionate	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	nortestosterone propionate	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	testosterone benzoate	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	testosterone cypionate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	testosterone decanoate	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	testosterone enanthate	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone phenylpropionate	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	testosterone isocaproate	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone propionate	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	chlorbrombuterol	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	0,80000	n.d.	n.d.	0,80000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	1,70000	n.d.	n.d.	1,70000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	2,60000	n.d.	n.d.	2,60000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/kg

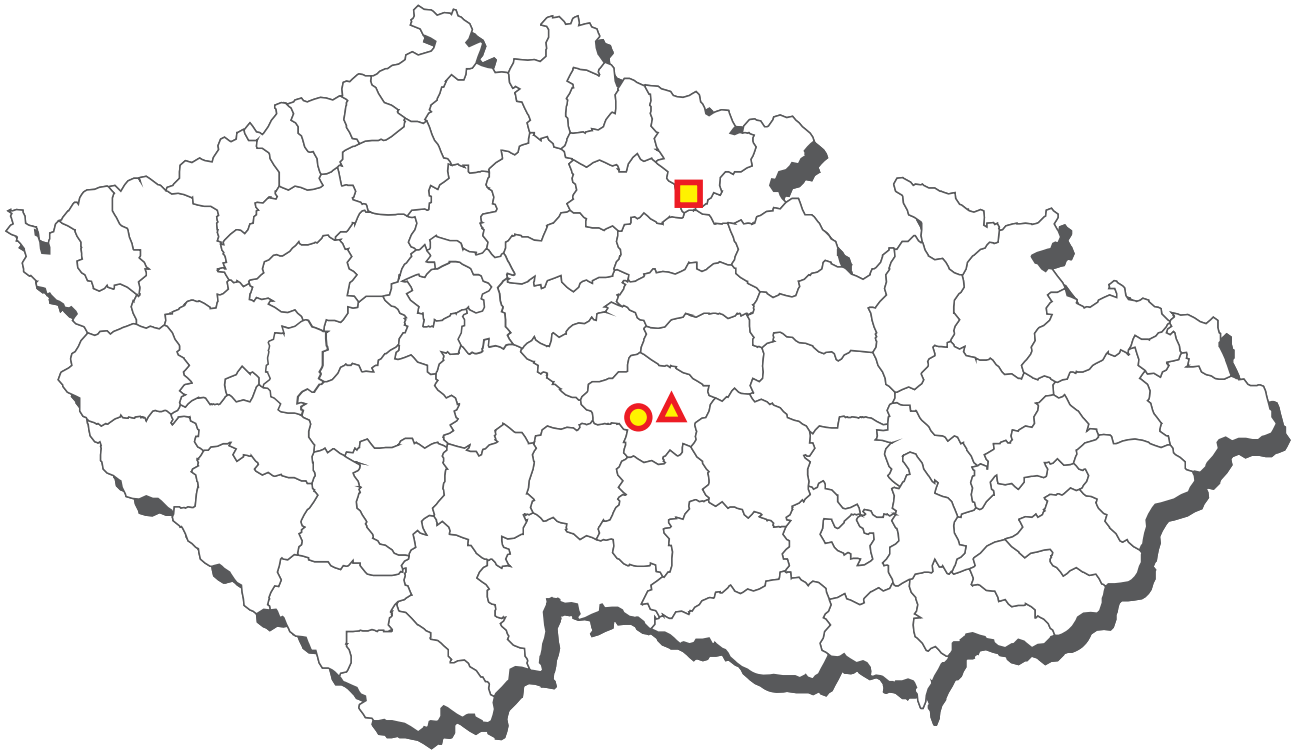
goats - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-acetoxyprogesterone	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	altrenogest	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	chloromadinone acetate	1	0	0,0	0	0,0	0,85000	n.d.	n.d.	0,85000	µg/kg
A3	medroxyprogesterone ac.	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	megestrol acetate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	melengestrol acetate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

CL 2019 - sampling of pigs



Pigs - non-compliant results 2019



17-beta-19-nortestosterone - urine

benzylpenicillin - kidney

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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	30	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	20	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	30	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	142	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	30	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	8-alfa-hydroxy-mutilin	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	amoxicilin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ciprofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	160	0	0,0	0	0,0	11,87500	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	160	0	0,0	0	0,0	11,87500	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	160	0	0,0	0	0,0	11,87500	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	160	0	0,0	0	0,0	11,87500	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	62	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	98	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	chlortetracycline	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	160	0	0,0	0	0,0	11,87500	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	macrolides	98	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	160	1	0,6	0	0,0	12,00621	n.d.	n.d.	28,00000	µg/kg
B1	nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	neomycin (incl. framycetin)	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxacilin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spectinomycin	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	spiramycin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	98	1	1,0	0	0,0	11,58776	n.d.	n.d.	30,60000	µg/kg
B1	sulfadiazine	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg

pigs - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfamerazine	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	160	0	0,0	0	0,0	11,12500	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	63	0	0,0	0	0,0	5,31746	n.d.	n.d.	25,00000	µg/kg
B1	tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	62	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	62	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	160	0	0,0	0	0,0	7,57813	n.d.	n.d.	12,50000	µg/kg
B2a	albendazole (sum)	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	clorsulon	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	closantel	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	fenbendazole (sum)	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (sum)	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	mebendazole (sum)	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	nitroxinil	8	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	8,82609	n.d.	n.d.	25,00000	µg/kg
B2a	oxibendazole	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	praziquantel	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	8	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole (sum)	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	85	0	0,0	0	0,0	0,00199	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	85	0	0,0	0	0,0	0,00156	n.d.	n.d.	0,00250	mg/kg
B2c	cypermethrin	85	0	0,0	0	0,0	0,00130	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	85	0	0,0	0	0,0	0,00126	n.d.	n.d.	0,00250	mg/kg
B2c	lambda-cyhalothrin	85	0	0,0	0	0,0	0,00074	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	85	0	0,0	0	0,0	0,00293	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	85	0	0,0	0	0,0	0,00230	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	85	0	0,0	0	0,0	0,00325	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	85	0	0,0	0	0,0	0,00230	n.d.	n.d.	0,00500	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	20	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	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	20	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	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	20	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	3-methylquinoxaline-2-carboxylic ac	10	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,12500	µg/kg
B2f	desoxy-carbadox	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	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	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	107	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	107	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	107	3	2,8	0	0,0	0,00058	n.d.	n.d.	0,00600	mg/kg
B3a	endosulfan (sum)	107	0	0,0	0	0,0	0,00053	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	107	0	0,0	0	0,0	0,00012	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	107	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	107	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	107	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	107	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	107	0	0,0	0	0,0	4,06822	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	50	1	2,0	0	0,0	0,00326	n.d.	n.d.	0,00800	mg/kg

pigs - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c	cadmium	50	1	2,0	0	0,0	0,00216	n.d.	n.d.	0,00500	mg/kg
B3c	lead	50	1	2,0	0	0,0	0,00510	n.d.	n.d.	0,01000	mg/kg
B3c	mercury	50	19	38,0	0	0,0	0,00057	n.d.	0,00080	0,00700	mg/kg
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	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',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'-TetraBDE	3	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	sum PCB	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3f	WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,40600	0,40800	0,40880	0,40900	pg/g fat
B3f	WHO-PCDD/F-TEQ	3	2	66,7	0	0,0	0,30300	0,36200	0,36520	0,36600	pg/g fat

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	8-alfa-hydroxy-mutilin	MRL - 100 µg/kg	62	0	0	0	0	0
B1	amoxicilin	MRL - 50 µg/kg	62	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	62	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	62	0	0	0	0	0
B1	cefquinom	MRL - 50 µg/kg	62	0	0	0	0	0
B1	ceftiofur	MRL - 1000 µg/kg	62	0	0	0	0	0
B1	ciprofloxacin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	62	0	0	0	0	0
B1	danofloxacin	MRL - 100 µg/kg	160	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	62	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	160	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	62	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	62	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	160	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	62	0	0	0	0	0
B1	florfenicol	MRL - 300 µg/kg	62	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	160	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	62	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	62	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	160	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	62	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	161	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	62	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	62	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	62	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	62	0	0	0	0	0
B1	spiramycin	MRL - 250 µg/kg	62	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	62	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	63	0	0	0	0	0
B1	tiamulin	MRL - 100 µg/kg	62	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	62	0	0	0	0	0
B1	tulathromycin	MRL - 800 µg/kg	62	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	62	0	0	0	0	0
B1	valnemulin	MRL - 50 µg/kg	160	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	8	0	0	0	0	0
B2a	flubendazole (sum)	MRL - 50 µg/kg	8	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	8	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	23	0	0	0	0	0
B2a	oxibendazole	MRL - 100 µg/kg	8	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	85	0	0	0	0	0

pigs - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c	carbofuran	MRL - 0,01 mg/kg	85	0	0	0	0	0
B2c	cypermethrin	MRL - 2 mg/kg	85	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	85	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,5 mg/kg	85	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c	methomyl	MRL - 0,01 mg/kg	85	0	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	50	0	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	metamizol	MRL - 100 µg/kg	20	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	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	DDT (sum)	MRL - 1 mg/kg	107	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	107	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	107	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	107	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	lead	ML - 0,1 mg/kg	50	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	49	1	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 1,25 pg/g fat	3	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 1 pg/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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-alpha-19-nortestosterone	10	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	17-beta-19-nortestosterone	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-boldenone	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	ethinylestradiol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	chlortestosterone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	methyltestosterone	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	brombuterol	70	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	70	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	70	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	70	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	70	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	70	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	70	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	70	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	70	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	70	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg

pigs - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	ractopamin	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	70	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	70	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	70	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	70	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B1	8-alfa-hydroxy-mutilin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
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	benzylpenicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ciprofloxacin	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	danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dicloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	1	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	doxycycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	1	0	0,0	0	0,0	25,00000	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	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	marbofloxacin	1	1	100,0	0	0,0	50,50000	50,50000	82,90000	91,00000	µg/kg
B1	nalidixic acid	1	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	norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spectinomycin	1	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	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	160	1	0,6	0	0,0	11,93563	n.d.	n.d.	29,70000	µg/kg
B1	sulfadiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimethoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimidine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamerazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxydiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfaquinoxaline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfathiazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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

pigs - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	2,59013	n.d.	n.d.	9,44000	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	diclazuril	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	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	1	3,3	0	0,0	1,37667	n.d.	n.d.	3,30000	µg/kg
B2b	semduramicin	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	diazinone	30	0	0,0	0	0,0	0,00132	n.d.	n.d.	0,00150	mg/kg
B3b	chlorpyrifos	30	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	30	0	0,0	0	0,0	0,00163	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	30	0	0,0	0	0,0	0,00232	n.d.	n.d.	0,00250	mg/kg
B3b	phorate	30	0	0,0	0	0,0	0,00255	n.d.	n.d.	0,00350	mg/kg
B3b	pyrimiphosmethyl	30	0	0,0	0	0,0	0,00132	n.d.	n.d.	0,00150	mg/kg
B3c	cadmium	50	50	100,0	0	0,0	0,04654	0,03350	0,09680	0,19900	mg/kg
B3c	lead	50	13	26,0	0	0,0	0,00890	n.d.	0,02000	0,06800	mg/kg
B3c	mercury	50	37	74,0	0	0,0	0,00190	0,00100	0,00424	0,01600	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

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ceftiofur	MRL - 2000 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1	doxycycline	MRL - 300 µg/kg	1	0	0	0	0	0
B1	gentamycin	MRL - 200 µg/kg	1	0	0	0	0	0
B1	chlortetracycline	MRL - 300 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 5500 µg/kg	1	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	oxytetracyklin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1	tetracyklin	MRL - 300 µg/kg	1	0	0	0	0	0
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	77	0	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	maduramicin	ML - 2 µg/kg	30	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	30	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	30	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	30	0	0	0	0	0
B3b	diazinone	MRL - 0,02 mg/kg	30	0	0	0	0	0
B3b	chlorpyrifos-methyl	MRL - 0,05 mg/kg	30	0	0	0	0	0
B3b	malathion	MRL - 0,02 mg/kg	30	0	0	0	0	0
B3b	phorate	MRL - 0,02 mg/kg	30	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	50	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3c	mercury	MRL - 0,02 mg/kg	48	1	1	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		1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	8-alfa-hydroxy-mutilin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	aminoglycosides	160	4	2,5	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	benzylpenicilin	1	1	100,0	1	100,0	931,00000	931,00000	931,00000	931,00000	µg/kg
B1	betalactams	160	4	2,5	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ciprofloxacin	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	danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dicloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	1	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	doxycycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	marbofloxacin	1	1	100,0	0	0,0	10,00000	10,00000	10,00000	10,00000	µg/kg
B1	nalidixic acid	1	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	norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	Novobiocin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	pefloxacin	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 substances	160	4	2,5	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spectinomycin	1	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	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	sulfadiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimethoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimidine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamerazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxydiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfaquinoxaline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfathiazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	160	4	2,5	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	acepromazine	35	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	azaperol	35	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	azaperone	35	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/kg
B2d	carazolol	35	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	haloperidol	35	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B2d	haloperidol - metabolite	35	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	chlorpromazine	35	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2d	propionylpromazine	35	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	xylazine	35	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

pigs - kidney - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	50	50	100,0	0	0,0	0,18426	0,14950	0,34340	0,72200	mg/kg
B3c lead	50	13	26,0	0	0,0	0,00950	n.d.	0,01450	0,05800	mg/kg
B3c mercury	50	48	96,0	1	2,0	0,00634	0,00295	0,01411	0,04750	mg/kg
B3d ochratoxin A	15	4	26,7	0	0,0	0,34667	n.d.	1,34000	1,97000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 amoxicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1 ampicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1 benzylpenicilin	MRL - 50 µg/kg	0	0	0	0	0	1
B1 cefquinom	MRL - 200 µg/kg	1	0	0	0	0	0
B1 ceftiofur	MRL - 6000 µg/kg	1	0	0	0	0	0
B1 cloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1 desfuroylceftiofur	MRL - 6000 µg/kg	1	0	0	0	0	0
B1 dicloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1 dihydrostreptomycin	MRL - 1000 µg/kg	1	0	0	0	0	0
B1 doxycycline	MRL - 600 µg/kg	1	0	0	0	0	0
B1 gentamycin	MRL - 750 µg/kg	1	0	0	0	0	0
B1 chlortetracycline	MRL - 600 µg/kg	1	0	0	0	0	0
B1 lincomycin	MRL - 1500 µg/kg	1	0	0	0	0	0
B1 neomycin (incl. framycetin)	MRL - 9000 µg/kg	1	0	0	0	0	0
B1 oxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1 oxytetracyklin	MRL - 600 µg/kg	1	0	0	0	0	0
B1 spectinomycin	MRL - 5000 µg/kg	1	0	0	0	0	0
B1 streptomycin	MRL - 1000 µg/kg	1	0	0	0	0	0
B1 tetracyklin	MRL - 600 µg/kg	1	0	0	0	0	0
B2d acepromazine	AL - 6 µg/kg	0	35	0	0	0	0
B2d azaperol	MRL - 50 µg/kg	35	0	0	0	0	0
B2d carazolol	MRL - 25 µg/kg	35	0	0	0	0	0
B2d haloperidol	AL - 4 µg/kg	35	0	0	0	0	0
B2d haloperidol - metabolite	AL - 10 µg/kg	35	0	0	0	0	0
B2d chlorpromazine	AL - 5 µg/kg	0	35	0	0	0	0
B2d propionylpromazine	AL - 10 µg/kg	35	0	0	0	0	0
B2d xylazine	AL - 3 µg/kg	35	0	0	0	0	0
B3c cadmium	ML - 1 mg/kg	48	2	0	0	0	0
B3c lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3c mercury	MRL - 0,02 mg/kg	43	2	1	1*	2*	1
B3d ochratoxin A	AL - 10 µg/kg	15	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

sampling date	cadastral district (sampling)	origin	value
benzylpenicilin			
17.10.2019	Havlíčkův Brod	Olešnice u Okrouhlice	931 µg/kg
mercury			
22.05.2019	Havlíčkův Brod	Kojetín u Havlíčkova Brodu	0,0475 mg/kg

pigs - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	2	2	100,0	0	0,0	0,54250	0,54250	0,65650	0,68500	mg/kg
B3c mercury	2	2	100,0	1	50,0	0,04920	0,04920	0,06064	0,06350	mg/kg
B3c lead	2	2	100,0	0	0,0	0,01150	0,01150	0,01190	0,01200	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	1	0	0	0	0
B3c mercury	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	2	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
mercury			
11.12.2019	Havlíčkův Brod	Kojetín u Havlíčkova Brodu	0,0635 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	dienoestrol	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	diethylstilbestrol	14	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	hexoestrol	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A2	methylthiouracil	48	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	propylthiouracil	48	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	tapazole	48	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	thiouracil	48	1	2,1	0	0,0	0,83646	n.d.	n.d.	4,90000	µg/l
A3	16-beta-hydroxy-stanozolol	25	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3	17-alpha-19-nortestosterone	71	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	17-alfa-trenbolone	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-beta-19-nortestosterone	71	1	1,4	**1**	**1,4**	0,42958	n.d.	n.d.	20,00000	µg/l
A3	17-beta-boldenone	71	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-trenbolone	13	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	beclometasone	40	0	0,0	0	0,0	1,80000	n.d.	n.d.	1,80000	µg/l
A3	betametasone	40	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	dexamethasone	40	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	ethinylestradiol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	flumetasone	40	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/l
A3	fluocinolone	40	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	fluorometolone	40	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	chlortestosterone	71	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	methylboldenone	71	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	methyltestosterone	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	metylprednisolone	40	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/l
A3	norclostebol	71	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	prednisolone	40	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/l
A3	prednison	40	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,45000	µg/l
A3	stanazolol	25	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A3	triamcinolone	40	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	alfa-zearalenol	37	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	37	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	37	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A4	zearalanon	37	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	37	2	5,4	0	0,0	0,53649	n.d.	n.d.	5,60000	µg/l
A4	zeranol	37	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	5	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	carbuterol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	cimaterol	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	cimbuterol	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	0,03000	n.d.	n.d.	0,03000	µg/l
A5	clencyclohexerol	5	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenhexerol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A5	clenisopenterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenpenterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	fenoterol	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A5	formoterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	hydroxymethylclenbuterol	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	0,03000	n.d.	n.d.	0,03000	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	0,10000	n.d.	n.d.	0,10000	µg/l
A5	mabuterol	5	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	mapenterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenaline (metaprotenerol)	5	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/l
A5	pirbuterol	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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	0,20000	n.d.	n.d.	0,20000	µg/l
A5	salmeterol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	sotalol	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	terbutalin	5	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A5	tulobuterol	5	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	zilpaterol	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	chloramphenicol	28	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l

sampling date	cadastral district (sampling)	origin	value
17-beta-19-nortestosterone			
27.05.2019	Náchod	Doubravice u Dvora Králové	20 µg/l

pigs - plasma - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol acetate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	estradiol benzoate	4	0	0,0	0	0,0	0,01500	n.d.	n.d.	0,01500	µg/l
A3	estradiol cypionate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	estradiol enanthate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	estradiol valerate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	nortestosterone benzoate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	nortestosterone cypionate	4	0	0,0	0	0,0	0,01500	n.d.	n.d.	0,01500	µg/l
A3	nortestosterone decanoate	4	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l
A3	nortestosterone phenylpropionate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	nortestosterone propionate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone benzoate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone cypionate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone decanoate	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	µg/l
A3	testosterone enanthate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone phenylpropionate	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	µg/l
A3	testosterone isocaproate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A3	testosterone propionate	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg/l
A6	carnidazole	46	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	dimetridazole	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	HMMNI	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	chloramphenicol	10	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg/l
A6	ipronidazole	46	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ipronidazole-OH	46	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	metronidazole	46	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	MNZOH	46	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	ornidazole	46	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ronidazole	46	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	secnidazole	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazole	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazole	46	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l

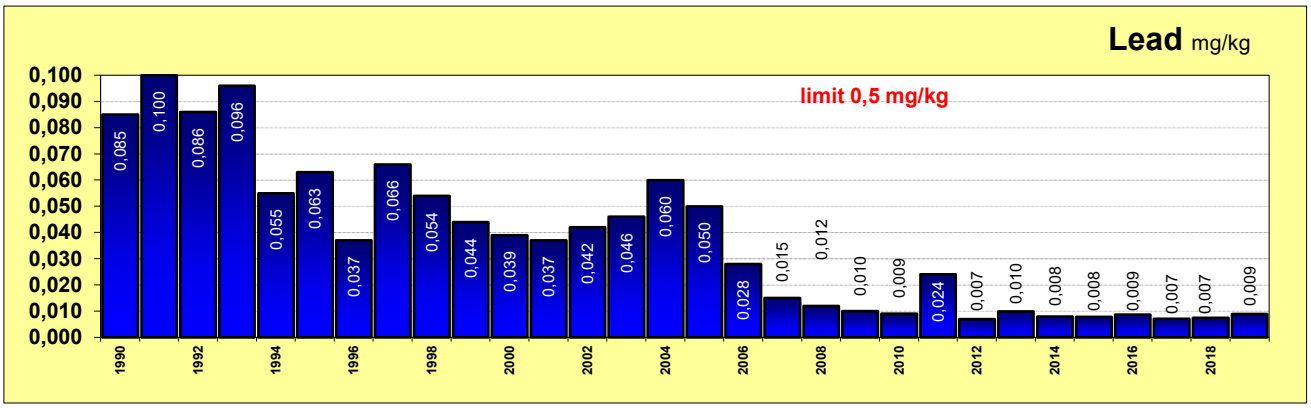
pigs - hair - monitoring

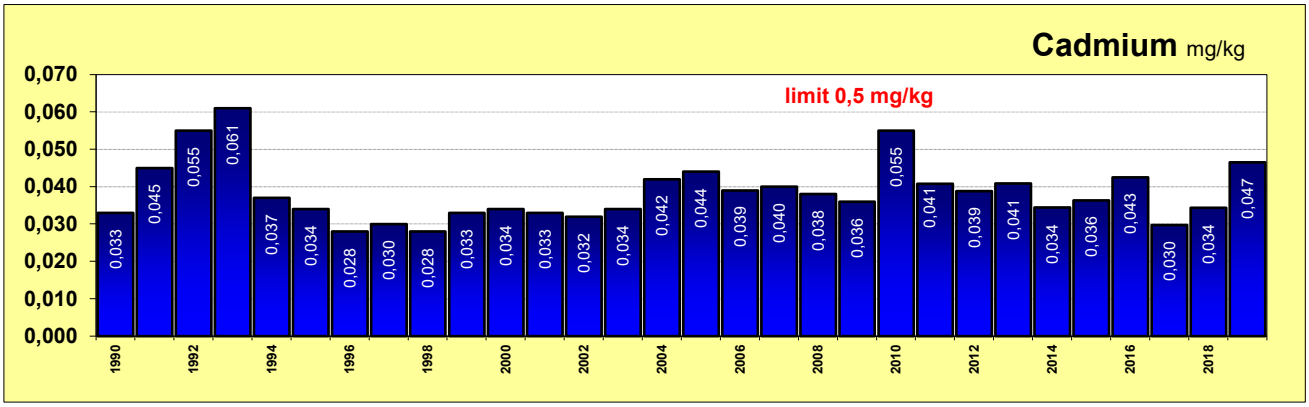
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	estradiol benzoate	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	nortestosterone benzoate	5	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A3	nortestosterone cypionate	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	nortestosterone decanoate	5	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A3	nortestosterone phenylpropionate	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	nortestosterone propionate	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A3	testosterone benzoate	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	testosterone cypionate	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	testosterone decanoate	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	testosterone enanthate	5	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone phenylpropionate	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
A3	testosterone isocaproate	5	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/kg
A3	testosterone propionate	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg

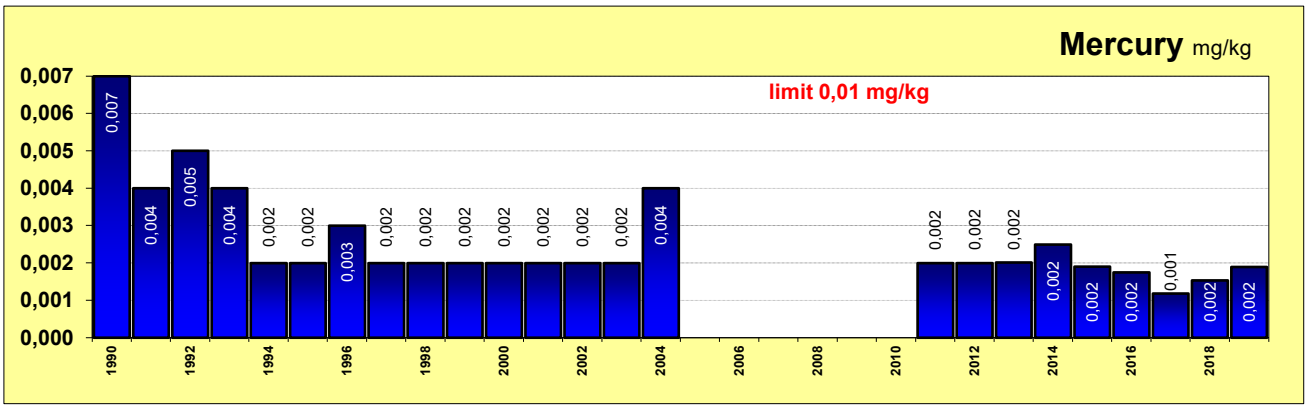
pigs - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-acetoxyprogesterone	51	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	altrenogest	51	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	chloromadinone acetate	51	0	0,0	0	0,0	0,85000	n.d.	n.d.	0,85000	µg/kg
A3	medroxyprogesterone ac.	51	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	megestrol acetate	51	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	melengestrol acetate	51	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

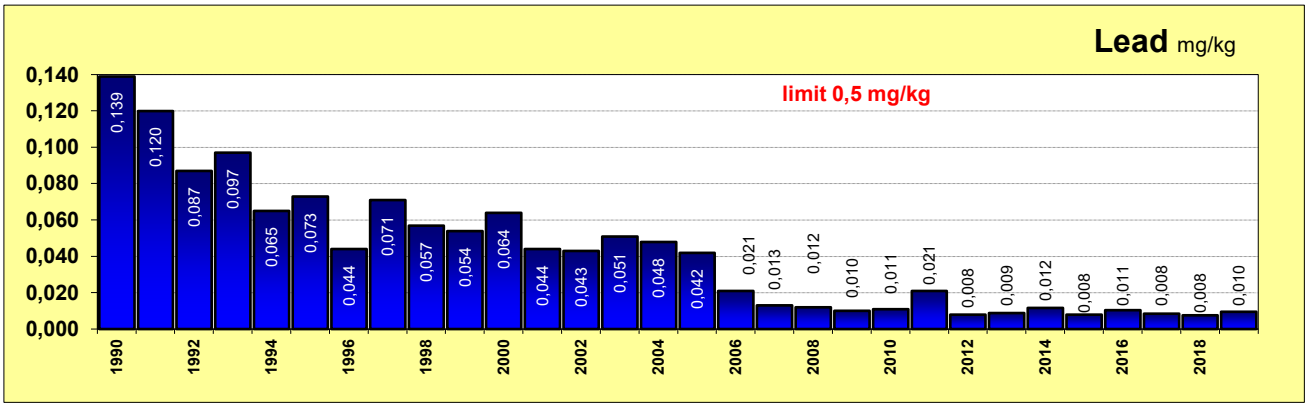
The average content of contaminants in the liver of pigs

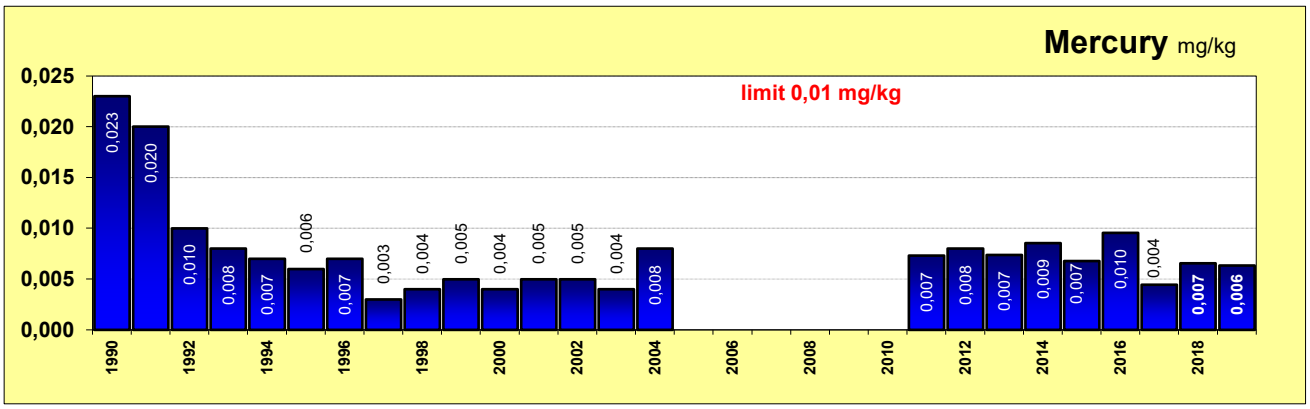


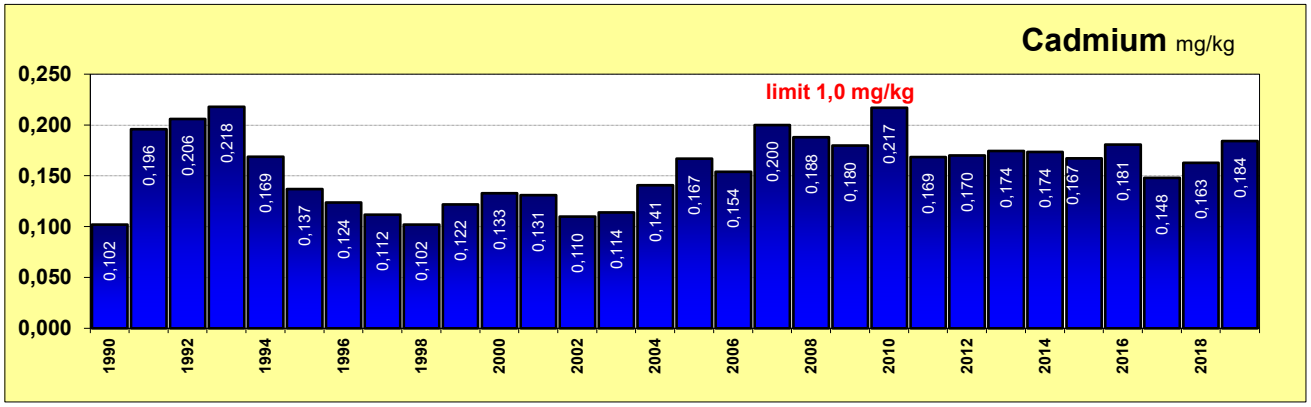




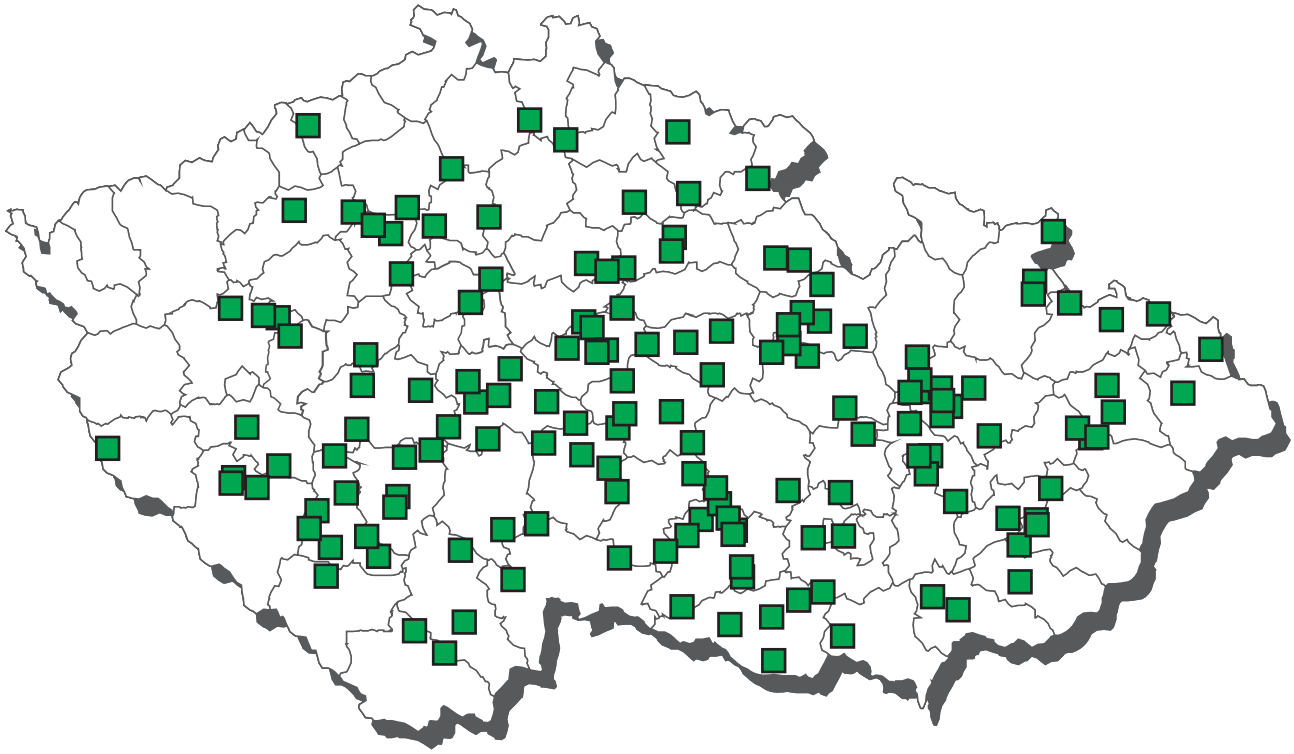
The average content of contaminants in the kidney of pigs







CL 2019 - sampling of sows



Sows - non-compliant results 2019

streptomicins - liver, dihydrostreptomycin - liver and kidney

ATB-screening - kidney

sows - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	8-alfa-hydroxy-mutilin	98	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	aminoglycosides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	amoxicilin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	215	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ciprofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	215	0	0,0	0	0,0	10,86047	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	215	0	0,0	0	0,0	10,86047	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	98	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	216	2	0,9	0	0,0	10,97222	n.d.	n.d.	30,00000	µg/kg
B1	erythromycin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	98	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	215	0	0,0	0	0,0	10,86047	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	98	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	117	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	215	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	97	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	215	0	0,0	0	0,0	10,86047	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	98	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	macrolides	117	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	215	0	0,0	0	0,0	10,86047	n.d.	n.d.	25,00000	µg/kg
B1	nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	neomycin (incl. framycetin)	98	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxacilin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	215	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spiramycin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	98	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	117	0	0,0	0	0,0	11,34615	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	215	0	0,0	0	0,0	10,44186	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	215	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	99	0	0,0	0	0,0	5,10101	n.d.	n.d.	15,00000	µg/kg
B1	tilmicosin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	98	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	98	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	215	0	0,0	0	0,0	7,19767	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	8-alfa-hydroxy-mutilin	MRL - 100 µg/kg	98	0	0	0	0	0
B1	amoxicilin	MRL - 50 µg/kg	98	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	98	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	98	0	0	0	0	0
B1	cefquinom	MRL - 50 µg/kg	98	0	0	0	0	0
B1	ceftiofur	MRL - 1000 µg/kg	98	0	0	0	0	0
B1	ciprofloxacin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	98	0	0	0	0	0

sows - 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	215	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	98	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	215	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	98	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	98	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	216	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	98	0	0	0	0	0
B1	florfenicol	MRL - 300 µg/kg	98	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	215	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	98	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	97	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	215	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	98	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	215	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	98	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	98	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	98	0	0	0	0	0
B1	spiramycin	MRL - 250 µg/kg	98	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	98	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	215	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	215	0	0	0	0	0
B1	tetracyklin	MRL - 100 µg/kg	98	0	0	0	0	0
B1	tiamulin	MRL - 100 µg/kg	99	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	98	0	0	0	0	0
B1	tulathromycin	MRL - 800 µg/kg	98	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	98	0	0	0	0	0
B1	valnemulin	MRL - 50 µg/kg	215	0	0	0	0	0

sows - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	8-alfa-hydroxy-mutilin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	aminoglycosides	6	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	apramycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	benzylpenicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	215	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ciprofloxacin	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	danofloxacin	2	0	0,0	0	0,0	15,00000	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	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	2	1	50,0	1	50,0	2590,00000	2590,00000	4642,00000	5155,00000	µg/kg
B1	doxycycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	3	2	66,7	0	0,0	45,00000	25,00000	85,00000	100,00000	µg/kg
B1	erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	1	0	0,0	0	0,0	25,00000	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	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	215	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	chlortetracycline	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	lincomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

sows - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	macrolides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	neomycin (incl. framycetin)	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	paromomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	215	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spectinomycin	1	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	streptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	215	4	1,9	**1**	**0,5**	21,94140	n.d.	n.d.	2000,00000	µg/kg
B1	sulfadiazine	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	215	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	2	0	0,0	0	0,0	8,75000	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	amoxicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ceftiofur	MRL - 2000 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	1	0	0	0	0	**1**
B1	doxycycline	MRL - 300 µg/kg	1	0	0	0	0	0
B1	gentamycin	MRL - 200 µg/kg	2	0	0	0	0	0
B1	chlortetracycline	MRL - 300 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 500 µg/kg	2	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 5500 µg/kg	2	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	oxytetracyklin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	2	0	0	0	0	0
B1	tetracyklin	MRL - 300 µg/kg	1	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
dihydrostreptomycin			
04.06.2019	Třebíč	Valdíkov (okres Třebíč)	5155 µg/kg
streptomycines			
04.06.2019	Třebíč	Valdíkov (okres Třebíč)	2000 µg/kg

sows - kidney - monitoring

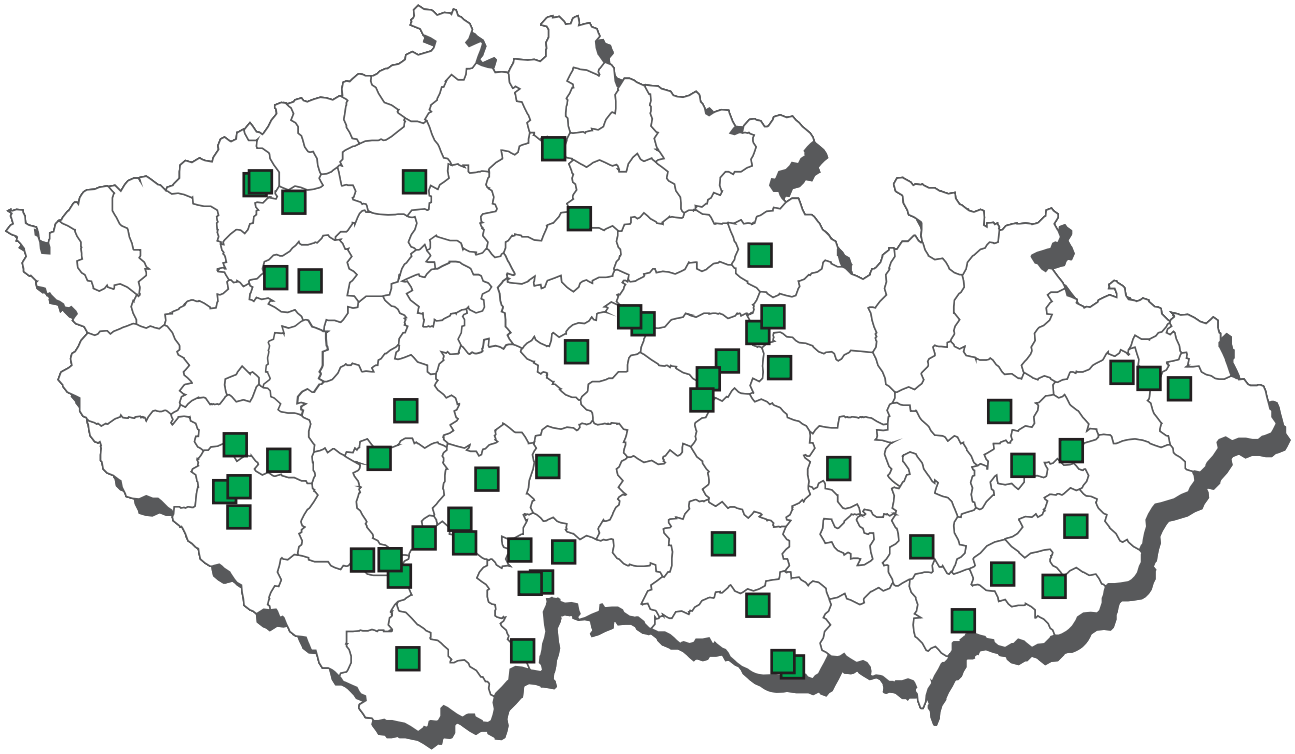
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	8-alfa-hydroxy-mutilin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	aminoglycosides	215	1	0,5	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	amoxicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	apramycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	ATB-screening	1	1	100,0	**1**	**100,0**	0,00000	0,00000	0,00000	qualit.	#
B1	benzylpenicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	215	1	0,5	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefoperazon	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ciprofloxacin	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	danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	desfuroylceftiofur	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	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dihydrostreptomycin	2	1	50,0	**1**	**50,0**	2722,00000	2722,00000	4879,60000	5419,00000	µg/kg
B1	doxycycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	2	2	100,0	0	0,0	74,00000	74,00000	125,20000	138,00000	µg/kg
B1	erythromycin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	florfenicol amin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	1	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	chlortetracycline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lincomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	marbofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	neomycin (incl. framycetin)	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	paromomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	215	1	0,5	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spectinomycin	1	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	streptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimethoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimidine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamerazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxydiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfaquinoxaline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfathiazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	215	1	0,5	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

sows - kidney - monitoring - (continuation)

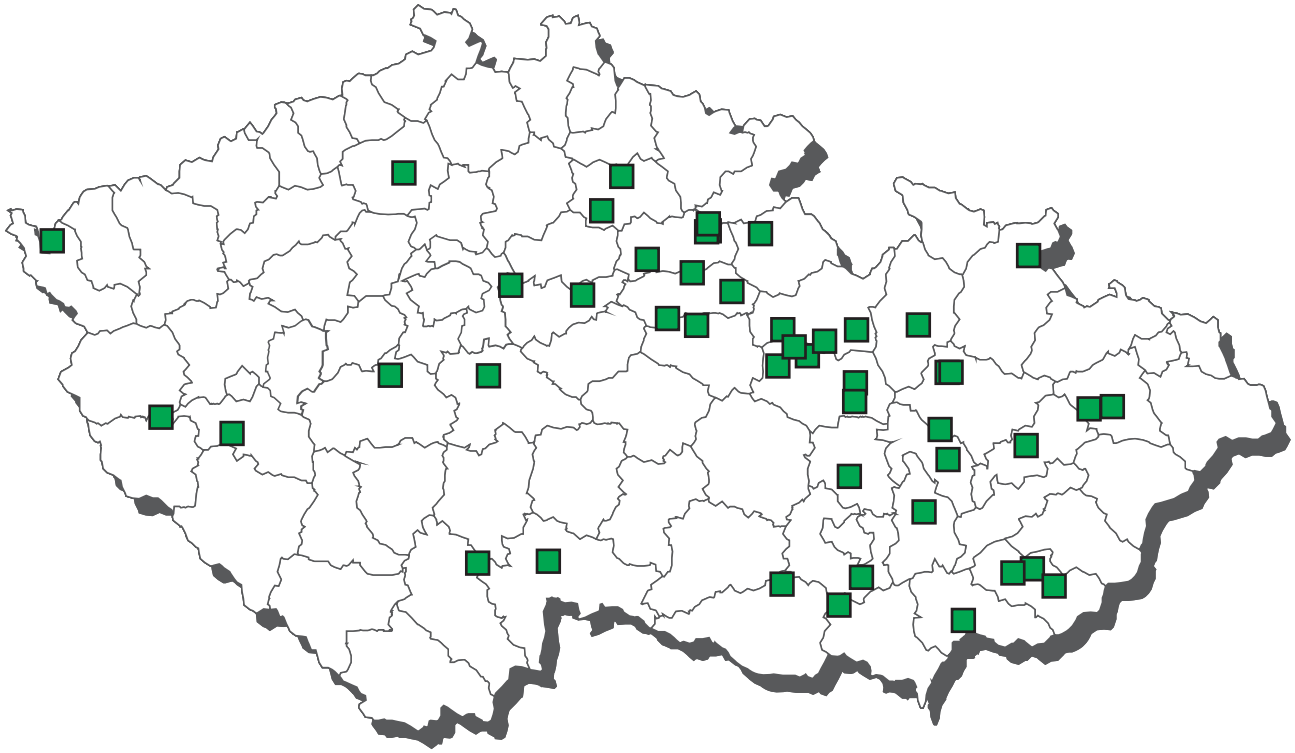
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	cefquinom	MRL - 200 µg/kg	1	0	0	0	0	0
B1	ceftiofur	MRL - 6000 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	desfuroylceftiofur	MRL - 6000 µg/kg	1	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 1000 µg/kg	1	0	0	0	0	1
B1	doxycycline	MRL - 600 µg/kg	1	0	0	0	0	0
B1	gentamycin	MRL - 750 µg/kg	2	0	0	0	0	0
B1	chlortetracycline	MRL - 600 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 1500 µg/kg	2	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 9000 µg/kg	2	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	oxytetracyklin	MRL - 600 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 1000 µg/kg	2	0	0	0	0	0
B1	tetracyklin	MRL - 600 µg/kg	1	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
ATB-screening			
30.10.2019	Plzeň-jih	Osek u Vodokrt (okres Plzeň)	
dihydrostreptomycin			
04.06.2019	Třebíč	Valdíkov (okres Třebíč)	5419 µg/kg

CL 2019 - sampling of chicken



CL 2019 - sampling of hens



chicken - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A2	methylthiouracil	15	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	propylthiouracil	15	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	tapazole	15	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	thiouracil	15	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	17-alpha-19-nortestosterone	14	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	14	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-trenbolone	13	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	chlortestosterone	14	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	14	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	methyltestosterone	8	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	norclostebol	14	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	beta-zearalenol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	taleranol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zearalanon	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zeranol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AHD	30	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	30	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	11	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	8	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	30	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	110	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	11	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	30	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	11	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	8-alfa-hydroxy-mutilin	52	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	amoxicilin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	110	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	110	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	52	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	110	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	52	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	110	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	52	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	58	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	quinolones	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	110	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	52	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	58	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	110	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg

chicken - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	neomycin (incl. framycetin)	52	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sarafloxacin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	spectinomycin	52	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	spiramycin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	52	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	58	2	3,4	0	0,0	12,45690	n.d.	n.d.	29,30000	µg/kg
B1	sulfadiazine	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	110	0	0,0	0	0,0	10,27273	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	52	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	110	0	0,0	0	0,0	8,00000	n.d.	n.d.	12,50000	µg/kg
B2a	albendazole (sum)	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole (sum)	10	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	3,26087	n.d.	n.d.	5,00000	µg/kg
B2a	mebendazole (sum)	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	rafoxanid	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	triclabendazole (sum)	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	26	0	0,0	0	0,0	0,00187	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	26	0	0,0	0	0,0	0,00163	n.d.	n.d.	0,00250	mg/kg
B2c	cypermethrin	26	0	0,0	0	0,0	0,00115	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	26	0	0,0	0	0,0	0,00111	n.d.	n.d.	0,00250	mg/kg
B2c	lambda-cyhalothrin	26	0	0,0	0	0,0	0,00064	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	26	0	0,0	0	0,0	0,00292	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	26	0	0,0	0	0,0	0,00246	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	26	0	0,0	0	0,0	0,00304	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	26	0	0,0	0	0,0	0,00246	n.d.	n.d.	0,00500	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	5	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	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	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	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	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)	21	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	21	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	21	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	21	0	0,0	0	0,0	0,00055	n.d.	n.d.	0,00060	mg/kg
B3a	endosulfan (sum)	21	0	0,0	0	0,0	0,00055	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	21	0	0,0	0	0,0	0,00012	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	21	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	21	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	21	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	21	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	21	0	0,0	0	0,0	2,40000	n.d.	n.d.	4,50000	ng/g fat

chicken - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c	arsenic	16	6	37,5	0	0,0	0,00950	n.d.	0,02850	0,04300	mg/kg
B3c	cadmium	16	0	0,0	0	0,0	0,00231	n.d.	n.d.	0,00250	mg/kg
B3c	lead	16	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	16	7	43,8	0	0,0	0,00059	n.d.	0,00125	0,00150	mg/kg
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	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',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'-TetraBDE	3	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	sum PCB	3	0	0,0	0	0,0	1,70000	n.d.	n.d.	4,50000	ng/g fat
B3f	WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,15077	0,02480	0,32816	0,40400	pg/g fat
B3f	WHO-PCDD/F-TEQ	3	2	66,7	0	0,0	0,13088	0,02090	0,29378	0,36200	pg/g fat

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	8-alfa-hydroxy-mutilin	MRL - 100 µg/kg	52	0	0	0	0	0
B1	amoxicilin	MRL - 50 µg/kg	52	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	52	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	52	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	52	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	110	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	52	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	110	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	52	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	110	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	52	0	0	0	0	0
B1	florfenicol	MRL - 100 µg/kg	52	0	0	0	0	0
B1	florfenicol amin	MRL - 100 µg/kg	52	0	0	0	0	0
B1	flumequine	MRL - 400 µg/kg	110	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	52	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	110	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	52	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	52	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	52	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	52	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	52	0	0	0	0	0
B1	spiramycin	MRL - 200 µg/kg	52	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	110	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	110	0	0	0	0	0
B1	tetracyklin	MRL - 100 µg/kg	52	0	0	0	0	0
B1	tiamulin	MRL - 100 µg/kg	52	0	0	0	0	0
B1	tilmicosin	MRL - 75 µg/kg	52	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	52	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	10	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	23	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	10	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	26	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	26	0	0	0	0	0
B2c	cypermethrin	MRL - 0,1 mg/kg	26	0	0	0	0	0
B2c	deltamethrin	MRL - 0,02 mg/kg	26	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,02 mg/kg	26	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	26	0	0	0	0	0
B2c	methomyl	MRL - 0,01 mg/kg	26	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	26	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	26	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	21	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	21	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	21	0	0	0	0	0

chicken - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	MRL - 1 mg/kg	21	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	21	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	21	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	21	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	21	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	21	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	21	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	21	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	16	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	16	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	16	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	16	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 3 pg/g fat	3	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 1,75 pg/g fat	3	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1 dienoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1 diethylstilbestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1 hexoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4 alfa-zearalenol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4 beta-zearalenol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4 taleranol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4 zearalenone	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 zeranol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 brombuterol	18	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5 carbuterol	18	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5 cimaterol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 cimbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	18	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A5 clencyclohexerol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 clenhexerol	18	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenisopenterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenpenterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenproperol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 fenoterol	18	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5 formoterol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 hydroxymethylclenbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	18	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5 isoxsuprine	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 labetalol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 mabuterol	18	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5 mapenterol	18	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5 orciprenaline (metaprotenerol)	18	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5 pirbuterol	18	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5 ractopamin	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 ritodrin	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 salbutamol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 salmeterol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 sotalol	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5 terbutalin	18	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5 tulobuterol	18	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5 zilpaterol	18	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B1 aminoglycosides	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 betalactams	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 residues of inhibitory substances	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1 streptomycines	110	3	2,7	0	0,0	12,91273	n.d.	n.d.	45,60000	µg/kg
B1 tetracyclines	110	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2a abamectin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a doramectin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a ivermectin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a moxidectin	10	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b decoquinat	54	0	0,0	0	0,0	1,05556	n.d.	n.d.	2,50000	µg/kg

chicken - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b diclazuril	54	1	1,9	0	0,0	1,67593	n.d.	n.d.	10,50000	µg/kg
B2b halofuginone	54	0	0,0	0	0,0	1,05556	n.d.	n.d.	2,50000	µg/kg
B2b lasalocid	54	0	0,0	0	0,0	1,91667	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	54	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b monensin	54	0	0,0	0	0,0	1,55556	n.d.	n.d.	2,50000	µg/kg
B2b narasin	54	3	5,6	0	0,0	1,90370	n.d.	n.d.	9,80000	µg/kg
B2b nicarbazin	54	41	75,9	0	0,0	260,64722	7,99000	95,16700	9494,30000	µg/kg
B2b robenidin	54	1	1,9	0	0,0	1,68889	n.d.	n.d.	8,20000	µg/kg
B2b salinomycin	54	0	0,0	0	0,0	1,55556	n.d.	n.d.	2,50000	µg/kg
B2b semduramicin	54	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c cadmium	16	16	100,0	0	0,0	0,01356	0,01350	0,01950	0,02500	mg/kg
B3c lead	16	1	6,3	0	0,0	0,00594	n.d.	n.d.	0,02000	mg/kg
B3c mercury	16	12	75,0	0	0,0	0,00098	0,00090	0,00190	0,00260	mg/kg
B3d aflatoxin B2	20	0	0,0	0	0,0	0,05750	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	20	0	0,0	0	0,0	0,11000	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	54	0	0	0	0	0
B2b diclazuril	MRL - 1500 µg/kg	54	0	0	0	0	0
B2b lasalocid	MRL - 300 µg/kg	54	0	0	0	0	0
B2b maduramicin	MRL - 150 µg/kg	54	0	0	0	0	0
B2b narasin	MRL - 50 µg/kg	54	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	16	0	0	0	0	0
B3c lead	ML - 0,5 mg/kg	16	0	0	0	0	0
B3c mercury	MRL - 0,02 mg/kg	16	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	20	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	20	0	0	0	0	0

chicken - plasma - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 carnidazole	30	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6 dimetridazole	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6 HMMNI	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6 ipronidazole	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6 ipronidazole-OH	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6 metronidazole	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6 MNZOH	30	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6 ornidazole	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6 ronidazole	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6 secnidazole	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6 ternidazole	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6 tinidazole	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l

chicken - feather - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 carnidazole	39	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
A6 dimetridazole	39	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6 HMMNI	39	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
A6 ipronidazole	39	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6 ipronidazole-OH	39	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6 metronidazole	39	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6 MNZOH	39	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
A6 ornidazole	39	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6 ronidazole	39	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6 secnidazole	39	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6 ternidazole	39	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6 tinidazole	39	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

hens - muscle - 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/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A2	methylthiouracil	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	propylthiouracil	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	tapazole	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	thiouracil	4	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	17-alpha-19-nortestosterone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-trenbolone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	chlortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	norclostebol	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zearalanon	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AHD	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	5	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	5	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	5	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	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	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	oxolinic acid	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	7	2	28,6	0	0,0	17,34286	n.d.	29,22000	30,60000	µg/kg
B1	sulfadiazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	valnemulin	7	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	5	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	carbofuran	5	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg

hens - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2c cypermethrin	5	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c deltamethrin	5	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c lambda-cyhalothrin	5	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c methiocarb	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c methomyl	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c permethrin	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	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)	5	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00030	mg/kg
B3a alfa-HCH	5	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a beta-HCH	5	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a DDT (sum)	5	0	0,0	0	0,0	0,00060	n.d.	n.d.	0,00060	mg/kg
B3a endosulfan (sum)	5	0	0,0	0	0,0	0,00070	n.d.	n.d.	0,00070	mg/kg
B3a endrin	5	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a gama-HCH (lindan)	5	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a heptachlor	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	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a chlordan	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	5	0	0,0	0	0,0	2,46000	n.d.	n.d.	3,00000	ng/g fat
B3c arsenic	5	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c cadmium	5	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c lead	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c mercury	5	2	40,0	0	0,0	0,00034	n.d.	0,00056	0,00060	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	0	0	0	0	0
B2c carbofuran	MRL - 0,01 mg/kg	5	0	0	0	0	0
B2c cypermethrin	MRL - 0,1 mg/kg	5	0	0	0	0	0
B2c deltamethrin	MRL - 0,02 mg/kg	5	0	0	0	0	0
B2c lambda-cyhalothrin	MRL - 0,02 mg/kg	5	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	5	0	0	0	0	0
B2c methomyl	MRL - 0,01 mg/kg	0	5	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	5	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a aldrin, dieldrin (sum)	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 DDT (sum)	MRL - 1 mg/kg	5	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	5	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	5	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	5	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	5	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	5	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	5	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	5	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	2	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	cimbuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	2	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	2	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	2	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	2	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	2	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	2	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	2	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	2	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B2a	abamectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	coumaphos	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/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	ivermectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	17	0	0,0	0	0,0	2,32353	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	17	0	0,0	0	0,0	2,32353	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	17	0	0,0	0	0,0	2,32353	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	17	0	0,0	0	0,0	2,41176	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	17	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	17	0	0,0	0	0,0	2,32353	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	17	0	0,0	0	0,0	2,32353	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	17	2	11,8	0	0,0	2,88059	n.d.	4,04800	8,10000	µg/kg
B2b	robenidin	17	0	0,0	0	0,0	2,32353	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	17	0	0,0	0	0,0	2,32353	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	17	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2c	bifenthrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	carbaryl	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	carbofuran	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	cyfluthrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	cypermethrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	fenpropathrin	12	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,00400	mg/kg
B2c	fenvalerát	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	pyridaben	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	lambda-cyhalothrin	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2f	amitraz	12	0	0,0	0	0,0	4,77500	n.d.	n.d.	4,77500	µg/kg
B3b	azinphos-ethyl	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	azinphos-methyl	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	diazinone	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	dichlorvos	12	0	0,0	0	0,0	0,00350	n.d.	n.d.	0,00350	mg/kg

hens - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3b dimethoate	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b ethion	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b etrimfos	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b fenitrothion	12	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3b fenthion	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b formothion	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos-methyl	12	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b malathion	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b methamidophos	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b omethoate	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b parathion	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b parathion-methyl	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b phosphamidon	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b sulfotep	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b triazophos	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b trichlorfon	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c cadmium	5	5	100,0	0	0,0	0,11740	0,12400	0,13560	0,14200	mg/kg
B3c lead	5	3	60,0	0	0,0	0,01200	0,01000	0,02200	0,03000	mg/kg
B3c mercury	5	3	60,0	0	0,0	0,00106	0,00050	0,00236	0,00300	mg/kg
B3d aflatoxin B2	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B3f cyromazine	12	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg/kg
B3f diflubenzuron	12	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg
B3f etoxazole	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f fipronil (sum of fip. + fip. supfon)	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3f flufenoxuron	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f pyriproxyfen	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f teflubenzuron	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f thiamethoxam	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	ML - 20 µg/kg	17	0	0	0	0	0
B2b diclazuril	ML - 40 µg/kg	17	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	17	0	0	0	0	0
B2b lasalocid	MRL - 300 µg/kg	17	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	17	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	17	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	17	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	17	0	0	0	0	0
B2c bifenthrin	MRL - 0,2 mg/kg	12	0	0	0	0	0
B2c carbaryl	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c carbofuran	MRL - 0,01 mg/kg	12	0	0	0	0	0
B2c cyfluthrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c cypermethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c deltamethrin	MRL - 0,02 mg/kg	12	0	0	0	0	0
B2c fenvalerát	MRL - 0,02 mg/kg	12	0	0	0	0	0
B2c permethrin	MRL - 0,02 mg/kg	12	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c pyridaben	MRL - 0,02 mg/kg	12	0	0	0	0	0
B3b azinphos-ethyl	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b azinphos-methyl	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b diazinone	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b ethion	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b fenitrothion	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b fenthion	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b formothion	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b chlorpyrifos	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b chlorpyrifos-methyl	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b malathion	MRL - 0,02 mg/kg	12	0	0	0	0	0
B3b methamidophos	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b parathion	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b parathion-methyl	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b triazophos	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b trichlorfon	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	5	0	0	0	0	0

hens - liver - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c	lead	ML - 0,5 mg/kg	5	0	0	0	0	0
B3c	mercury	MRL - 0,02 mg/kg	5	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
B3f	etoxazole	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3f	flufenoxuron	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3f	pyriproxyfen	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3f	teflubenzuron	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3f	thiamethoxam	MRL - 0,01 mg/kg	12	0	0	0	0	0

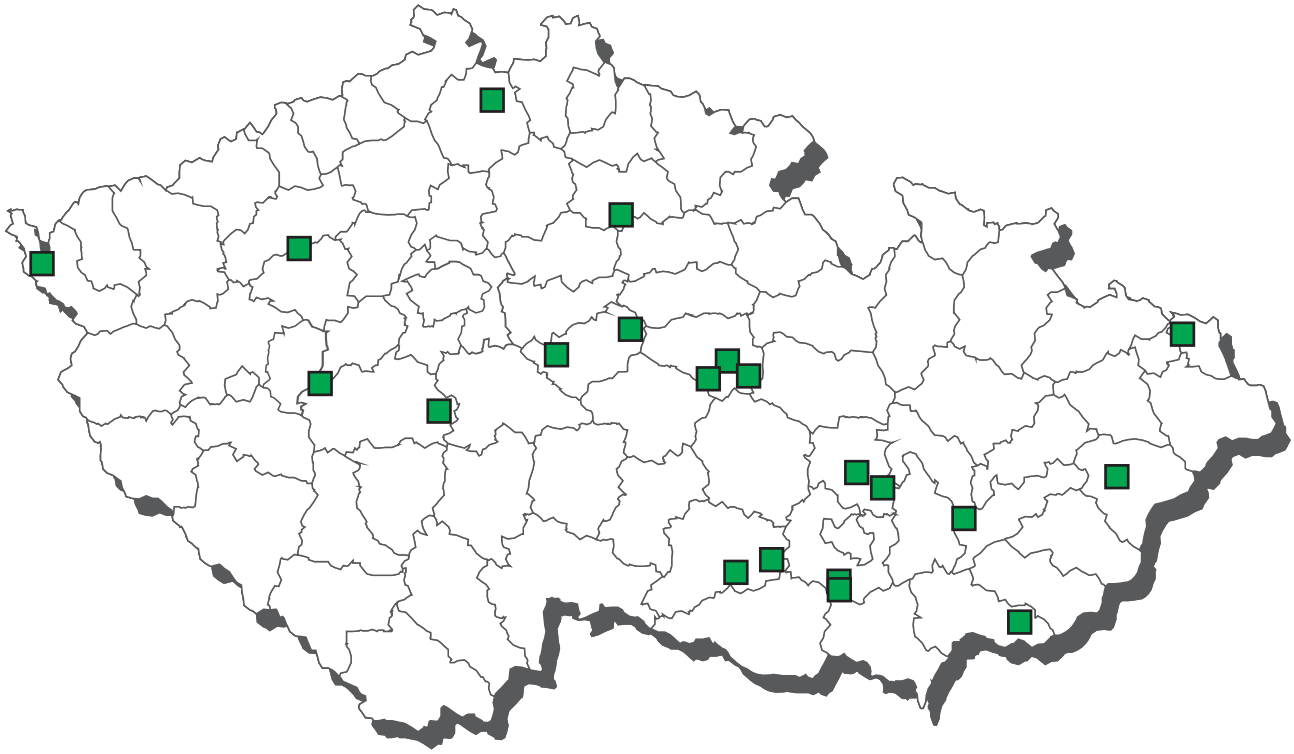
hens - fat, skin - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a	coumaphos	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	bifenthrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	carbaryl	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	carbofuran	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	cyfluthrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	cypermethrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	fenpropathrin	12	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,00400	mg/kg
B2c	fenvalerát	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	pyridaben	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c	lambda-cyhalothrin	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2f	amitraz	12	0	0,0	0	0,0	4,77500	n.d.	n.d.	4,77500	µg/kg
B3b	azinphos-ethyl	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	azinphos-methyl	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	diazinone	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	dichlorvos	12	0	0,0	0	0,0	0,00350	n.d.	n.d.	0,00350	mg/kg
B3b	dimethoate	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b	ethion	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	etrimfos	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	fenitrothion	12	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3b	fenthion	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	formothion	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	chlorpyrifos-methyl	12	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b	malathion	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b	methamidophos	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	omethoate	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	parathion	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	parathion-methyl	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	phosphamidon	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	sulfotep	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b	triazophos	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b	trichlorfon	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f	cyromazine	12	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg/kg
B3f	diflubenzuron	12	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg
B3f	etoxazole	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f	fipronil (sum of fip. + fip. supfon)	12	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3f	flufenoxuron	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f	pyriproxyfen	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f	teflubenzuron	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f	thiamethoxam	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg

hens - fat, skin - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c bifenthrin	MRL - 3 mg/kg	12	0	0	0	0	0
B2c carbaryl	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c carbofuran	MRL - 0,01 mg/kg	12	0	0	0	0	0
B2c cyfluthrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c cypermethrin	MRL - 0,1 mg/kg	12	0	0	0	0	0
B2c deltamethrin	MRL - 0,1 mg/kg	12	0	0	0	0	0
B2c fenvalerát	MRL - 0,02 mg/kg	12	0	0	0	0	0
B2c permethrin	MRL - 0,02 mg/kg	12	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c pyridaben	MRL - 0,02 mg/kg	12	0	0	0	0	0
B3b azinphos-ethyl	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b azinphos-methyl	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b diazinone	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b ethion	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b fenitrothion	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b fenthion	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b formothion	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b chlorpyrifos	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b chlorpyrifos-methyl	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b malathion	MRL - 0,02 mg/kg	12	0	0	0	0	0
B3b methamidophos	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b parathion	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3b triazophos	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3b trichlorfon	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3f etoxazole	MRL - 0,01 mg/kg	12	0	0	0	0	0
B3f flufenoxuron	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3f pyriproxyfen	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3f teflubenzuron	MRL - 0,05 mg/kg	12	0	0	0	0	0
B3f thiamethoxam	MRL - 0,01 mg/kg	12	0	0	0	0	0

CL 2019 - 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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A2	methylthiouracil	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	propylthiouracil	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	tapazole	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	thiouracil	2	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	17-alpha-19-nortestosterone	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-trenbolone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	norclostebol	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zearalanon	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zeranol	2	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	8-alfa-hydroxy-mutilin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	amoxicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	2	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	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	2	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	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	2	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	3	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	chlortetracycline	2	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	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg

turkeys - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	oxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	spiramycin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	3	0	0,0	0	0,0	11,66667	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	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	sulfadimidine	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	sulfachlorpyridazine	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	sulfamethoxazole	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	tetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	5	0	0,0	0	0,0	8,00000	n.d.	n.d.	12,50000	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	0,00175	n.d.	n.d.	0,00250	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	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	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00055	n.d.	n.d.	0,00100	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00275	n.d.	n.d.	0,00500	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	0,00275	n.d.	n.d.	0,00500	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)	3	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00040	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	DDT (sum)	3	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00060	mg/kg
B3a	endosulfan (sum)	3	0	0,0	0	0,0	0,00062	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00012	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	heptachlor	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	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	0	0,0	0	0,0	1,70000	n.d.	n.d.	4,50000	ng/g fat
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	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00020	mg/kg

turkeys - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	8-alfa-hydroxy-mutilin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	amoxicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	5	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	5	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	5	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	2	0	0	0	0	0
B1	florfenicol	MRL - 100 µg/kg	2	0	0	0	0	0
B1	flumequine	MRL - 400 µg/kg	5	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	5	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	2	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	tiamulin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	tilmicosin	MRL - 75 µg/kg	2	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	0	2	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	cypermethrin	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c	deltamethrin	MRL - 0,02 mg/kg	2	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,02 mg/kg	2	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	methomyl	MRL - 0,01 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	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	DDT (sum)	MRL - 1 mg/kg	3	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	chlordan	MRL - 0,05 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	lead	ML - 0,1 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B2b	decoquinat	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	3	0	0,0	0	0,0	2,00000	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	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	3	0	0,0	0	0,0	2,00000	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	0,03350	0,03350	0,03470	0,03500	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	2	1	50,0	0	0,0	0,00045	0,00045	0,00065	0,00070	mg/kg
B3d	aflatoxin B2	3	0	0,0	0	0,0	0,03333	n.d.	n.d.	0,05000	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	3	0	0,0	0	0,0	0,08333	n.d.	n.d.	0,10000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A1	benzoestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	dienoestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	diethylstilbestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	hexoestrol	AL - 0,2 µg/kg	1	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	3	0	0	0	0	0
B2b	diclazuril	MRL - 1500 µg/kg	3	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	3	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	3	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	3	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,02 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

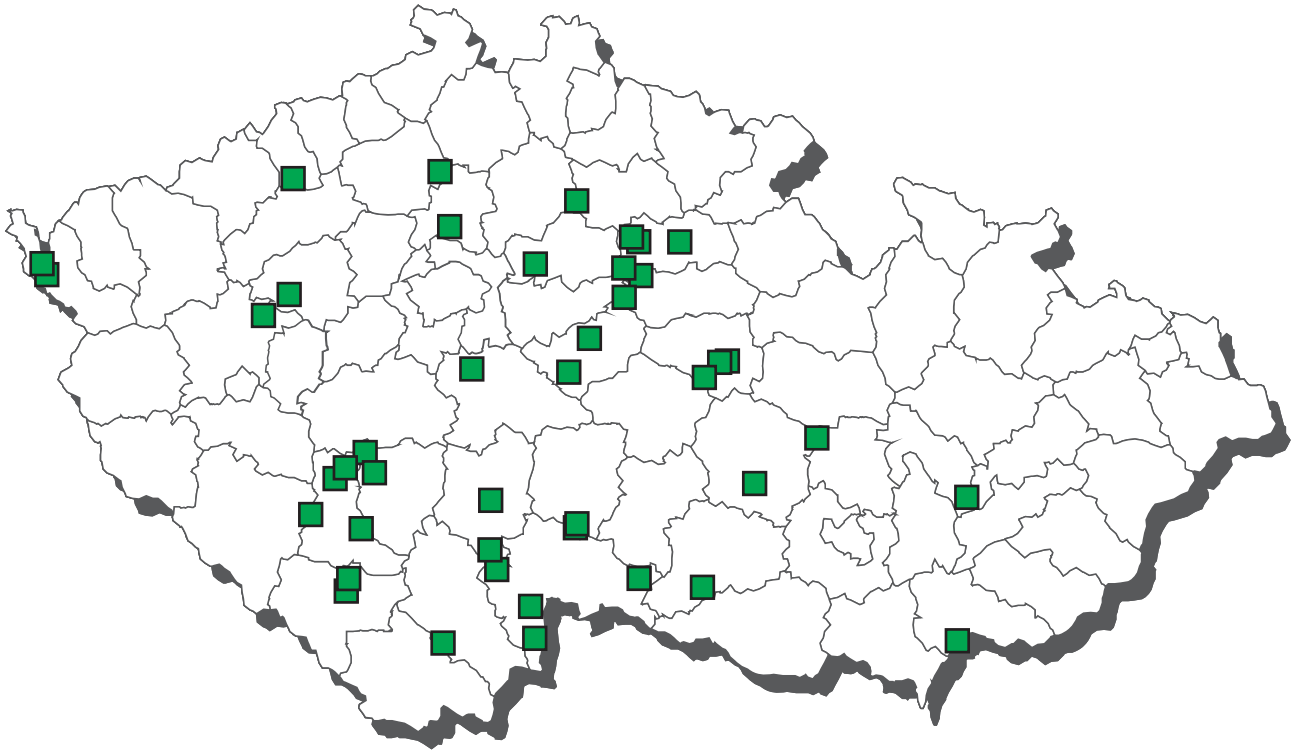
turkeys - plasma - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	dimetridazole	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	HMMNI	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ipronidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ipronidazole-OH	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	metronidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	MNZOH	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	ornidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ronidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	secnidazole	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazole	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l

turkeys - feather - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	3	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
A6	dimetridazole	3	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6	HMMNI	3	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
A6	ipronidazole	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	ipronidazole-OH	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	metronidazole	3	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6	MNZOH	3	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
A6	ornidazole	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	ronidazole	3	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6	secnidazole	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
A6	ternidazole	3	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
A6	tinidazole	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

CL 2019 - 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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	17-alpha-19-nortestosterone	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-trenbolone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	norclostebol	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zearalanon	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AHD	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	9	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	6	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	9	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dicloxacilin	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	dihydrostreptomycin	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	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	erythromycin	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	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	quinolones	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	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	lincomycin	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	marbofloxacin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	neomycin (incl. framycetin)	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#

waterfowl - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	spiramycin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	streptomycin	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	sulfadiazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimethoxine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimidine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadoxine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamerazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxazole	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxydiazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfaquinoxaline	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfathiazole	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyklin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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	3,66667	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	4	0	0,0	0	0,0	0,00188	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	4	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00250	mg/kg
B2c	cypermethrin	4	0	0,0	0	0,0	0,00125	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	4	0	0,0	0	0,0	0,00120	n.d.	n.d.	0,00250	mg/kg
B2c	lambda-cyhalothrin	4	0	0,0	0	0,0	0,00068	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	4	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	4	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	4	0	0,0	0	0,0	0,00288	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	4	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00500	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	0,00040	n.d.	n.d.	0,00040	mg/kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	beta-HCH	3	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00055	mg/kg
B3a	endosulfan (sum)	3	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a	endrin	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	heptachlor	3	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00045	mg/kg
B3a	hexachlorbenzen	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a	sum PCB	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	3	0	0,0	0	0,0	0,00333	n.d.	n.d.	0,00500	mg/kg
B3c	cadmium	3	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c	lead	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	3	2	66,7	0	0,0	0,00067	0,00060	0,00084	0,00090	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	danofloxacin	MRL - 200 µg/kg	8	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	8	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	8	0	0	0	0	0
B1	flumequine	MRL - 400 µg/kg	8	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	8	0	0	0	0	0

waterfowl - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	8	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	tilmicosin	MRL - 75 µg/kg	8	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	8	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	3	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	4	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	4	0	0	0	0	0
B2c	cypermethrin	MRL - 0,1 mg/kg	4	0	0	0	0	0
B2c	deltamethrin	MRL - 0,02 mg/kg	4	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,02 mg/kg	4	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	4	0	0	0	0	0
B2c	methomyl	MRL - 0,01 mg/kg	4	0	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	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	DDT (sum)	MRL - 1 mg/kg	3	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	chlordan	MRL - 0,05 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	3	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	3	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	3	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	3	0	0	0	0	0

waterfowl - liver - monitoring

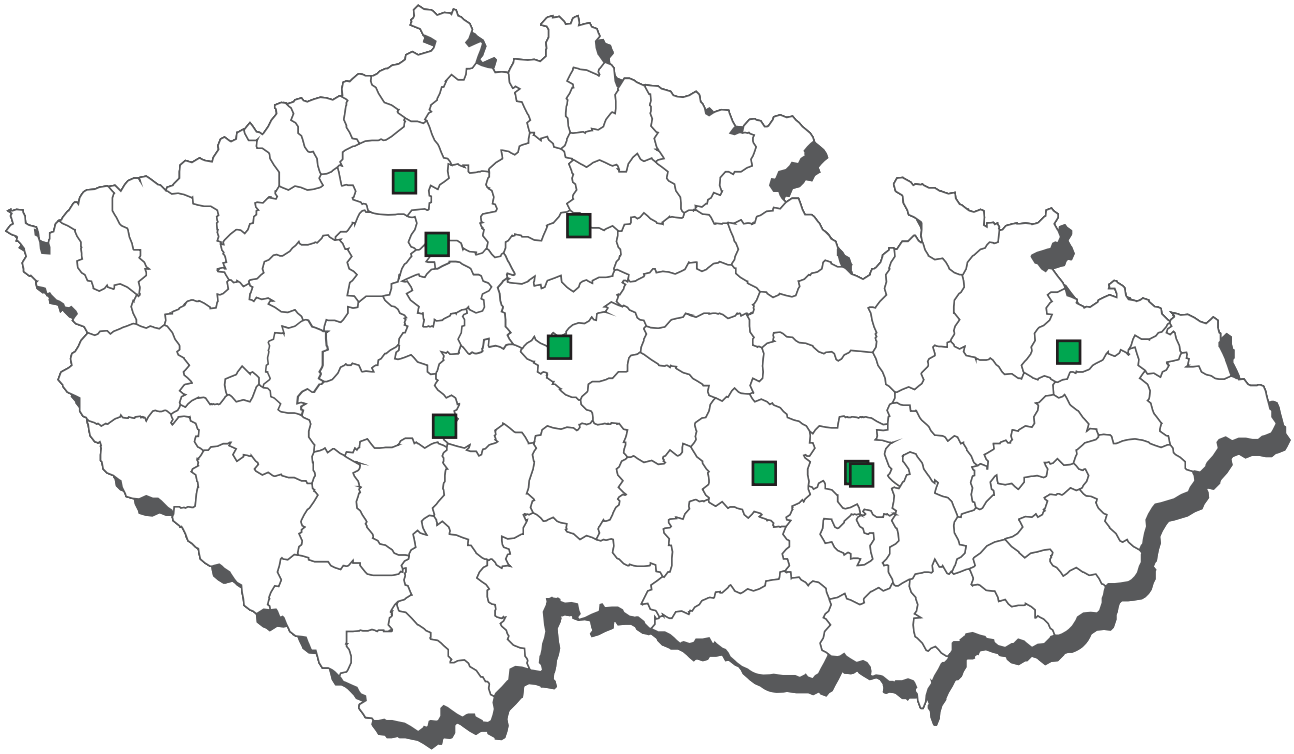
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg

waterfowl - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	isoxsuprine	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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	1,27273	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	2	18,2	0	0,0	1,47273	n.d.	2,70000	4,50000	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	0,06800	0,06800	0,07520	0,07700	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	2	2	100,0	0	0,0	0,00140	0,00140	0,00156	0,00160	mg/kg
B3d	aflatoxin B2	3	0	0,0	0	0,0	0,05833	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	3	0	0,0	0	0,0	0,13333	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	diclazuril	MRL - 1500 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	11	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	11	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	11	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	11	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,02 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 2019 - sampling of ostriches



ostriches - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A2	methylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	beta-zearalenol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	taleranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zearalanon	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zeranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	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	16,42857	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	7	0	0,0	0	0,0	16,42857	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	oxolinic acid	7	0	0,0	0	0,0	16,42857	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	residues of inhibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	7	0	0,0	0	0,0	11,42857	n.d.	n.d.	12,50000	µg/kg
B1	sulfadiazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B2c	aldicarb	3	0	0,0	0	0,0	0,00283	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	3	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	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	lambda-cyhalothrin	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	3	0	0,0	0	0,0	0,00367	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	propoxur	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	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	0,00046	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	DDT (sum)	5	2	40,0	0	0,0	0,00232	n.d.	0,00520	0,00600	mg/kg
B3a	endosulfan (sum)	5	0	0,0	0	0,0	0,00054	n.d.	n.d.	0,00070	mg/kg

ostriches - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a endrin	5	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a gama-HCH (lindan)	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 hexachlorbenzen	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 sum PCB	5	0	0,0	0	0,0	4,20000	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 lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg

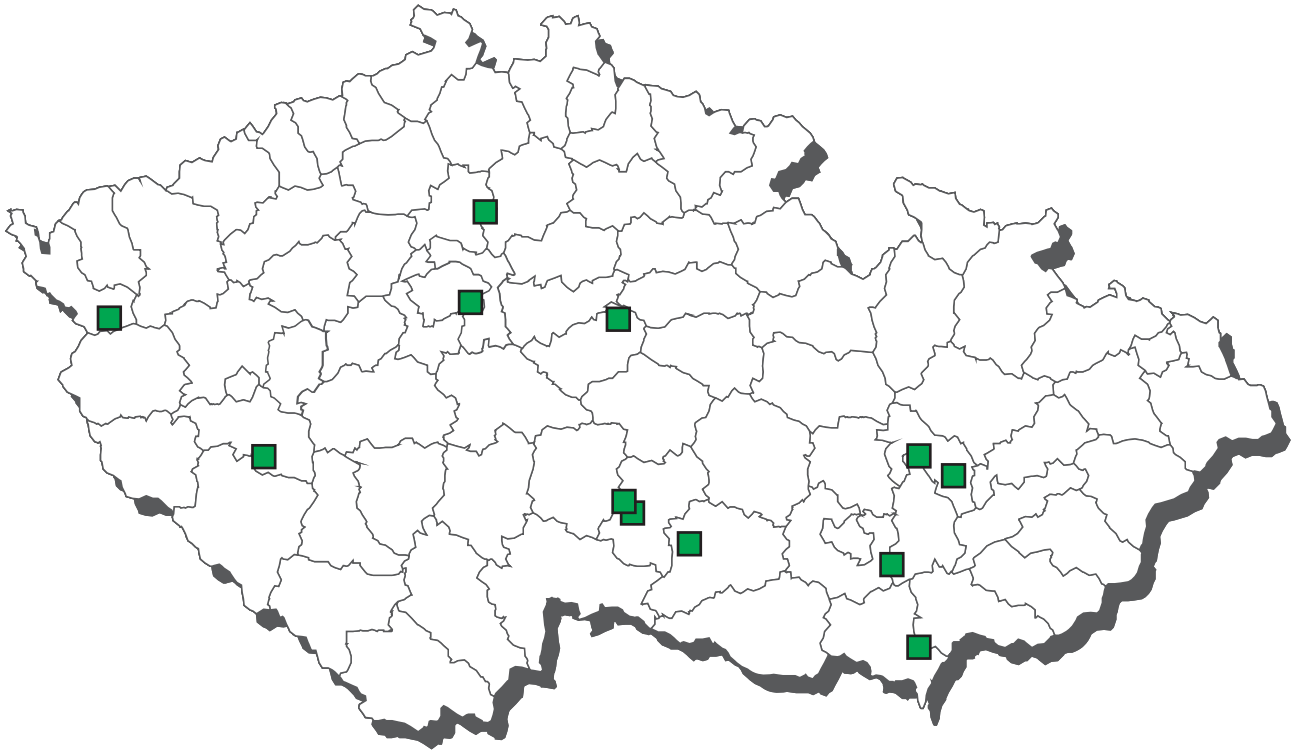
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 enrofloxacin	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamethoxazole	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
B2c aldicarb	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c carbofuran	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	3	0	0	0	0	0
B2c deltamethrin	MRL - 0,03 mg/kg	3	0	0	0	0	0
B2c lambda-cyhalothrin	MRL - 0,5 mg/kg	3	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c methomyl	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c permethrin	AL - 0,05 mg/kg	3	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a aldrin, dieldrin (sum)	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 DDT (sum)	MRL - 1 mg/kg	5	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	5	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	5	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a sum PCB	AL - 40 ng/g fat	5	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0

ostriches - liver - 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/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B2a	abamectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	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	ivermectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
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	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	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	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	2	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	abamectin	MRL - 20 µg/kg	2	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	2	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	2	0	0	0	0	0
B2b	diclazuril	ML - 40 µg/kg	2	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	2	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	2	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	2	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	2	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	2	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	2	0	0	0	0	0

CL 2019 - 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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	ethinylestradiol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	beta-zearalenol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	taleranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zearalanon	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	0,10000	n.d.	n.d.	0,10000	µg/kg
A4	zeranol	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	4	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	3	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	8-alfa-hydroxy-mutilin	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	amoxicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefazoline	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefquinom	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ceftiofur	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dicloxacilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dihydrostreptomycin	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	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	erythromycin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	quinolones	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	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	lincomycin	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycin	8	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	sulfadiazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimethoxine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimidine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadoxine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

rabbits - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfamerazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxazole	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxydiazine	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfaquinoxaline	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfathiazole	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyklin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tiamulin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tilmicosin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	8	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	valnemulin	8	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	cambendazole	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	fenbendazole (sum)	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (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	nitroxinil	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	oxibendazole	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	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	0,00200	n.d.	n.d.	0,00300	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	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	lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00300	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00075	n.d.	n.d.	0,00100	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	0,00075	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	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	0,00040	n.d.	n.d.	0,00040	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	DDT (sum)	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00055	mg/kg
B3a	endosulfan (sum)	2	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a	endrin	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	heptachlor	2	0	0,0	0	0,0	0,00045	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	chlordan	2	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a	sum PCB	2	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	lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00050	0,00050	0,00050	0,00050	mg/kg

rabbits - muscle - monitoring - (continuation)

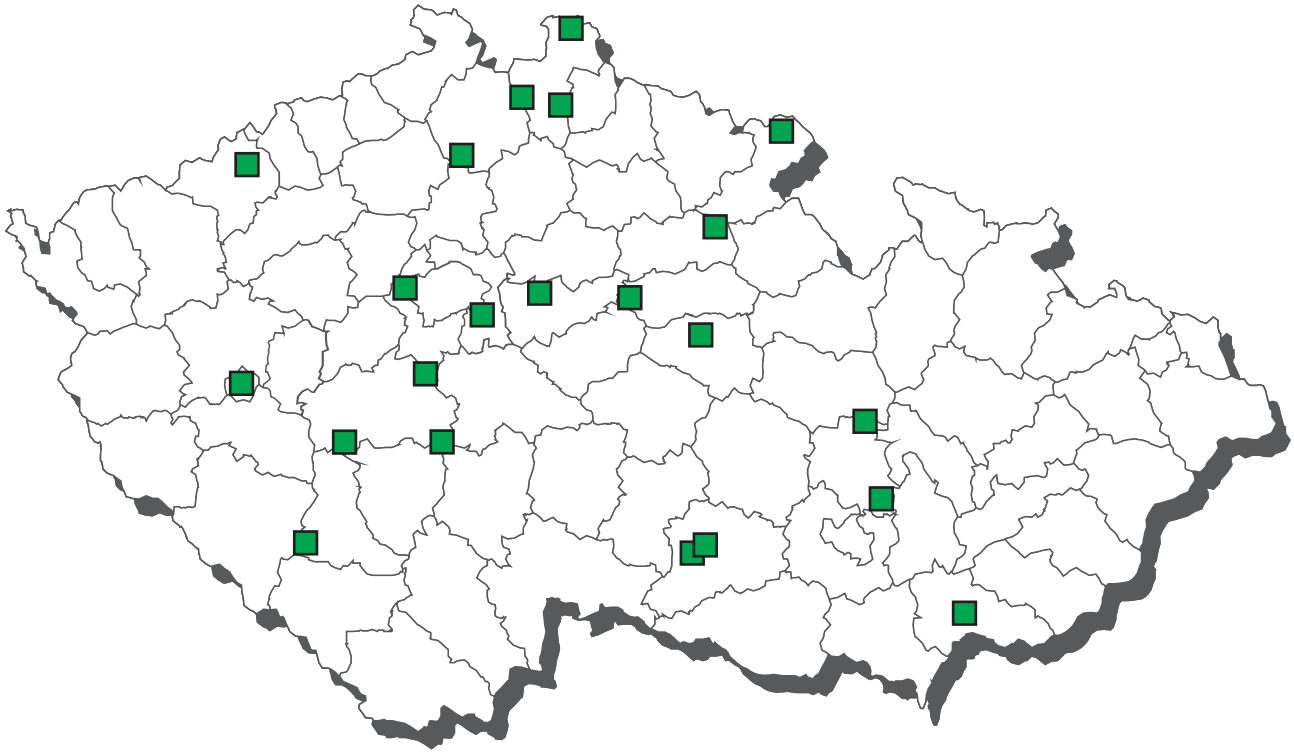
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	8-alfa-hydroxy-mutilin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	amoxicilin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	danofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	8	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	8	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	8	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	8	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	8	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	8	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamethoxazole	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	tetracyklin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	tiamulin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	8	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	valnemulin	MRL - 50 µg/kg	8	0	0	0	0	0
B2a	fenbendazole	MRL - 50 µg/kg	3	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	3	0	0	0	0	0
B2a	fenbendazole sulfon	MRL - 50 µg/kg	3	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	3	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	carbofuran	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	2	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	2	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,5 mg/kg	2	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c	methomyl	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c	permethrin	AL - 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	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	DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	2	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	sum PCB	AL - 40 ng/g fat	2	0	0	0	0	0
B3c	cadmium	AL - 0,05 mg/kg	1	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c	mercury	MRL - 0,01 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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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
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	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	5	3	60,0	0	0,0	753,45600	2,28000	1969,80000	2323,0000	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	1	20,0	0	0,0	1,44200	n.d.	2,32600	3,21000	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	1	20,0	0	0,0	10,35200	n.d.	29,05600	47,76000	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	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
B2b	decoquinat	ML - 20 µg/kg	5	0	0	0	0	0
B2b	diclazuril	MRL - 2500 µg/kg	3	1	1	0	0	0
B2b	halofuginone	ML - 30 µg/kg	5	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	5	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	5	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	5	0	0	0	0	0

CL 2019 - sampling of horses



Horses - non-compliant results 2019

lead - muscle

horses - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	ethinylestradiol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	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	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cloxacilin	2	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	dicloxacilin	2	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	dihydrostreptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	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	erythromycin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	2	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	2	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	lincomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	sulfadiazine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadimidine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfadoxine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamerazine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfathiazole	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tulathromycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tylosin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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 (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	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	oxfendazole	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxibendazole	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
B2a	oxyclozanide	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
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	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	lambda-cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	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	propoxur	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e	carprofen	5	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e	diclofenac	5	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	1,75000	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	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	1,75000	n.d.	n.d.	2,50000	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	1,25000	n.d.	n.d.	1,25000	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)	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	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	endosulfan (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	gama-HCH (lindan)	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	hexachlorbenzen	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	sum PCB	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3c	arsenic	5	1	20,0	0	0,0	0,00410	n.d.	0,00680	0,00800	mg/kg
B3c	cadmium	5	5	100,0	1	20,0	0,11080	0,04200	0,23960	0,32800	mg/kg
B3c	lead	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	5	4	80,0	0	0,0	0,00066	0,00050	0,00100	0,00120	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A3	ethinylestradiol	AL - 0,1 µg/kg	1	0	0	0	0	0
B1	amoxicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	danofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	2	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	2	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	2	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	2	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%
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	tetracyklin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	5-hydroxymebendazole	MRL - 60 µg/kg	1	0	0	0	0	0
B2a	aminomebendazole	MRL - 60 µg/kg	1	0	0	0	0	0
B2a	fenbendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	fenbendazole sulfon	MRL - 50 µg/kg	1	0	0	0	0	0
B2a	mebendazole	MRL - 60 µg/kg	1	0	0	0	0	0
B2a	mebendazole (sum)	MRL - 60 µg/kg	1	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 - 0,01 mg/kg	1	0	0	0	0	0
B2c	cypermethrin	MRL - 2 mg/kg	1	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	1	0	0	0	0	0
B2c	lambda-cyhalothrin	MRL - 0,5 mg/kg	1	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	methomyl	MRL - 0,01 mg/kg	0	1	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	5	0	0	0	0	0
B2e	flunixin	MRL - 10 µg/kg	5	0	0	0	0	0
B2e	meloxicam	MRL - 20 µg/kg	5	0	0	0	0	0
B2e	vedaprofen	MRL - 50 µg/kg	5	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	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	DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,05 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	5	0	0	0	0	0
B3c	cadmium	ML - 0,2 mg/kg	3	1	0	0	1	0
B3c	lead	AL - 0,1 mg/kg	5	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	5	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
cadmium			
20.05.2019	Liberec	Dlouhý Most	0,328 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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	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	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	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 substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	streptomycines	2	0	0,0	0	0,0	12,50000	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
B3b	diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/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	0,00200	n.d.	n.d.	0,00200	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
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

horses - liver - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A1	benzoestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	dienoestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	diethylstilbestrol	AL - 0,3 µg/kg	1	0	0	0	0	0
A1	hexoestrol	AL - 0,2 µg/kg	1	0	0	0	0	0
B2a	abamectin	MRL - 20 µg/kg	1	0	0	0	0	0
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	eprinomectin	MRL - 1500 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	maduramicin	ML - 2 µg/kg	1	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	1	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	1	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	1	0	0	0	0	0
B3b	diazinone	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b	chlorpyrifos-methyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3b	malathion	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b	phorate	MRL - 0,02 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 substances	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	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	azaperol	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	azaperone	1	0	0,0	0	0,0	3,50000	n.d.	n.d.	3,50000	µg/kg
B2d	carazolol	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	haloperidol	1	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
B2d	haloperidol - metabolite	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	chlorpromazine	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2d	propionylpromazine	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg/kg
B2d	xylazine	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	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	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A2	methylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	propylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	tapazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A2	thiouracil	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A3	17-alpha-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	beclometasone	1	0	0,0	0	0,0	1,80000	n.d.	n.d.	1,80000	µg/l
A3	betametasone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	dexamethasone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	flumetasone	1	0	0,0	0	0,0	1,60000	n.d.	n.d.	1,60000	µg/l
A3	fluocinolone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	fluorometolone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	chlortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	methylboldenone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	metylprednisolone	1	0	0,0	0	0,0	2,10000	n.d.	n.d.	2,10000	µg/l
A3	norclostebol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	prednisolone	1	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg/l
A3	prednison	1	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,45000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A4	zearalanon	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	0,25000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l

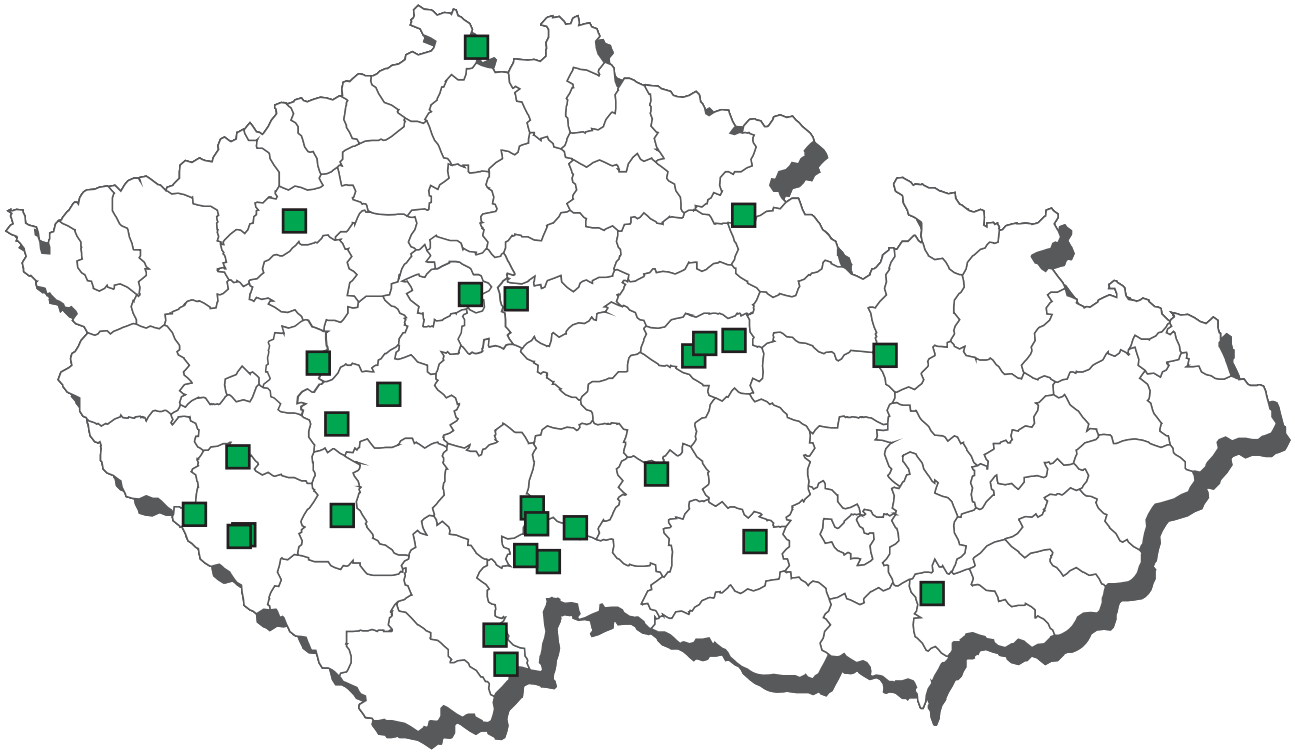
horses - plasma - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	HMMNI	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	ornidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	secnidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l

horses - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-acetoxyprogesterone	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	altrenogest	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	chloromadinone acetate	1	0	0,0	0	0,0	0,85000	n.d.	n.d.	0,85000	µg/kg
A3	medroxyprogesterone ac.	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	megestrol acetate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	melengestrol acetate	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg

CL 2019 - sampling of farmed cloven-hoofed animals



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	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A3	17-alpha-19-nortestosterone	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	chlortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	norclostebol	3	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	DNSH	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	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
B1	amoxicilin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cefalexin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cefoperazon	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cephapirin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	cloxacilin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	16	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	decoquinat	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	diclazuril	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	dicloxacilin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	dihydrostreptomycin	12	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	16	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	erythromycin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin	12	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	halofuginone	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	quinolones	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	chlortetracycline	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	16	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	lasalocid	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	lincomycin	12	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	maduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	narasin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	neomycin (incl. framycetin)	12	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	nicarbazin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	oxacilin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	robenidin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	salinomycin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B1	streptomycin	12	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	sulfadiazine	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg

farmed cloven-hoofed animals - muscle - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfathiazole	16	0	0,0	0	0,0	7,50000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	albendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	cambendazole	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 (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	flubendazole (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	nitroxinil	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	oxibendazole	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	oxyclozanide	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2a	parbendazole	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	triclabendazole (sum)	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/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)	4	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00040	mg/kg
B3a	alfa-HCH	4	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	beta-HCH	4	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	DDT (sum)	4	1	25,0	0	0,0	0,00189	n.d.	0,00458	0,00630	mg/kg
B3a	endosulfan (sum)	4	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a	endrin	4	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	4	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	heptachlor	4	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00045	mg/kg
B3a	hexachlorbenzen	4	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	chlordan	4	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a	sum PCB	4	0	0,0	0	0,0	3,45000	n.d.	n.d.	4,50000	ng/g fat
B3c	cadmium	11	0	0,0	0	0,0	0,00236	n.d.	n.d.	0,00250	mg/kg
B3c	lead	11	1	9,1	0	0,0	0,00673	n.d.	n.d.	0,02400	mg/kg
B3c	mercury	11	9	81,8	0	0,0	0,00073	0,00070	0,00100	0,00140	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	dihydrostreptomycin	MRL - 500 µg/kg	12	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	16	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	12	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	12	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	12	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	12	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	12	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	12	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	16	0	0	0	0	0

farmed cloven-hoofed animals - muscle - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfamerazine	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	16	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	16	0	0	0	0	0
B1	tetracyklin	MRL - 100 µg/kg	12	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	12	0	0	0	0	0
B2a	fenbendazole (sum)	MRL - 50 µg/kg	2	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	2	0	0	0	0	0
B3a	aldrin, dieldrin (sum)	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	DDT (sum)	MRL - 1 mg/kg	4	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,005 mg/kg	4	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a	sum PCB	AL - 40 ng/g fat	4	0	0	0	0	0
B3c	cadmium	AL - 0,1 mg/kg	11	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	11	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	11	0	0	0	0	0

farmed cloven-hoofed animals - liver

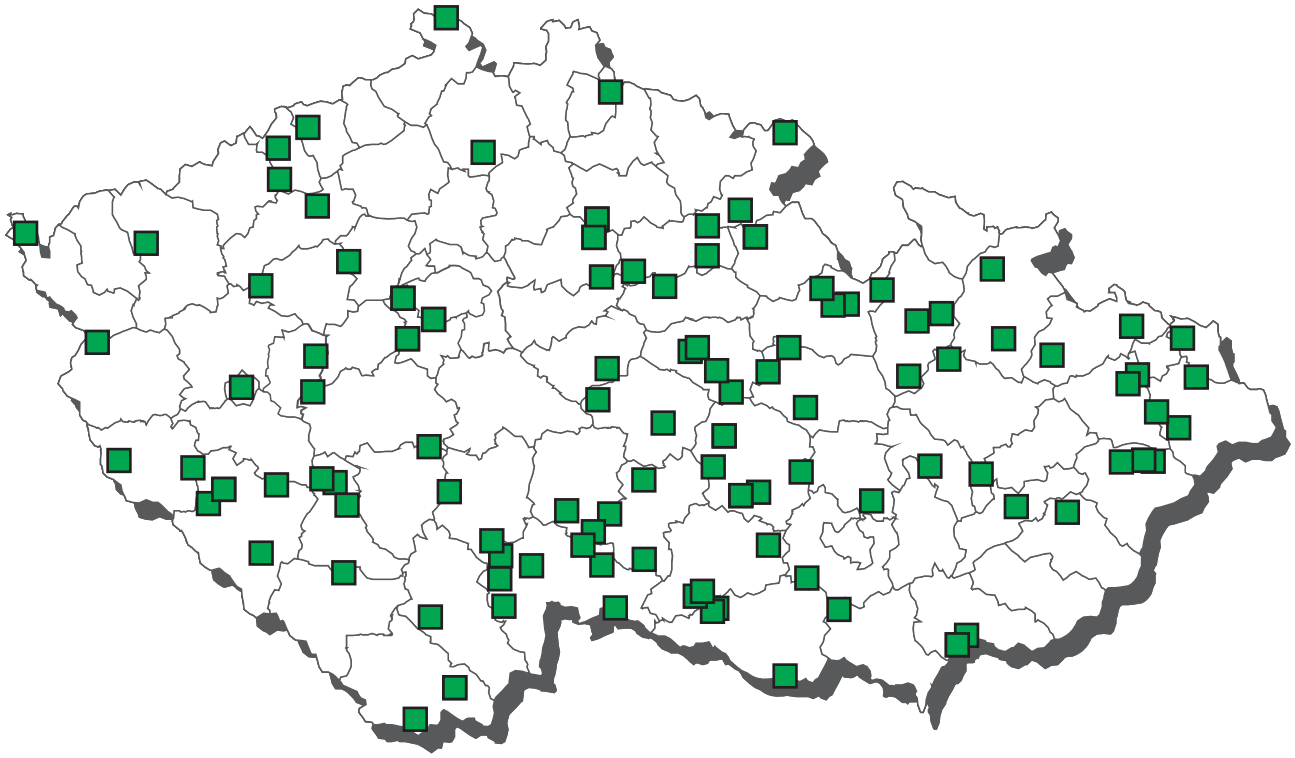
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	brombuterol	6	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	carbuterol	6	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	cimaterol	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	cimbuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	6	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A5	clencyclohexerol	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	clenhexerol	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenisopenterol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenpenterol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenproperol	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	fenoterol	6	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	formoterol	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	hydroxymethylclenbuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	6	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	isoxsuprine	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	labetalol	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	mabuterol	6	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	mapenterol	6	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	µg/kg
A5	orciprenaline (metaprotenerol)	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
A5	pirbuterol	6	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A5	ractopamin	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	ritodrin	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salbutamol	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	salmeterol	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	sotalol	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A5	terbutalin	6	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	tulobuterol	6	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A5	zilpaterol	6	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B2a	abamectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg

farmed cloven-hoofed animals - liver - (continuation)

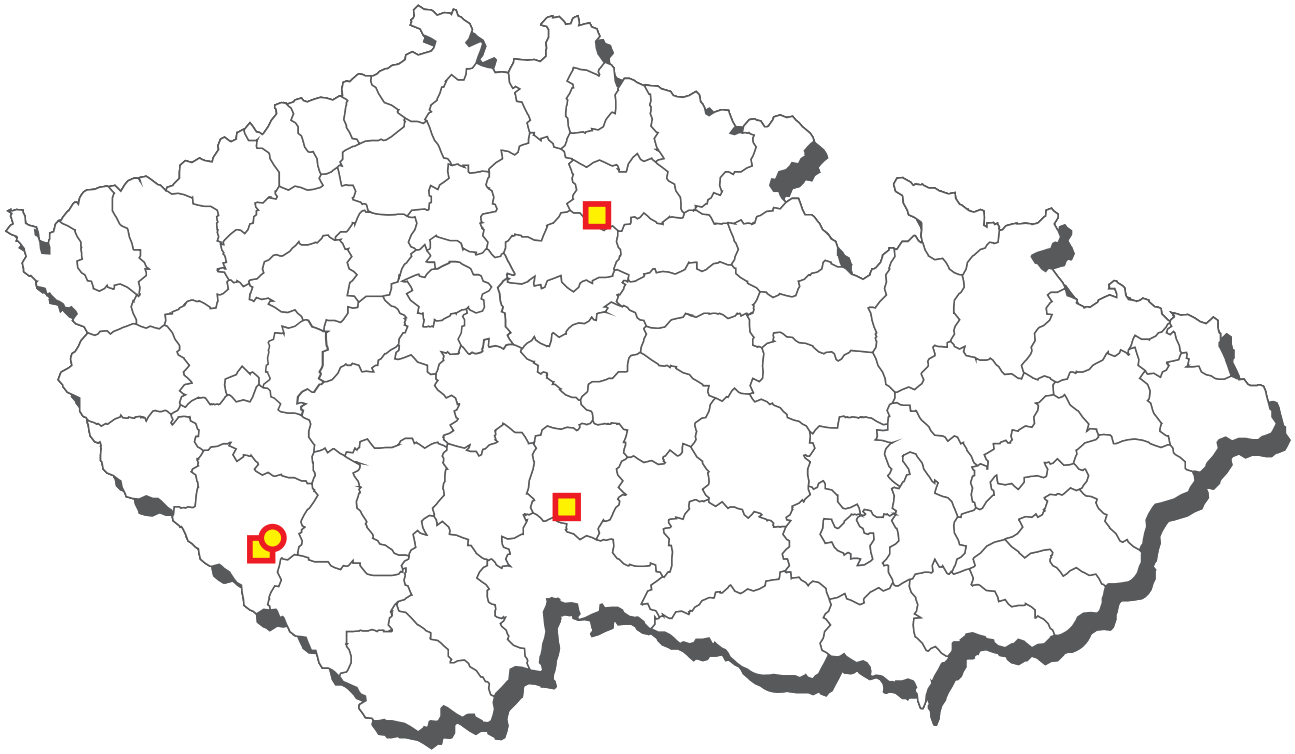
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b decoquinat	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b diclazuril	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	10	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b narasin	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b nicarbazin	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b robenidin	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	10	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	10	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 abamectin	MRL - 20 µg/kg	7	0	0	0	0	0
B2a emamectin	MRL - 80 µg/kg	7	0	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	10	0	0	0	0	0
B2b diclazuril	ML - 40 µg/kg	10	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	10	0	0	0	0	0
B2b lasalocid	MRL - 300 µg/kg	10	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	10	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	10	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	10	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	10	0	0	0	0	0

CL 2019 - sampling of fresh water fish - carps and trouts



Fresh water fish - carps and trouts - non-compliant results 2019



leucomalachite green malachite green

freshwater fish - carps - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	dienoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-alpha-19-nortestosterone	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-trenbolone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	ethinylestradiol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	chlortestosterone	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	5	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	methyltestosterone	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	norclostebol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	15	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	amoxicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	ampicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	benzylpenicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cloxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
B1	dicloxacilin	2	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	7,50000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	2	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	7,50000	n.d.	n.d.	25,00000	µg/kg
B1	erythromycin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	florfenicol	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	florfenicol amin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	2	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	6	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	chlortetracycline	2	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	7,50000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	6	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxytetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfadiazine	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	15,00000	µg/kg

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

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	tetracyklin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	tilmicosin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	abamectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	doramectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	niclosamid	7	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	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	2	0	0,0	0	0,0	0,00030	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	DDT (sum)	2	1	50,0	0	0,0	0,00625	0,00625	0,01085	0,01200	mg/kg
B3a	endosulfan (sum)	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	2	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	2	0	0,0	0	0,0	0,00048	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	toxaphene (sum)	2	0	0,0	0	0,0	0,00098	n.d.	n.d.	0,00100	mg/kg
B3c	arsenic	6	4	66,7	0	0,0	0,03842	0,04350	0,06800	0,07600	mg/kg
B3c	tin	9	2	22,2	0	0,0	0,00406	n.d.	0,00680	0,01400	mg/kg
B3c	cadmium	6	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c	methylmercury	9	8	88,9	0	0,0	0,01656	0,01700	0,02920	0,03800	mg/kg
B3c	lead	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	15	15	100,0	0	0,0	0,01799	0,01280	0,03036	0,04740	mg/kg
B3d	aflatoxin B2	4	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	brilliant green	15	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	25	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	25	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	25	1	4,0	**1**	**4,0**	0,48280	n.d.	n.d.	8,47000	µg/kg
B3e	malachite green	25	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	methylene blue	15	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	amoxicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	danofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	2	0	0	0	0	0
B1	florfenicol	MRL - 1000 µg/kg	2	0	0	0	0	0
B1	flumequine	MRL - 600 µg/kg	8	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	2	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	8	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	8	0	0	0	0	0

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

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
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	tetracyklin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	2	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	emamectin	MRL - 100 µg/kg	7	0	0	0	0	0
B2a	eprinomectin	MRL - 50 µg/kg	7	0	0	0	0	0
B3a	DDT (sum)	AL - 0,5 mg/kg	2	0	0	0	0	0
B3a	gama-HCH (lindan)	AL - 0,05 mg/kg	2	0	0	0	0	0
B3a	hexachlorbenzen	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	tin	AL - 10 mg/kg	9	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	6	0	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg	9	0	0	0	0	0
B3c	lead	ML - 0,3 mg/kg	6	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg	15	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	15	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	25	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	25	0	0	0	0	0
B3e	leucomalachite green	RPA - 2 µg/kg*	24	0	0	0	0	1
B3e	malachite green	RPA - 2 µg/kg*	25	0	0	0	0	0
B3e	methylene blue	AL - 2 µg/kg	15	0	0	0	0	0

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

sampling date	cadastral district (sampling)	origin	value
leucomalachite green			
23.09.2019	Semily	Kopidlno (okres Jičín)	8,47 µg/kg

freshwater fish - carps - muscle - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	chloramphenicol	2	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
B3e	leucomalachite green	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	malachite green	2	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	leucomalachite green	RPA - 2 µg/kg*	2	0	0	0	0	0
B3e	malachite green	RPA - 2 µg/kg*	2	0	0	0	0	0

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

freshwater fish - trouts - 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/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-alpha-19-nortestosterone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-trenbolone	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	chlortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	norclostebol	1	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	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AMOZ	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	AOZ	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	DNSH	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	HMMNI	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	4	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ternidazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
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	benzylpenicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	cloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	danofloxacin	5	0	0,0	0	0,0	17,00000	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	5	0	0,0	0	0,0	17,00000	n.d.	n.d.	25,00000	µg/kg
B1	doxycycline	1	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	17,00000	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	florfenicol	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	florfenicol amin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	5	0	0,0	0	0,0	17,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	gentamycin, neomycin	4	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	chlortetracycline	1	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	17,00000	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	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	marbofloxacin	5	0	0,0	0	0,0	17,00000	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	oxytetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of inhibitory substances	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	sulfadiazine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyklin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#

freshwater fish - trouts - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	tilmicosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	tylosin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2a	abamectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	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	ivermectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	niclosamid	2	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	0,00030	n.d.	n.d.	0,00030	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	DDT (sum)	1	0	0,0	0	0,0	0,00060	n.d.	n.d.	0,00060	mg/kg
B3a	endosulfan (sum)	1	0	0,0	0	0,0	0,00070	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	gama-HCH (lindan)	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	hexachlorbenzen	1	1	100,0	0	0,0	0,00060	0,00060	0,00060	0,00060	mg/kg
B3a	chlordan	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	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	toxaphene (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	arsenic	1	1	100,0	0	0,0	0,23300	0,23300	0,23300	0,23300	mg/kg
B3c	tin	5	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	methylmercury	5	5	100,0	0	0,0	0,01780	0,01700	0,02160	0,02200	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	mercury	6	6	100,0	0	0,0	0,02070	0,02160	0,02355	0,02360	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	31	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	47	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	47	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	47	3	6,4	**2**	**4,2**	0,47128	n.d.	n.d.	13,40000	µg/kg
B3e	malachite green	47	1	2,1	**1**	**2,1**	0,18894	n.d.	n.d.	1,98000	µg/kg
B3e	methylene blue	31	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	amoxicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	ampicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	benzylpenicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	cloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	danofloxacin	MRL - 100 µg/kg	5	0	0	0	0	0
B1	dicloxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	5	0	0	0	0	0
B1	doxycycline	MRL - 100 µg/kg	1	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	5	0	0	0	0	0
B1	erythromycin	MRL - 200 µg/kg	1	0	0	0	0	0
B1	florfenicol	MRL - 1000 µg/kg	1	0	0	0	0	0
B1	florfenicol amin	MRL - 1000 µg/kg	1	0	0	0	0	0
B1	flumequine	MRL - 600 µg/kg	5	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	chlortetracycline	MRL - 100 µg/kg	1	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	5	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	1	0	0	0	0	0
B1	oxacilin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	oxytetracyklin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1	sulfamethoxazole	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

freshwater fish - trouts - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfathiazole	MRL - 100 µg/kg	5	0	0	0	0	0
B1	tetracyklin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	tilmicosin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	tylosin	MRL - 100 µg/kg	1	0	0	0	0	0
B2a	emamectin	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	eprinomectin	MRL - 50 µg/kg	2	0	0	0	0	0
B3a	DDT (sum)	AL - 0,5 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	AL - 0,05 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	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	tin	AL - 10 mg/kg	5	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	1	0	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg	5	0	0	0	0	0
B3c	lead	ML - 0,3 mg/kg	1	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg	6	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	31	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	47	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	47	0	0	0	0	0
B3e	leucomalachite green	RPA - 2 µg/kg*	45	0	1	0	0	1
B3e	malachite green	RPA - 2 µg/kg*	46	0	1	0	0	0
B3e	methylene blue	AL - 2 µg/kg	31	0	0	0	0	0

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

sampling date	cadastral district (sampling)	origin	value
leucomalachite green			
08.04.2019	Jindřichův Hradec	Itálie	13,4 µg/kg
04.09.2019	Plzeň-jih	Nové Městečko (okres Klatovy)	1,62 µg/kg
malachite green			
04.09.2019	Plzeň-jih	Nové Městečko (okres Klatovy)	1,98 µg/kg

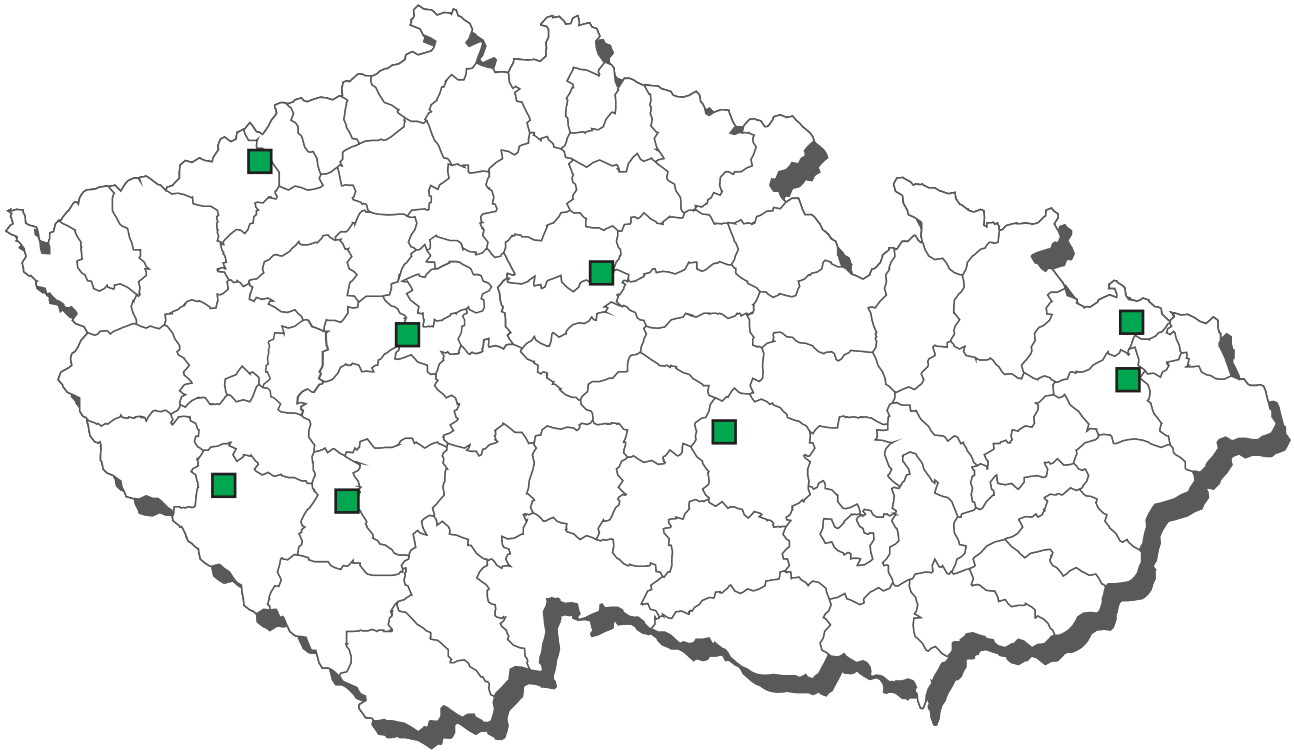
freshwater fish - trouts - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e	brilliant green	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	17	8	47,1	3	17,6	1,05471	n.d.	2,71000	8,37000	µg/kg
B3e	malachite green	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	methylene blue	1	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%
B3e	brilliant green	AL - 2 µg/kg	1	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	1	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	1	0	0	0	0	0
B3e	leucomalachite green	AL - 2 µg/kg	14	0	0	2	0	1
B3e	malachite green	AL - 2 µg/kg	17	0	0	0	0	0
B3e	methylene blue	AL - 2 µg/kg	1	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
leucomalachite green			
17.01.2019	Pelhřimov	Pravíkov (okres Pelhřimov)	8,37 µg/kg
15.05.2019	Pelhřimov	Pravíkov (okres Pelhřimov)	2,57 µg/kg
26.06.2019	Pelhřimov	Pravíkov (okres Pelhřimov)	2,92 µg/kg

CL 2019 - sampling of freshwater fish - other species



freshwater fish - other species - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alpha-19-nortestosterone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	chlortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	norclostebol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	carnidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ipronidazole-OH	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ornidazole	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazole	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B1	betalactams	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B1	danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	difloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	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	oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	macrolides	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	sulfadiazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadoxine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfachlorpyridazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	1	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B3c	tin	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	methylmercury	1	1	100,0	0	0,0	0,04500	0,04500	0,04500	0,04500	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,04910	0,04910	0,04910	0,04910	mg/kg
B3e	brilliant green	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	malachite green	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	methylene blue	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
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	2,2',4,4',5,5'-HexaBDE	9	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	9	4	44,4	0	0,0	0,01452	n.d.	0,02888	0,06240	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	0,00978	n.d.	0,01918	0,02750	ng/g
B3f	2,2',4,4'-TetraBDE	9	8	88,9	0	0,0	0,06307	0,04880	0,12620	0,21500	ng/g
B3f	2,4,4'-TriBDE	9	4	44,4	0	0,0	0,00590	n.d.	0,01042	0,01380	ng/g
B3f	sum PCB	9	6	66,7	0	0,0	3,76900	2,33100	9,01320	12,47000	ng/g
B3f	WHO-PCDD/F-PCB-TEQ	9	9	100,0	0	0,0	0,57156	0,47600	0,90280	1,15000	pg/g
B3f	WHO-PCDD/F-TEQ	9	9	100,0	0	0,0	0,30078	0,26400	0,41460	0,52500	pg/g

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	1	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	flumequine	MRL - 600 µg/kg	1	0	0	0	0	0

freshwater fish - other species - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	oxolinic acid	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfadoxine	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	1	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	1	0	0	0	0	0
B3c	tin	AL - 10 mg/kg	1	0	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg	1	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg	1	0	0	0	0	0
B3e	brilliant green	AL - 2 µg/kg	2	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	3	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	3	0	0	0	0	0
B3e	leucomalachite green	RPA - 2 µg/kg*	3	0	0	0	0	0
B3e	malachite green	RPA - 2 µg/kg*	3	0	0	0	0	0
B3e	methylene blue	AL - 2 µg/kg	2	0	0	0	0	0
B3f	WHO-PCDD/F-PCB-TEQ	ML - 6,5 pg/g	9	0	0	0	0	0
B3f	WHO-PCDD/F-TEQ	ML - 3,5 pg/g	9	0	0	0	0	0

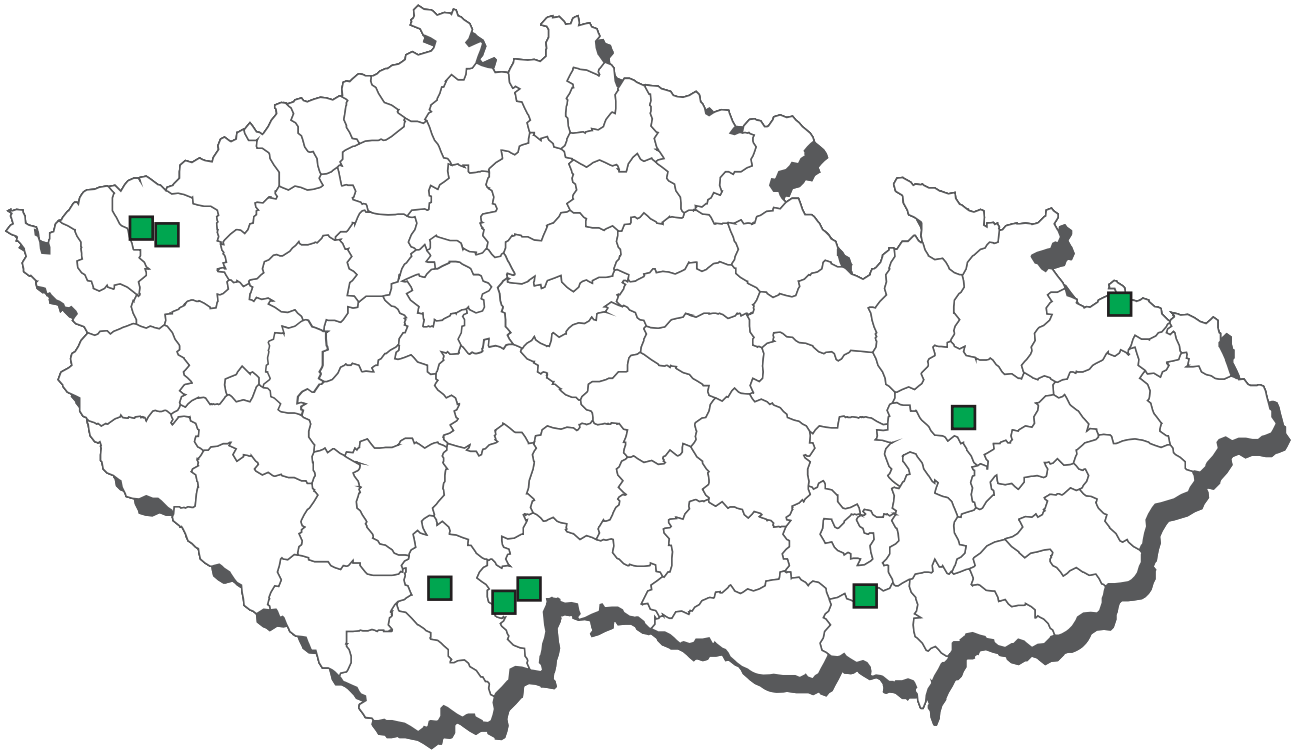
* RPA pays for the sum of malachite green and leucomalachite green

freshwater fish - other species - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e	leucomalachite green	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	malachite green	1	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	leucomalachite green	RPA - 2 µg/kg*	1	0	0	0	0	0
B3e	malachite green	RPA - 2 µg/kg*	1	0	0	0	0	0

CL 2019 - sampling wild ducks and pheasants



Wild ducks and pheasants - non-compliant results 2019

lead - muscle wild duck

pheasants - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	4	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	4	0	0,0	0	0,0	0,00023	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 DDT (sum)	4	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00060	mg/kg
B3a endosulfan (sum)	4	0	0,0	0	0,0	0,00059	n.d.	n.d.	0,00070	mg/kg
B3a endrin	4	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	4	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	4	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	4	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	4	0	0,0	0	0,0	0,97500	n.d.	n.d.	3,00000	ng/g fat
B3c cadmium	3	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c lead	3	1	33,3	0	0,0	0,01000	n.d.	0,01700	0,02000	mg/kg
B3c mercury	3	1	33,3	0	0,0	0,00053	n.d.	0,00082	0,00090	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	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 DDT (sum)	MRL - 1 mg/kg	4	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	4	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a sum PCB	AL - 40 ng/g fat	4	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	3	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	3	0	0	0	0	0
B3c mercury	MRL - 0,04 mg/kg	3	0	0	0	0	0

wild ducks - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	2	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	2	0	0,0	0	0,0	0,00030	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 DDT (sum)	2	1	50,0	0	0,0	0,00060	0,00060	0,00068	0,00070	mg/kg
B3a endosulfan (sum)	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a endrin	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	2	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	1	50,0	**1**	**50,0**	21,99450	21,99450	35,99010	39,48900	ng/g
B3c cadmium	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c lead	1	1	100,0	0	0,0	0,02000	0,02000	0,02000	0,02000	mg/kg
B3c mercury	1	1	100,0	0	0,0	0,00400	0,00400	0,00400	0,00400	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 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 DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	2	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a sum PCB	AL - 0,8 ng/g	0	0	1	0	0	**1**
B3c cadmium	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c mercury	MRL - 0,04 mg/kg	1	0	0	0	0	0

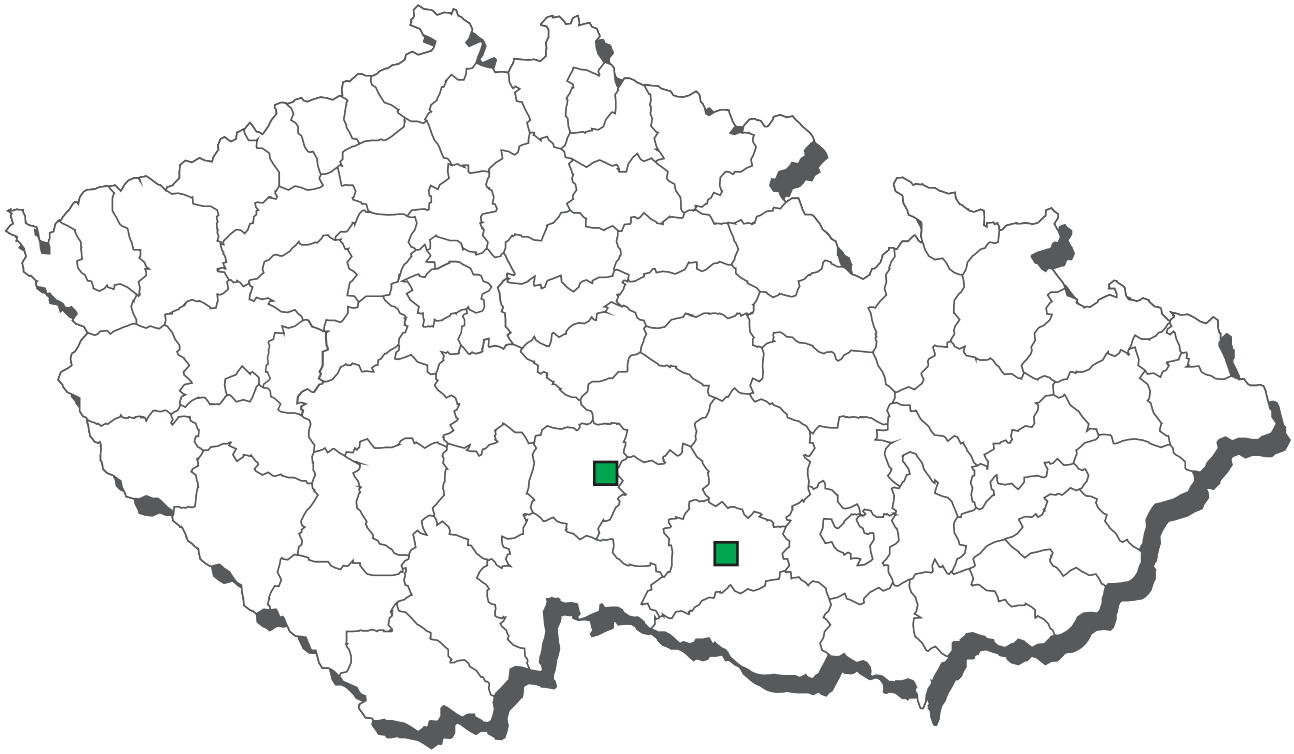
sampling date	cadastral district (sampling)	origin	value
sum PCB			
11.09.2019	Karlovy Vary	Mezirolí (okres Karlovy Vary)	39,489 ng/g

wild ducks - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a dieldrin	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	0,00050	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

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

CL 2019 - sampling of hares



Hares - non-compliant results 2019

lead - muscle

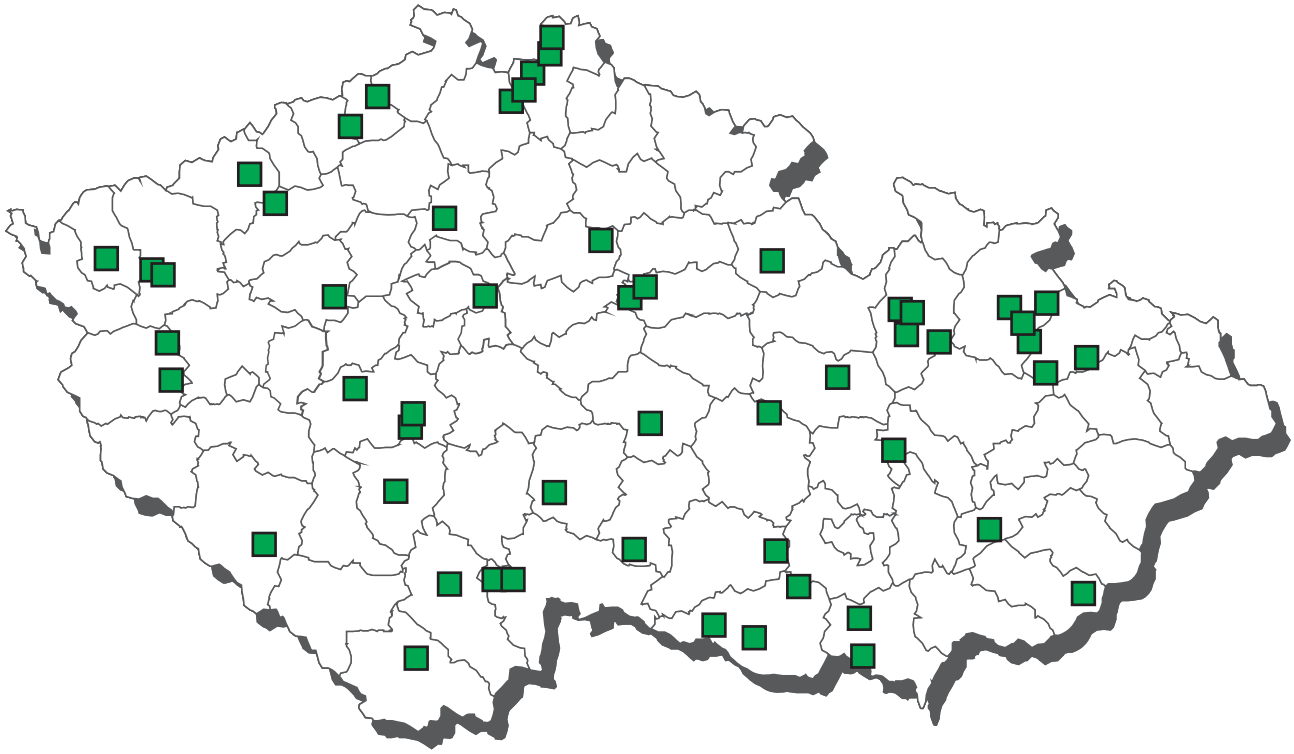
hares - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	1	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00040	mg/kg
B3a alfa-HCH	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a beta-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a DDT (sum)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a endosulfan (sum)	1	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a endrin	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 heptachlor	1	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a hexachlorbenzen	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a chlordan	1	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00045	mg/kg
B3a sum PCB	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3c cadmium	3	1	33,3	0	0,0	0,00933	n.d.	0,01890	0,02300	mg/kg
B3c lead	3	1	33,3	1	33,3	0,27333	n.d.	0,64900	0,81000	mg/kg
B3c mercury	3	3	100,0	0	0,0	0,00057	0,00060	0,00060	0,00060	mg/kg

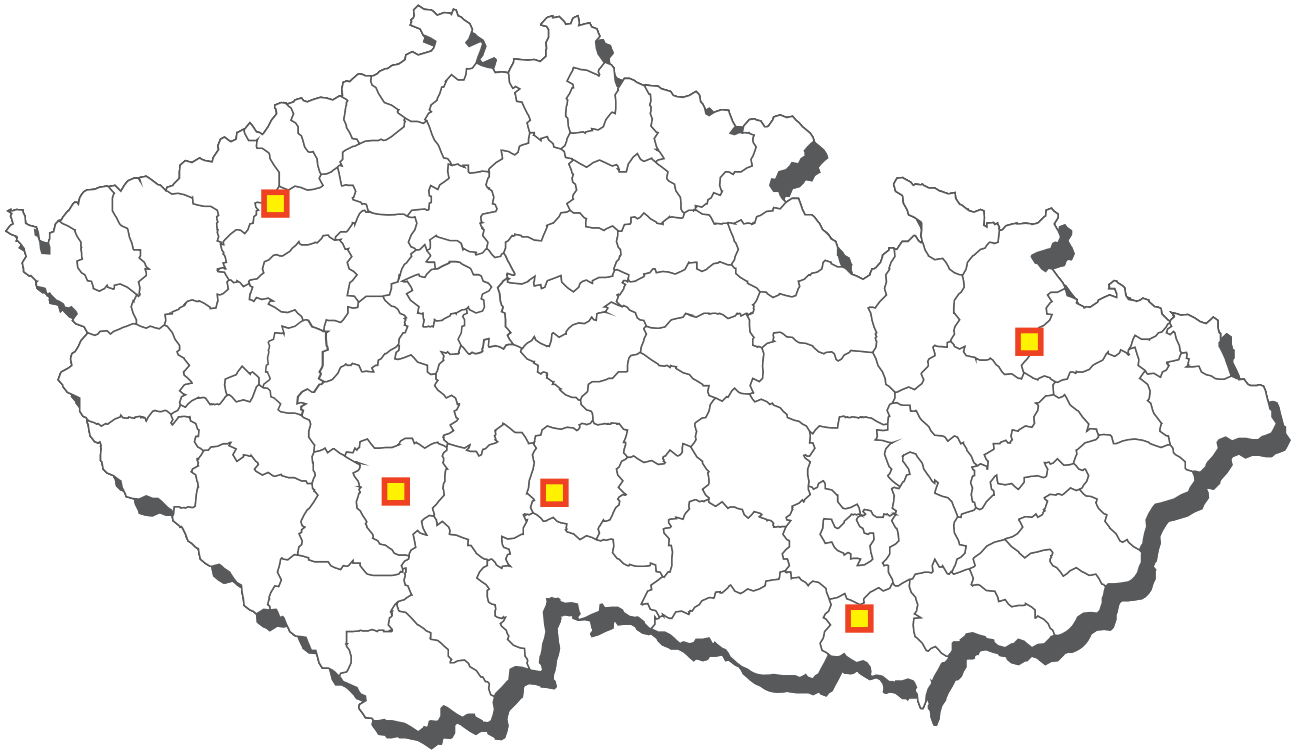
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	1	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	1	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a sum PCB	AL - 40 ng/g fat	1	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	3	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	2	0	0	0	0	1
B3c mercury	MRL - 0,04 mg/kg	3	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
lead			
14.12.2019	Třebíč	Klučov	0,81 mg/kg

CL 2019 - sampling of wild boar (feral pigs)



Wild boar (feral pigs) - non-compliant results 2019



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)	8	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	8	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	8	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	8	7	87,5	0	0,0	0,02121	0,00640	0,04840	0,07500	mg/kg
B3a endosulfan (sum)	8	0	0,0	0	0,0	0,00053	n.d.	n.d.	0,00070	mg/kg
B3a endrin	8	0	0,0	0	0,0	0,00012	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	8	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	8	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	8	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	8	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	8	2	25,0	0	0,0	4,80400	n.d.	7,62720	14,92400	ng/g
B3c cadmium	46	11	23,9	0	0,0	0,00225	n.d.	0,00300	0,00600	mg/kg
B3c lead	46	14	30,4	**5**	**10,9**	0,51435	n.d.	0,15000	13,20000	mg/kg
B3c mercury	46	45	97,8	0	0,0	0,00414	0,00300	0,00885	0,01400	mg/kg
B3f 2,2',3,4,4',5',6-HeptaBDE	3	1	33,3	0	0,0	0,00810	n.d.	0,01244	0,01430	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	1	33,3	0	0,0	0,01090	n.d.	0,01965	0,02340	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	1	33,3	0	0,0	0,00777	n.d.	0,01164	0,01330	ng/g
B3f 2,2',4,4',5-PentaBDE	3	1	33,3	0	0,0	0,01430	n.d.	0,02900	0,03530	ng/g
B3f 2,2',4,4',6-PentaBDE	3	1	33,3	0	0,0	0,00880	n.d.	0,01412	0,01640	ng/g
B3f 2,2',4,4'-TetraBDE	3	2	66,7	0	0,0	0,01927	0,00520	0,04104	0,05000	ng/g
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f sum PCB	3	1	33,3	0	0,0	18,98667	n.d.	39,26800	47,96000	ng/g fat
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	1,08900	0,67400	1,68680	1,94000	pg/g fat
B3f WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,64800	0,55300	0,83700	0,90800	pg/g fat

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	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 DDT (sum)	MRL - 1 mg/kg	8	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	8	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	8	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	8	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a sum PCB	AL - 10 ng/g	7	0	0	1*	0	0
B3c cadmium	AL - 0,1 mg/kg	46	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	40	0	1	0	0	**5**
B3c mercury	MRL - 0,04 mg/kg	46	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	AL - 4 pg/g fat	3	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	AL - 2 pg/g fat	3	0	0	0	0	0

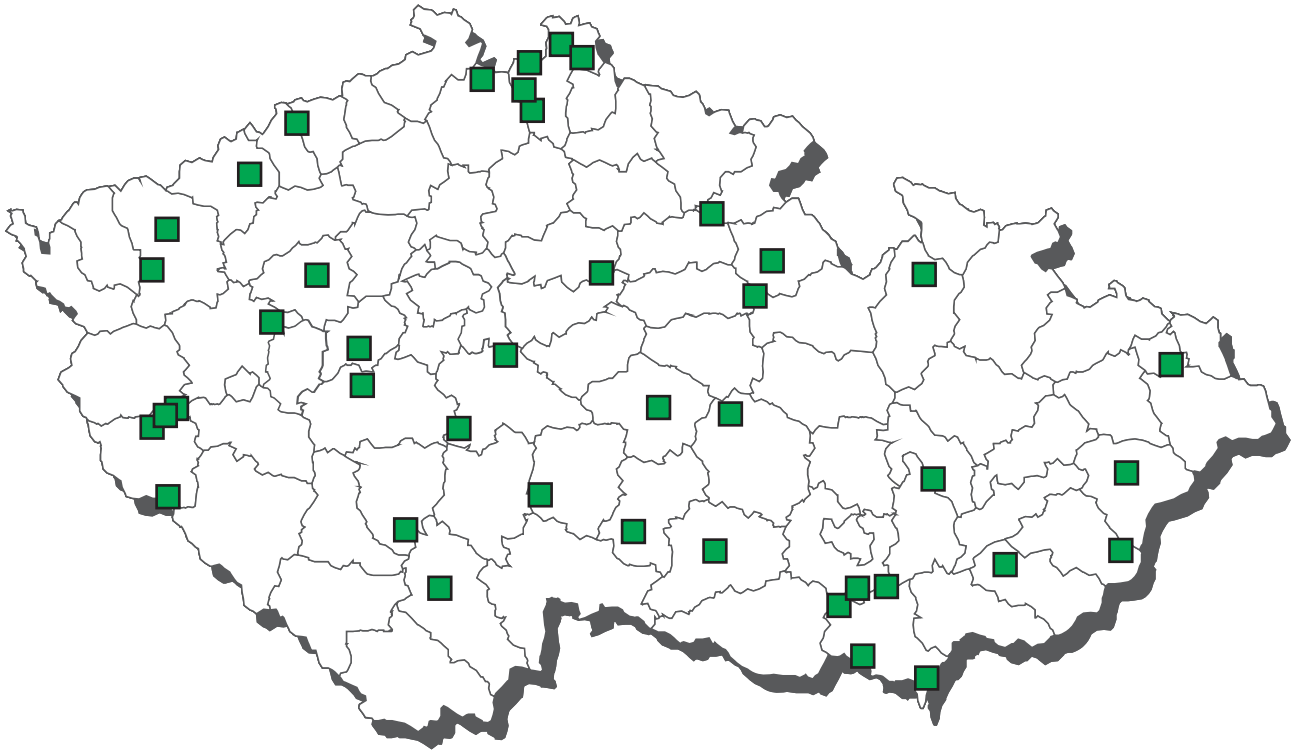
* complies with AL - 40 ng.g-1 fat, resp. 10 ng.g-1 within within expanded uncertainty of measurement

sampling date	cadastral district (sampling)	origin	value
lead			
09.07.2019	Brno-venkov	Pouzdřany (okres Břeclav)	0,22 mg/kg
14.03.2019	Cheb	Žiželice u Žatce (okres Louny)	1,86 mg/kg
01.08.2019	Písek	Tukleky u Oslova (okres Písek)	7,68 mg/kg
23.08.2019	Kroměříž	Bílčice (okres Bruntál)	0,29 mg/kg
11.11.2019	Pelhřimov	Lidmaň (okres Pelhřimov)	13,2 mg/kg

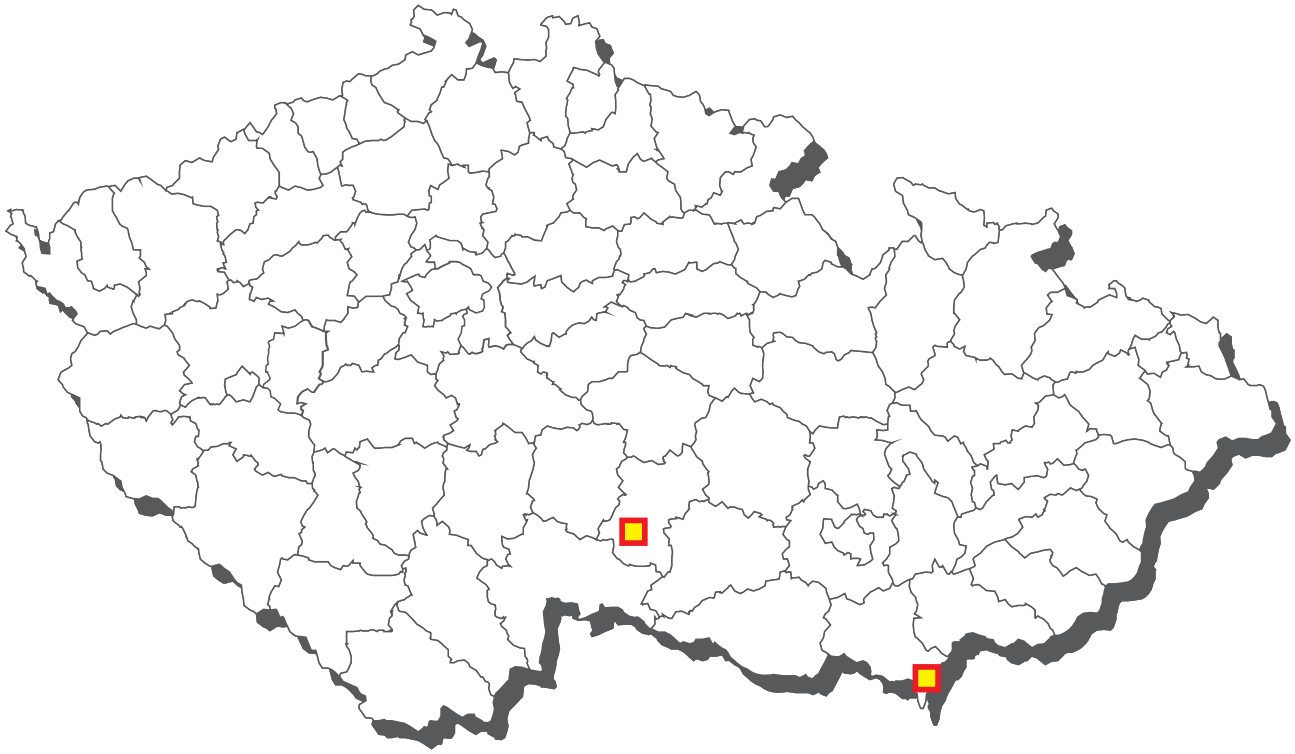
wild boar (feral pigs) - liver - monitoring

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 2019 - sampling of other cloven-hoofed animals



Other cloven-hoofed animals - non-compliant results 2019



lead - muscle

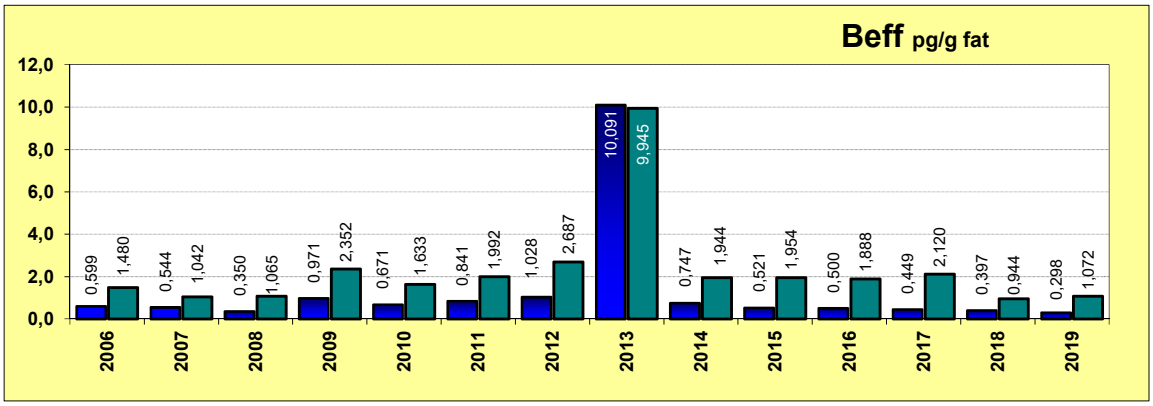
other cloven-hoofed animals - muscle - monitoring

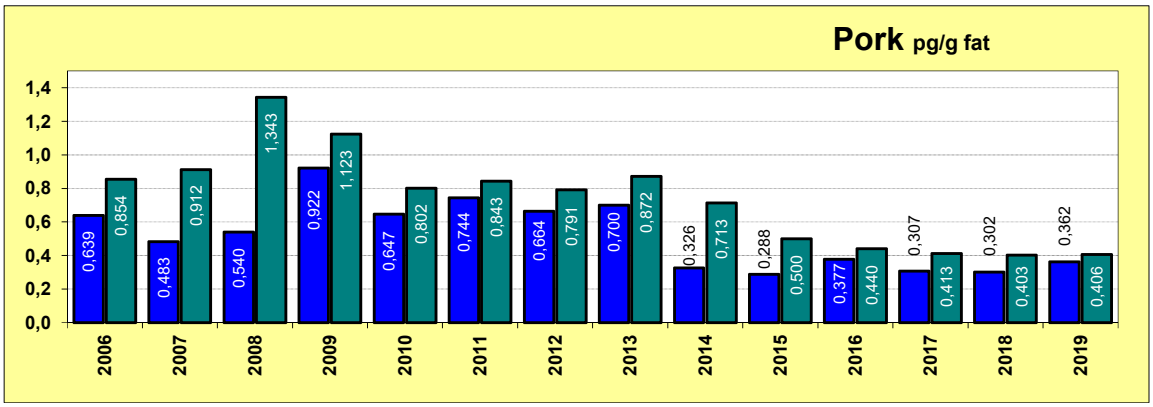
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	2	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	2	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a endosulfan (sum)	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a endrin	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	2	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	2	0	0,0	0	0,0	0,00048	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c cadmium	46	2	4,3	0	0,0	0,00198	n.d.	n.d.	0,00300	mg/kg
B3c lead	46	10	21,7	**2**	**4,3**	1,38250	n.d.	0,02500	61,00000	mg/kg
B3c mercury	46	25	54,3	0	0,0	0,00132	0,00050	0,00200	0,01440	mg/kg

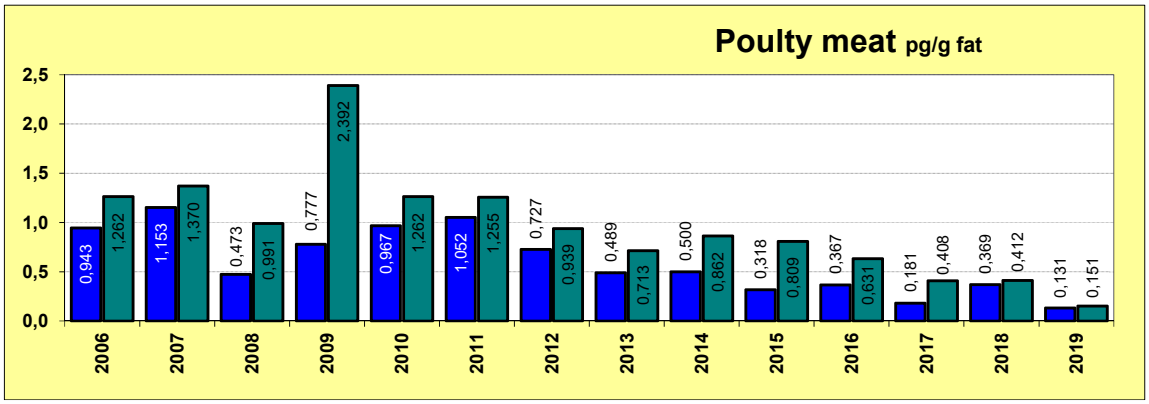
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (sum)	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	2	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a endosulfan (sum)	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,005 mg/kg	2	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a sum PCB	AL - 10 ng/g	2	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	46	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	44	0	0	0	0	**2**
B3c mercury	MRL - 0,04 mg/kg	46	0	0	0	0	0

sampling date	cadastral district (sampling)	origin	value
lead			
22.02.2019	Břeclav	Židlochovice	2,24 mg/kg
12.09.2019	Jihlava	Třeštice	61 mg/kg

The average dioxins content in foodstuffs and raw material

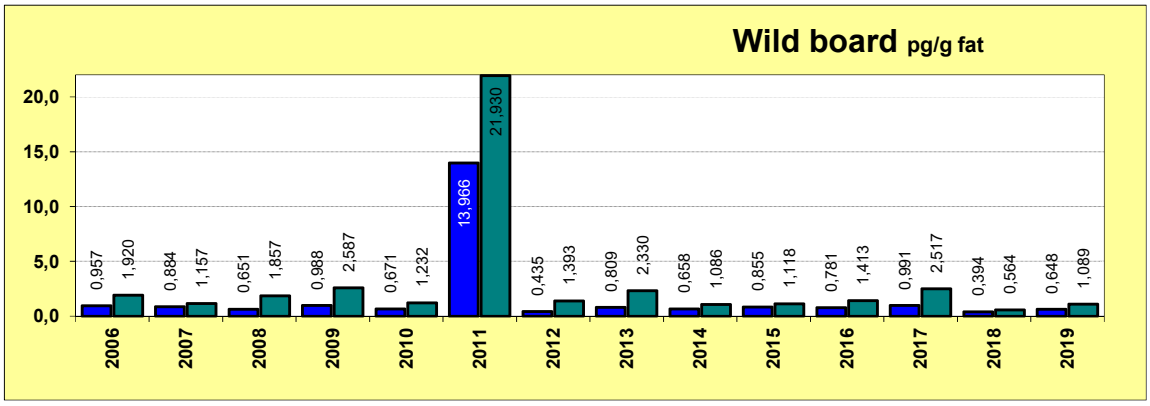


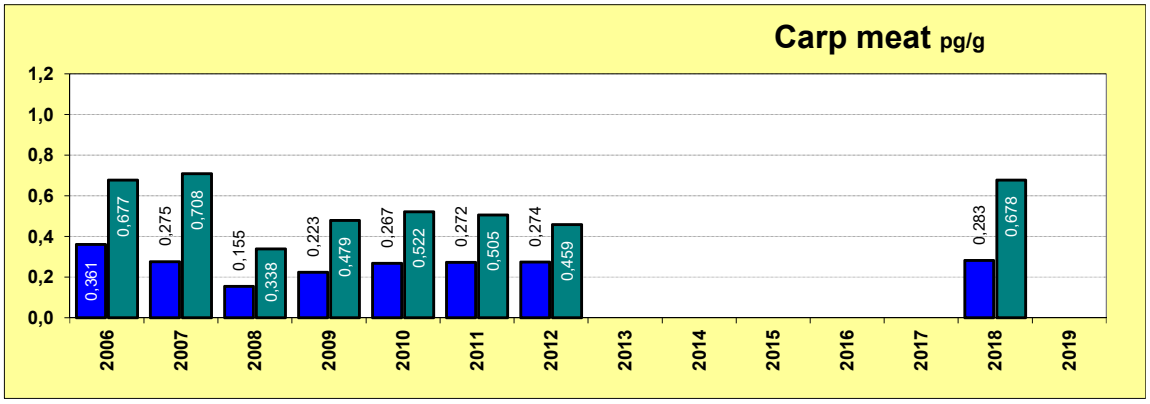


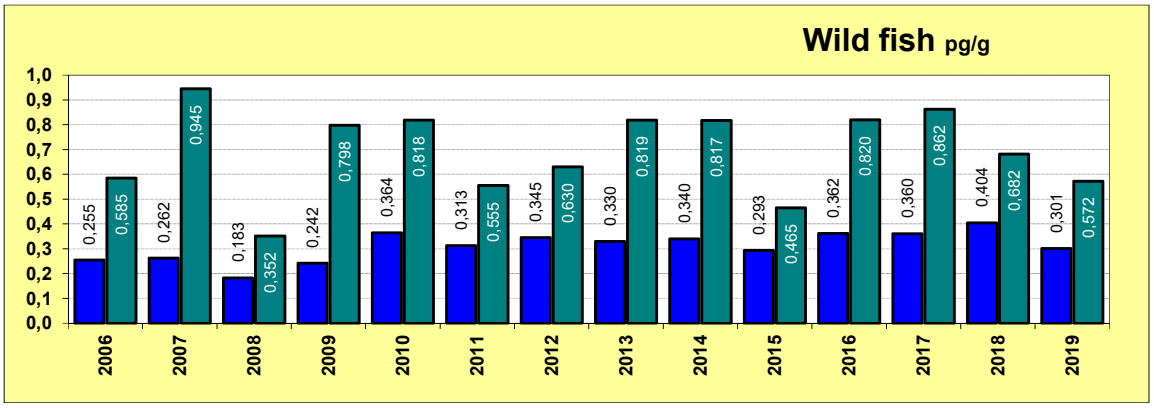


WHO-PCDD/F-TEQ
WHO-PCDD/F-PCB-TEQ

The average dioxins content in foodstuffs and raw material

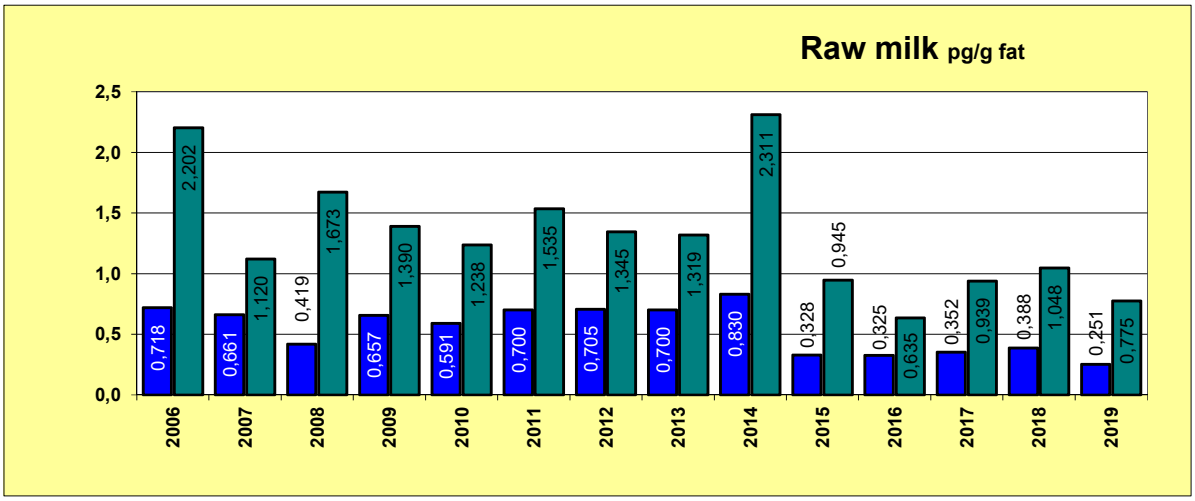


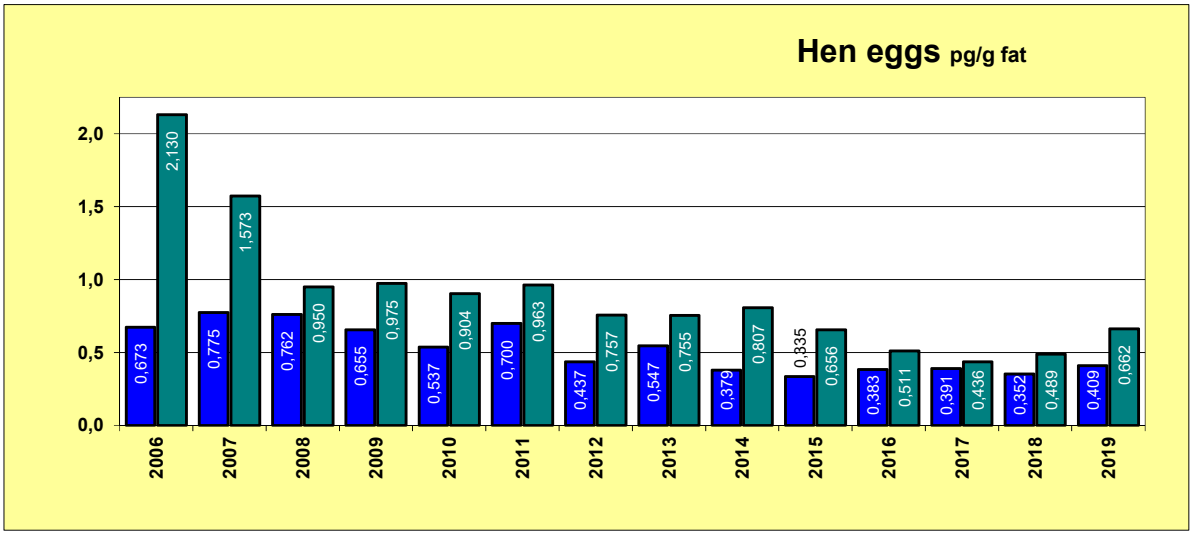


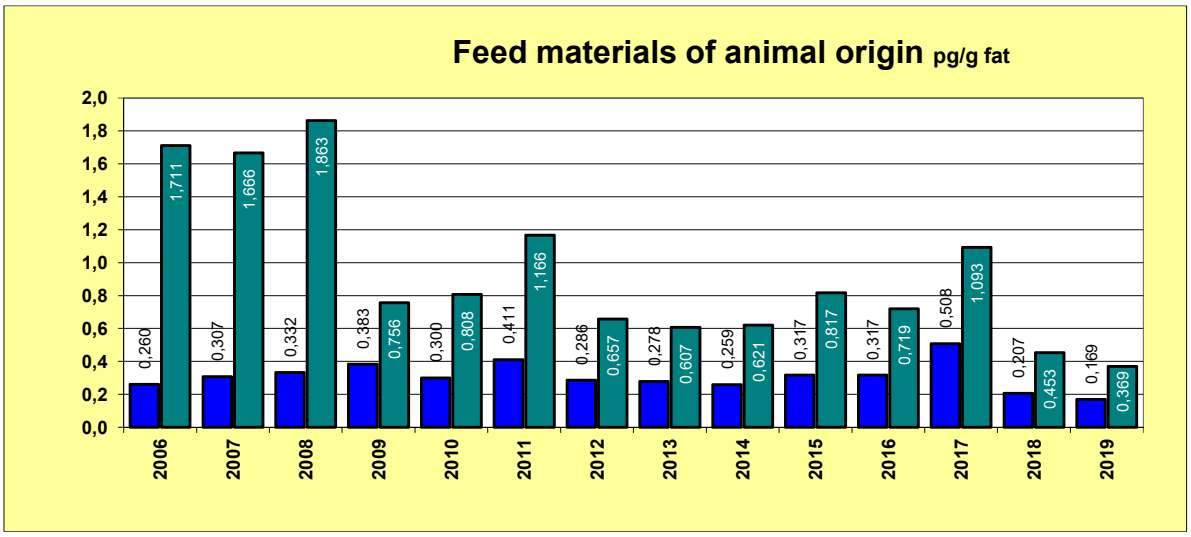


WHO-PCDD/F-TEQ
WHO-PCDD/F-PCB-TEQ

The average dioxins content in foodstuffs and raw material

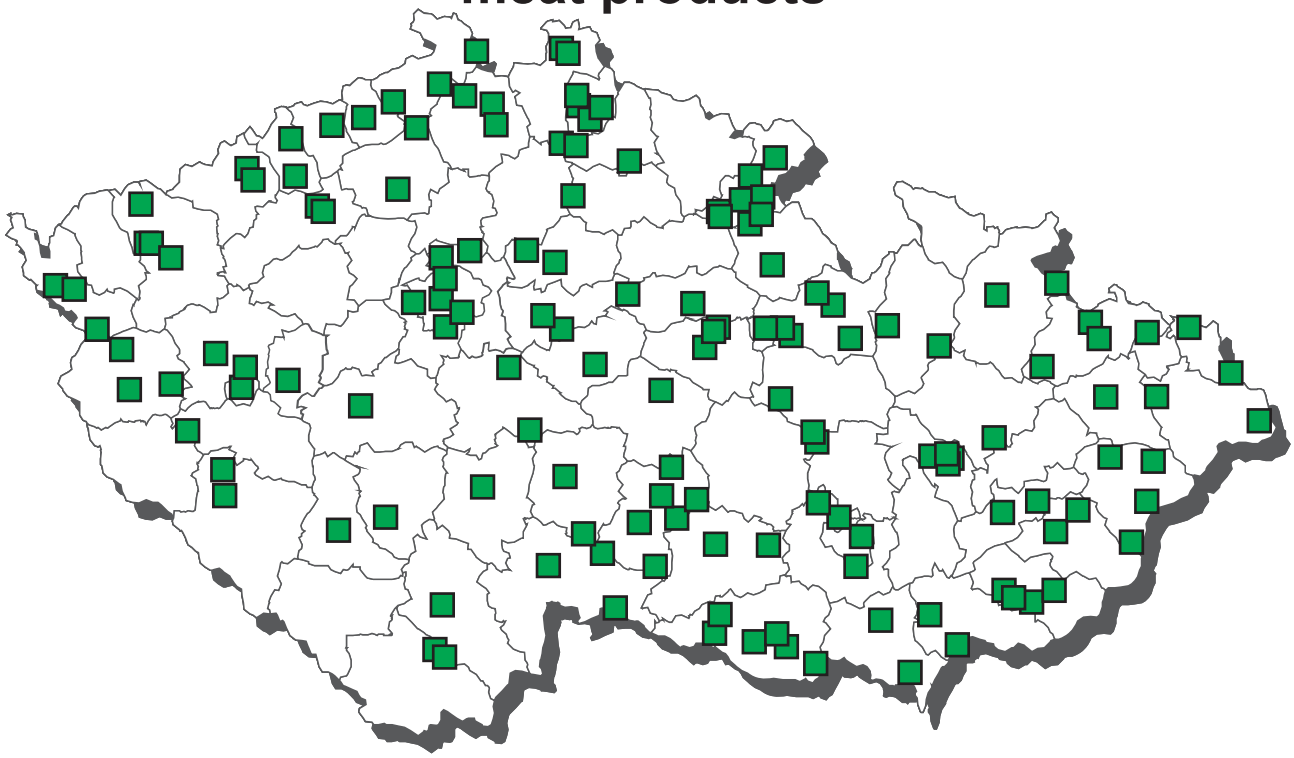




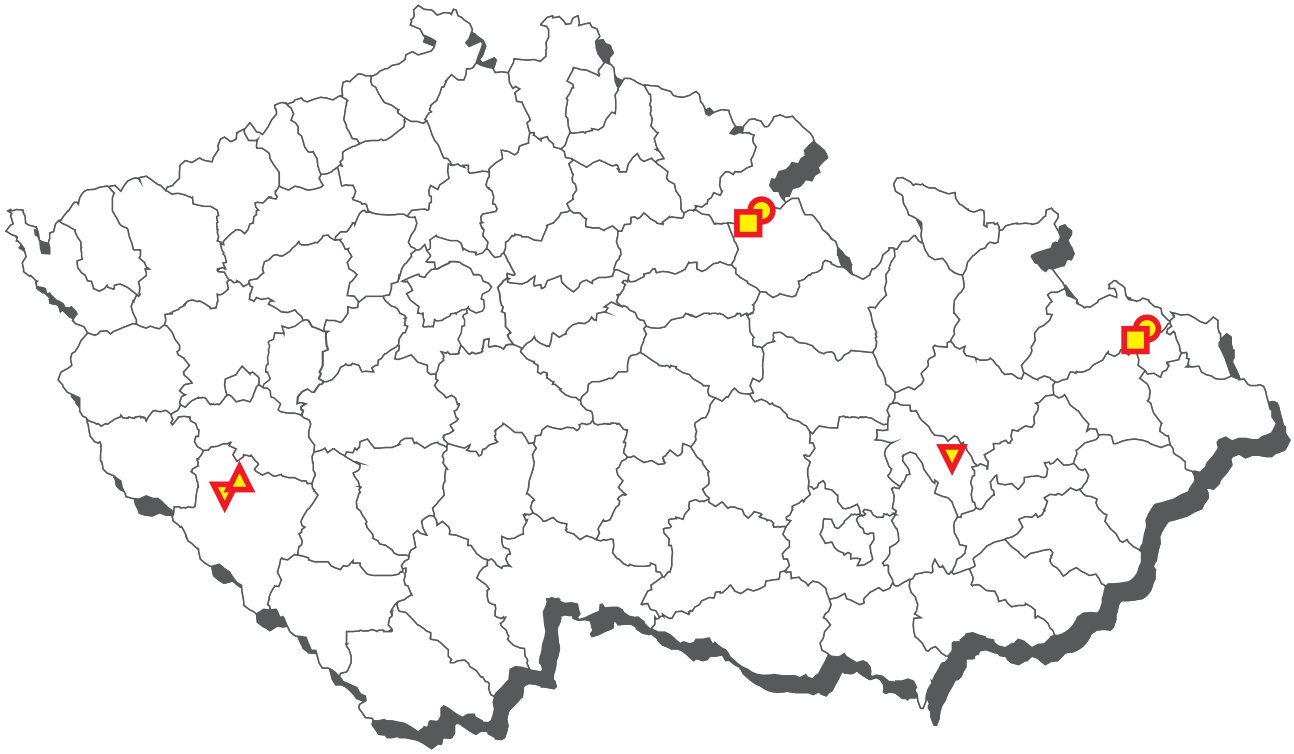


WHO-PCDD/F-TEQ
WHO-PCDD/F-PCB-TEQ

CL 2019 - Sampling of meat products and poultry meat products



Meat products and poultry meat products - non-compliant results 2019



benzoic acid
sorbic acid
PAH4
benzo(a)pyren

meat and meat products from horse meat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e carprofen	21	0	0,0	0	0,0	1,48810	n.d.	n.d.	2,50000	µg/kg
B2e diclofenac	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flufenamic acid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	21	0	0,0	0	0,0	1,48810	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	21	0	0,0	0	0,0	1,48810	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	21	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	21	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

meat products from game meat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	18	6	33,3	0	0,0	0,00308	n.d.	0,00630	0,01100	mg/kg
B3c lead	18	11	61,1	0	0,0	0,02461	0,01950	0,04830	0,10500	mg/kg
B3c mercury	4	2	50,0	0	0,0	0,00250	0,00075	0,00590	0,00800	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	16	1	0	1*	0	0

* compliant (within expanded uncertainty of measurement)

heat-untreated meat products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	4	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	4	0	0,0	0	0,0	0,00024	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 DDT (sum)	4	0	0,0	0	0,0	0,00058	n.d.	n.d.	0,00060	mg/kg
B3a endosulfan (sum)	4	0	0,0	0	0,0	0,00065	n.d.	n.d.	0,00070	mg/kg
B3a endrin	4	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	4	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	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	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	4	0	0,0	0	0,0	3,37500	n.d.	n.d.	4,50000	ng/g fat
B3e E102 - tartrazine	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e E104 - quinoline yellow	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e E110 - sunset yellow FCF	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e E120 - cochineal, carminic acid, carmi	3	3	100,0	0	0,0	18,06667	14,00000	28,64000	32,30000	mg/kg
B3e E122 - azorubine	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e E123 - amaranth	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	mg/kg
B3e E124 - Ponceau 4R	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e E128 - red 2G	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,12500	mg/kg
B3e E129 - allura red AC	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e E131 - patent blue V	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	mg/kg
B3e E132 - indigotine	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e E133 - brilliant blue	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	mg/kg
B3e E142 - green S	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	mg/kg
B3e E151 - brilliant black	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e synthetic colours (sum)	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B3f benzoic acid	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	mg/kg
B3f sorbic acid	4	1	25,0	0	0,0	3,52500	n.d.	6,07000	7,60000	mg/kg

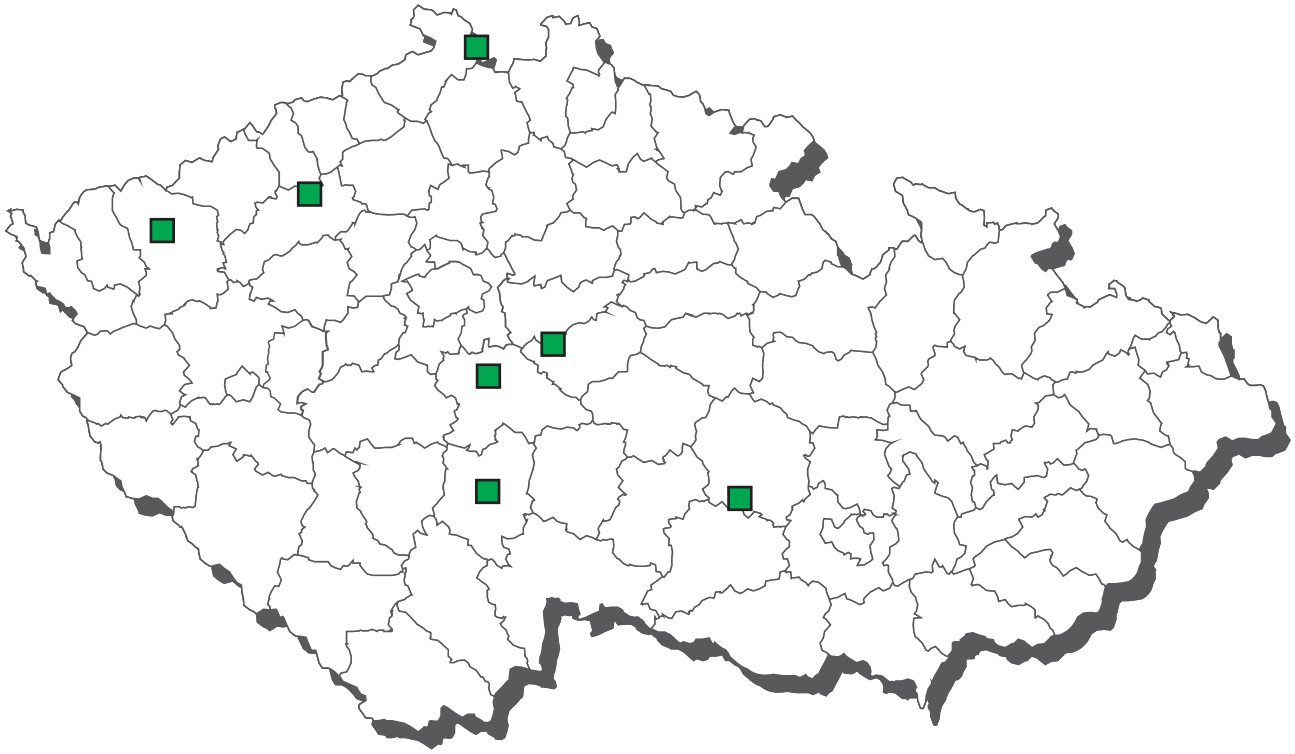
heat-treated meat products - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin, dieldrin (sum)	36	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	36	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	36	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	36	1	2,8	0	0,0	0,00058	n.d.	n.d.	0,00310	mg/kg
B3a	endosulfan (sum)	36	0	0,0	0	0,0	0,00053	n.d.	n.d.	0,00070	mg/kg
B3a	endrin	36	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	36	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	36	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	36	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	36	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	36	0	0,0	0	0,0	4,16667	n.d.	n.d.	4,50000	ng/g fat
B3e	E102 - tartrazine	19	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e	E104 - quinoline yellow	19	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e	E110 - sunset yellow FCF	19	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e	E120 - cochineal, carminic acid, carmi	18	8	44,4	0	0,0	5,89444	n.d.	11,82000	15,30000	mg/kg
B3e	E122 - azorubine	19	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e	E123 - amaranth	19	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	mg/kg
B3e	E124 - Ponceau 4R	19	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e	E128 - red 2G	37	0	0,0	0	0,0	0,07365	n.d.	n.d.	0,12500	mg/kg
B3e	E129 - allura red AC	19	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e	E131 - patent blue V	19	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	mg/kg
B3e	E132 - indigotine	19	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e	E133 - brilliant blue	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	mg/kg
B3e	E142 - green S	19	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	mg/kg
B3e	E151 - brilliant black	19	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e	synthetic colours (sum)	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B3f	benzo(a)pyren	40	28	70,0	**2**	**5,0**	0,57780	0,14000	1,01700	8,03000	µg/kg
B3f	benzoic acid	31	1	3,2	**1**	**3,2**	3,65484	n.d.	n.d.	38,30000	mg/kg
B3f	sorbic acid	31	3	9,7	**2**	**6,5**	7,65484	n.d.	n.d.	163,60000	mg/kg
B3f	PAH4	40	40	100,0	**2**	**5,0**	4,64918	1,22500	8,95600	63,28000	µg/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	36	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,01 mg/kg	36	0	0	0	0	0
B3a	beta-HCH	MRL - 0,01 mg/kg	36	0	0	0	0	0
B3a	endosulfan (sum)	MRL - 0,05 mg/kg	36	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	36	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,01 mg/kg	36	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	36	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,01 mg/kg	36	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	36	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	36	0	0	0	0	0
B3f	benzo(a)pyren	MRL - 2 µg/kg	36	2	0	0	0	**2**

sampling date	cadastral district (sampling)	origin	value
benzo(a)pyren			
14.05.2019	Náchod	Náchod	5,77 µg/kg
13.11.2019	Opava	Opava	8,03 µg/kg
benzoic acid			
02.10.2019	Klatovy	Klatovy	38,3 mg/kg
sorbic acid			
11.03.2019	Prostějov	Prostějov	5,5 mg/kg
02.10.2019	Klatovy	Klatovy	163,6 mg/kg
PAH4			
14.05.2019	Náchod	Náchod	41,2 µg/kg
13.11.2019	Opava	Opava	63,28 µg/kg

CL 2019 - sampling of milk products



Milk products - non-compliant results 2019

natamycin - ripening cheese

milk products - ripening cheese - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	4	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	4	0	0,0	0	0,0	0,00020	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 DDT (sum)	4	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00055	mg/kg
B3a endosulfan (sum)	4	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00050	mg/kg
B3a endrin	4	0	0,0	0	0,0	0,00014	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	4	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	4	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	4	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3f natamycin	14	1	7,1	1	7,1	44,70000	n.d.	n.d.	495,80000	µg/kg

sampling date	cadastral district (sampling)	origin	value
natamycin			
20.08.2019	Prostějov	Prostějov	495,8 µg/kg

milk products - cream cheese - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	4	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	4	0	0,0	0	0,0	0,00020	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 DDT (sum)	4	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00055	mg/kg
B3a endosulfan (sum)	4	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00050	mg/kg
B3a endrin	4	0	0,0	0	0,0	0,00014	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	4	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	4	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	4	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

milk products - fresh cheese - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	8	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	8	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	8	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	8	1	12,5	0	0,0	0,00067	n.d.	0,00096	0,00180	mg/kg
B3a endosulfan (sum)	8	0	0,0	0	0,0	0,00059	n.d.	n.d.	0,00070	mg/kg
B3a endrin	8	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	8	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	8	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	8	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	8	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	8	0	0,0	0	0,0	3,75000	n.d.	n.d.	4,50000	ng/g fat

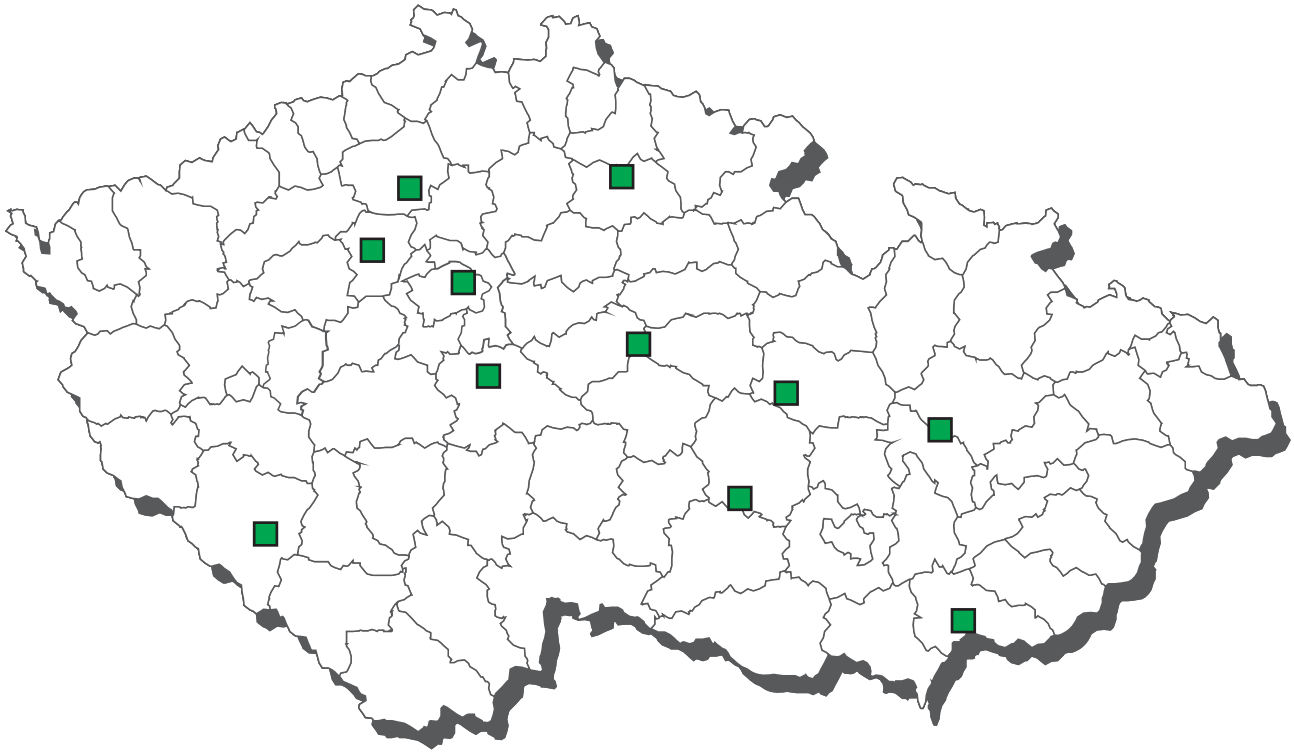
milk products - other milk products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (sum)	22	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	22	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	22	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	22	3	13,6	0	0,0	0,00128	n.d.	0,00186	0,01000	mg/kg
B3a endosulfan (sum)	22	0	0,0	0	0,0	0,00058	n.d.	n.d.	0,00070	mg/kg
B3a endrin	22	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	22	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	22	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	22	2	9,1	0	0,0	0,00056	n.d.	n.d.	0,00400	mg/kg
B3a chlordan	22	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	22	0	0,0	0	0,0	3,81818	n.d.	n.d.	4,50000	ng/g fat

milk products - drinking milk products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3d aflatoxin M2	37	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg

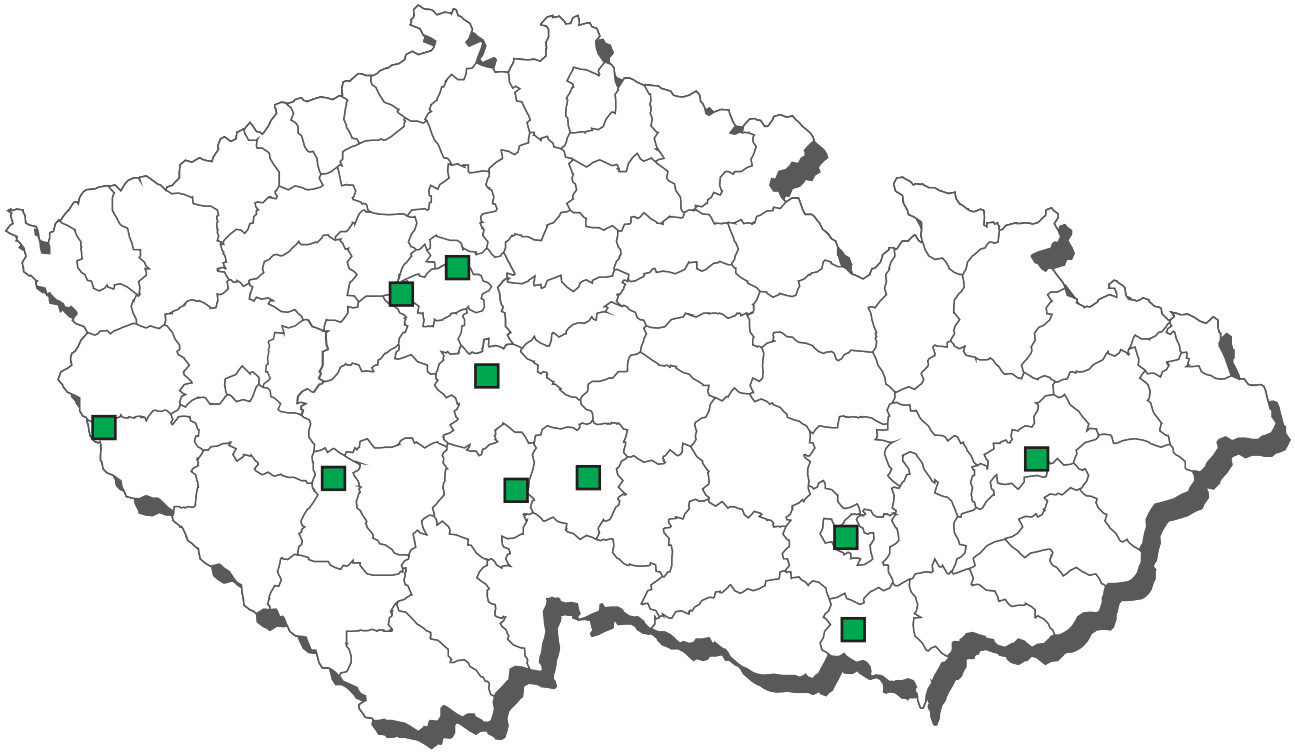
CL 2019 - sampling of egg products



egg products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a coumaphos	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c bifenthrin	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c carbaryl	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c carbofuran	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c cyfluthrin	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c cypermethrin	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c fenpropathrin	20	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,00400	mg/kg
B2c fenvalerát	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c permethrin	20	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c pyridaben	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c lambda-cyhalothrin	20	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2f amitraz	20	0	0,0	0	0,0	4,77500	n.d.	n.d.	4,77500	µg/kg
B3b azinphos-ethyl	20	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b azinphos-methyl	20	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b diazinone	20	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b dichlorvos	20	0	0,0	0	0,0	0,00350	n.d.	n.d.	0,00350	mg/kg
B3b dimethoate	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b ethion	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b etrimfos	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b fenitrothion	20	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3b fenthion	20	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b formothion	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b chlorpyrifos-methyl	20	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b malathion	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3b methamidophos	20	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b omethoate	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b parathion	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b parathion-methyl	20	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b phosphamidon	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b sulfotep	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3b triazophos	20	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3b trichlorfon	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f cyromazine	20	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg/kg
B3f diflubenzuron	20	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg
B3f etoxazole	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f fipronil (sum of fipronil + fipronil supfon)	20	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3f flufenoxuron	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f pyriproxyfen	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f teflubenzuron	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3f thiamethoxam	20	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg

CL 2019 - Sampling of freshwater and marine water fish products



fish products - from freshwater fish - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3f benzo(a)pyren	7	3	42,9	0	0,0	0,18629	n.d.	0,30800	0,44000	µg/kg
B3f PAH4	7	7	100,0	0	0,0	1,22529	0,43000	3,18000	6,69000	µg/kg

fish products - from marine fish - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c tin	27	5	18,5	0	0,0	0,00515	n.d.	0,01140	0,03200	mg/kg
B3c cadmium	27	27	100,0	0	0,0	0,01422	0,00600	0,03540	0,09100	mg/kg
B3c methylmercury	27	25	92,6	0	0,0	0,03504	0,02700	0,06840	0,11000	mg/kg
B3c lead	27	6	22,2	0	0,0	0,00341	n.d.	0,00580	0,01800	mg/kg
B3c mercury	27	26	96,3	0	0,0	0,04599	0,03760	0,08784	0,11500	mg/kg
B3e E102 - tartrazine	4	1	25,0	0	0,0	16,07500	n.d.	44,11000	62,80000	mg/kg
B3e E104 - quinoline yellow	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e E110 - sunset yellow FCF	5	3	60,0	0	0,0	14,87600	9,03000	35,88000	50,10000	mg/kg
B3e E120 - cochineal, carminic acid, carmine	10	1	10,0	0	0,0	5,19000	n.d.	5,19000	29,40000	mg/kg
B3e E122 - azorubine	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e E123 - amaranth	4	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	mg/kg
B3e E124 - Ponceau 4R	5	2	40,0	0	0,0	8,54000	n.d.	21,98000	27,50000	mg/kg
B3e E128 - red 2G	10	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,12500	mg/kg
B3e E129 - allura red AC	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e E131 - patent blue V	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	mg/kg
B3e E132 - indigotine	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B3e E133 - brilliant blue	4	1	25,0	0	0,0	1,75250	n.d.	4,63700	6,56000	mg/kg
B3e E142 - green S	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	mg/kg
B3e E151 - brilliant black	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	mg/kg
B3e synthetic colours (sum)	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	#
B3f benzo(a)pyren	12	9	75,0	0	0,0	0,19417	0,15500	0,36350	0,52000	µg/kg
B3f histamin	21	5	23,8	0	0,0	1,67196	n.d.	1,60000	93,00000	mg/kg
B3f PAH4	12	12	100,0	0	0,0	1,67883	1,02000	4,60280	4,85000	µg/kg