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Contamination of Food Chain with Residues and Contaminants – Situation in the Year 2011

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Summary:

The report contains **data for the year 2011**, as well as certain graphs expressing trends in the average content of residues and contaminants, mainly since the year 1990. Totally **70 479 analyses** were performed in the year 2011 (76 208 analyses in the year 2010), from which 69 635 analyses were performed within planned sampling, 527 analyses within targeted testing of suspect samples and 317 analyses in samples of imported commodities. **Non-compliant findings** represented **0.26 %** of all performed analyses which percentage was higher than in the year 2009 (0.17 %). An increase in the total number of non-compliant analyses is caused mainly by an increase in the number of samples due to a high concentration of lead in game animals (contamination by lead-containing ammunition), residues of an unauthorised veterinary medicinal preparation (malachite green) in fish, as well as targeted testing of samples within tracing causes of contamination in feeds and slaughtered farm animals. It is important that the number of samples of food and raw materials of animal origin non-compliant due to the content of residues and contaminants remains already for second year low. Contrary to the total percentage of non-compliant samples detected in the year 2009 (0.14 %), the total percentage of non-compliant samples in the year (0.03 %), as well as in the year 2010 (0.04 %), was substantially lower. On the other hand, an increase in the total number of non-compliant samples of farm animal tissues from 0.17 % in the year 2010 to 0.20 % in the year 2011 is, *inter alia*, caused by findings of residues of veterinary medicinal preparations (VMP) in pigs (particularly sows), as well as by findings of cadmium and mercury in offal and meat of farm animals at concentrations exceeding specified limits. In the case of feeds for farm animals, a decrease in the number of non-compliant samples (in particular due to an undesirable cross-contamination with coccidiostats) was recorded.

However, the safety of raw materials and food of animal origin could be – from the viewpoint of the content of residues and contaminants – generally assessed as favourable. As apparent from tables containing overviews of examinations for residues and contaminants performed in the year 2011, as well as from trend graphs for previous more than 20 years, an average content of most of monitored residues and contaminants is deeply under specified limits and their incidence was decreasing, except for an increasing trend of cadmium content in bovine kidney. The detection of the residues of VMPs (certain antibiotics) proven particularly in sows, the use of an unauthorised substance malachite green in fish farming, as well as an undesirable cross-contamination with coccidiostats, must be regarded as important.

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1. Introduction

The report for the year 2011 presents results and evaluates the situation concerning the content of **residues and contaminants** in feeds, live animals on farms, raw materials and food of animal origin. The results are processed into tables and graphs, supplemented with short comments on residue and contaminant levels in particular types of samples. The results come from the regular **monitoring** of residues and contaminants carried out in accordance with Council Directives 96/23/EC and 96/22/EC, Commission Decisions 97/747/EC and 98/179/EC which are transposed in Decree of the Ministry of Agriculture of the Czech Republic No 291/2003 concerning the prohibition on the administration of certain substances to animals the products of which are intended for human consumption, and the monitoring in animals and animal products of unauthorised substances, residues and contaminants which may render animal products harmful to human health, as amended. The monitoring plan for each calendar year, as well as the results for the previous year, is submitted to the European Commission for approval annually, by 31 March at the latest.

The results of suspect samples (targeted examinations), as well as those of repeated examinations, are presented in the report for certain sample types as well. Such examinations are carried out in response to non-compliant results in samples analysed within the monitoring or, they are performed as targeted examinations or examinations within emergency control actions, in order to assess certain situations or suspicions on a possible presence of residues of drugs or on an illegal use of unauthorised substances, respectively; such testing is also performed as targeted testing in certain areas with a higher environmental load with certain contaminants. The performance of such examinations, their evaluation in relation to the limits laid down in the relevant legislation, as well as the retrieval of obtained data to the central database, are included in the system of the state supervision on the production of safe food and feed conducted by the State Veterinary Administration of the Czech Republic (hereinafter referred to as the “SVA CR”) pursuant to provisions of § 48 (1) (a) of Act No 166/1999 concerning veterinary care and amending certain related laws (Veterinary Act), as amended.

In the cases when laboratory tests reveal non-compliant levels of any of the analytes monitored, Veterinary Administration bodies act so as to prevent further spread of harmful substances in food chain by means of appropriate measures, including a withdrawal of unsafe goods from market network or ordered seizure (confiscation) of raw materials or foodstuffs sampled.

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

The number of planned samples for chemical analyses is based on the patterns set out by the national legislation and reflects the number of slaughter animals slaughtered in the previous year, the volume of produced milk, eggs and honey, and the number and type of food manufacturers and other plants that handle animal products and subject to veterinary supervision. The samples are official samples and their analyses are paid from the budget of the SVA CR.

The results of analyses of feedingstuffs, raw materials and foodstuffs of animal origin were assessed according to the legislation in force at the time of sampling, i.e. either according to implementing Decrees to Act No 110/1997 concerning foodstuffs and tobacco products and amending and supplementing certain related laws, as amended, which specify maximum residue limits (MRL), maximum permitted levels (MPL) and permitted levels (PL) (i.e. “**hygiene limits**” in general), i.e. Decree No 4/2008 laying down types and conditions of use of certain additives and extraction substances at the manufacturing of foodstuffs and Decree No 305/2004 laying down types of contaminants and substances having toxicological importance and their permitted levels in foodstuffs (with references to the relevant Commission Regulations, or according to the relevant EU Regulations, in particular Commission Regulation (EC) No 1881/2006 of 19 December 2006 setting maximum levels for certain contaminants

in foodstuffs, as amended, Commission Regulation (EC) No 37/2010 of 22 December 2009 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 of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC.

Feedingstuffs are covered by Act No 91/1996 on feedingstuffs, as amended, and its implementing Decree No 356/2008, as amended, setting maximum levels of chemical elements, pesticides, mycotoxins, dioxins and additives.

The levels of monitored substances in water used for watering farm animals were assessed according to Decree No 252/2004 laying down hygiene requirements for potable and warm water and the frequency and scope of checks on potable water.

The analyses of samples were performed at the laboratories of the State Veterinary Institutes (hereinafter referred to as the "SVIs") in Prague, Jihlava and Olomouc and at the Institute for the State Control of Veterinary Biologicals and Medicaments in Brno (hereinafter referred to as the "ISCVBM"). Chemical and toxicological laboratories of the SVIs are **accredited** by the Czech Accreditation Institute (hereinafter referred to as the "CAI"), take part in the testing of control samples regularly and use validated laboratory methods. The analyses of samples for dioxins were carried out at the SVI in Prague.

The results of the examinations of animal body parts (of both farm and wild animals), foodstuffs and raw materials of animal (and plant) origin, feedingstuffs, water used for watering farm animals, and other samples analysed for chemical elements, residues of veterinary medicinal products, residues of pesticides, industrial pollutants, mycotoxins, food additives etc. are kept in the CLX database which is created by the laboratory software of participating laboratories. The data are retrieved monthly for the central processing at the **SVA CR Information Centre in Liberec** using the internal communication network of the SVA CR.

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

n	the number of analyses,
posit.	the number of positive results (exceeding the detection limit of given method),
%pos.	the percentage rate of positive results,
n+	the number of non-compliant results exceeding the hygiene limit in force,
%+	the percentage rate of non-compliant results,
median	the middle value of the result complex (this value is expressed as n. d. = not detected when less than one half of results is positive),
mean	the arithmetic mean of the result complex (for samples with results under the detection limit, one half of the detection limit is counted in the mean; in the case of qualitative results an abbreviation qual. is used instead of a figure),
10% quantile	the minimum value after the exclusion of distant results (this value is expressed as n. d. = not detected when less than 90 % of results are positive),
90% quantile	the maximum value after the exclusion of distant results (this value is expressed as n. d. = not detected when less than 10 % of results are positive),
maximum	the maximum value of the result complex.

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

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

2. Animal feed

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

2.1. Feed materials of animal origin

The examination of feed materials and feedingstuffs of animal origin for the presence of residues and contaminants concentrated on imported fish meals and certain products of rendering plants (rendered fats). Feed fish meals traded within the territory of the EU or imported from South America (Peru) and Baltic region were the subject of our monitoring, with respect to the content of chemical elements (heavy metals), "dioxins" (polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans /PCDD/PCDF/), "dioxin-like" PCB (PCB having dioxin effect /DL-PCB/), PCDD/F-PCB sum and "brominated flame retardants" (BFR – used for the restriction of the ignition of combustible materials; they pose a chronic toxicity, long-term environmental persistence and long-term accumulation in biological systems).

Levels of dioxins, expressed as World Health Organisation (WHO) toxic equivalent using the WHO-toxic equivalency factors (WHO-TEFs), i.e. hereinafter referred to as "WHO-PCDD/F-TEQ", exceeding specified limits, were detected in two samples of imported fish meals originating from Estonia. The entire consignment of the fish meal concerned was returned back to the country of origin for a safe disposal. The level of dioxins and DL-PCS was at the threshold of specified limit in one case; however, with respect to the calculation of measurement uncertainty, the sample complied. In other cases of imported fish meals, detected concentrations of chlorinated pesticides, polychlorinated biphenyls (PCB) and heavy metals were safely under maximum limits. Brominated flame retardants (BFR) were not detected at measurable concentrations. From this viewpoint, the quality of imported fish meals was satisfactory, except for fish meals from fish originating from Baltic Sea, where a higher contamination of certain fish species (cod, herring) with dioxins is generally known.

The samples of feeding raw materials (rendered fats) did not contain levels of polychlorinated biphenyls (PCB), dioxins and brominated flame retardants (BFR) exceeding specified limits. The levels of these substances did not exceed 50 % of specified limits.

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2.2. Complete and supplementary feedingstuffs

Non-compliant concentrations of feed additives, i.e. coccidiostats monensin (2x), narasin (2x), robenidine (1x), salinomycin (1x) and maduramicin (1x) were detected in 7 cases in complete feedingstuffs/compound feedingstuffs for poultry and rabbits. In the year 2010, totally 17 non-compliant samples (due to the presence of an unauthorised concentration of coccidiostats) were detected. Robenidine and in particular salinomycin were detected in five samples of compound feedingstuffs within targeted testing. Coccidiostats are feed additives, the use of which is unauthorised in feedingstuffs intended for certain poultry categories (laying hens in particular) or in feedingstuffs intended for the final stage of fattening poultry or, the content of which cannot exceed specified limits. Certain cases were caused by "cross-contamination" of the feedingstuff in question, either at its manufacture, or on the farm. Individual cases were solved to in co-operation with the Central Institute for Supervising and Testing in Agriculture (hereinafter referred to as the "CISTA"); a number of repeated and targeted tests were performed and rectification measures, in particular a thorough cleansing of feed reservoirs and routes, were ordered. Farmers were warned of a possible contamination of feed routes, the necessity to abide by withdrawal periods at the use of feedingstuffs containing coccidiostats and of the consistency at meeting feeding procedures.

The residues of unauthorised VMPs (unauthorised administration) were not proven, as well as residues of unauthorised substances and other veterinary medicinal products. The residues of pesticides and PCB were not detected in any sample of other complete feedingstuffs, except for three samples of fodder grain meal residues intended for swine containing high levels of DDT sum and detected within targeted tracing of the source of contamination of meat from this farm. A small-capacity holding was concerned in this case, established in an adapted old building in which pesticides containing DDT or, grains contaminated with this pesticide which is not used for tens of years were ground, respectively, in the past. So, the results detected related to the dust and various residues of feed materials from the stable environment. The facilities were cleaned and sanitised. In all other tested samples, the content of chemical elements did not exceed specified limits, as well as the limits set for mycotoxins. The concentrations of detected residues and contaminants did not exceed specified limits in any sample, with the only exception of arsenic, and they fell into an interval under 50 % of specified limits.

The graphic expression of trends in the content of chemical elements in compound feedingstuffs reflects almost stabilised content of arsenic and cadmium at low levels with respect to specified limits and, in the case of lead and mercury, a minute decrease in its concentration in feeds during last years.

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Table	Results for compound feedingstuffs for bovine	p. 36
Graph	The average content of R+C in complete and supplementary feedingstuffs (1991(2)-2011)	p. 37

2.3. Water used for watering animals

The examination of water used for watering farm animals is part of checking whether animals do not obtain harmful substances in such a way or, whether unauthorised medicinal products or anabolic substances are not administered to them by means of water. Such examination is carried out only in the case of a justified suspicion or within the targeted back-tracing of positive findings in farm animals or, by random sampling. One sample of water used for watering animals was tested for the presence of chloramphenicol traces, 3 samples were tested for the presence of mercury. The results did not confirm an original suspicion on the source of contamination of farm animals. Within planned testing, 5 samples of water for watering poultry were tested for the presence of unauthorised nitroimidazoles (dimetridazole, metronidazole, ronidazol), 5 samples of water for watering bovine animals were tested for the presence of substances from the group of beta-blocking agents (unauthorised substances having anabolic effect); no residues proving an illegal use of these substances were detected in any case.

Table	Results for water used for watering farm animal	p. 38
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3. Foodstuffs of animal origin

Samples of raw materials and foodstuffs for the detection of residues and contaminants were taken directly on farms, at manufacturers, processors or distributors. Analysed samples of foodstuffs of animal origin did not come from market network although many of final products were sampled from commercial packagings. 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 and milk products

Within the monitoring, pooled samples of raw cow's milk were taken on farms; raw sheep and goat's milk was sampled only in areas where a higher number of sheep or goats are kept. Samples of milk products came directly from production plants.

3.1.1. Raw cow's milk

The examinations of raw cow's milk samples did not reveal the levels of chemical elements, chlorinated pesticides, organophosphorous insecticides, polychlorinated biphenyls (PCB) and mycotoxins (aflatoxin M1) exceeding limits. All detected concentrations of monitored residues fell into an interval under 50 % of hygiene limits. The residues of unauthorised medicinal products were not detected. The content of dioxins, as well as dioxin and DL-PCB sum did not reach 50 % of maximum limits (3.0 pg/g of fat WHO-PCDD/F-TEQ a 6.0 pg/g of fat WHO-PCDD/F-PCB-TEQ).

Map	Sampling of raw cow's milk	p. 40
Table	Results for raw cow's milk (2 sheets)	p. 41-42

3.1.2. Raw sheep and goat's milk

No levels of monitored chemical elements, pesticide residues and polychlorinated biphenyls (PCB) and dioxins exceeding limits were detected in the samples of raw sheep and goat's milk. All detected concentrations were very low and fell into an interval under 50 % of hygiene limits. The residues of veterinary drugs, unauthorised medicinal products, organophosphorous insecticides and aflatoxin M1 were not found at measurable concentrations, except for one sample of raw sheep milk containing the residues of cefoperazone (a third generation cephalosporin antibiotic) which is not registered for sheep.

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3.1.3. Drinking milk and fresh butter

No levels of chlorinated pesticides, polychlorinated biphenyls (PCB) and aflatoxin M1 exceeding limits were detected in samples of drinking milk, cream and fresh butter. All measurable levels were low and fell mainly into an interval under 50 % of hygiene limits. 10 samples containing residues of a pesticide lindane (gamma-HCH) were at the threshold of maximum limit. The contents of chemical elements complied safely with specified limits in all samples. No non-compliant concentrations of dioxins and DL-PCB were detected in the samples of butter. The content of PCB in bovine milk and milk products is stable and at low levels during more than 10 years, as apparent from the graphic expression of trends in the average PCB content.

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Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2011)	p. 52

3.1.4. Other milk products

In the group of other milk products (in particular fermented milk products but also processed cheese, fresh cheese and ripening cheese), no concentrations of any of the monitored chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding limits were found. All measurable levels fell into an interval under 50 % of specified limits, except for one sample of ripening cheese containing residues of a pesticide lindane (gamma-HCH) at the level at the threshold of 50-70 % of specified limit. The radioisotopes of caesium (^{137}Cs , ^{134}Cs) were not detected at relevant levels.

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3.1.5. Infant and baby formulas

The examinations focused on products intended for infant and baby nutrition containing raw materials of animal origin, in particular milk, as well as on baby food containing plant components. No levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding limits were found in the products; almost all chemical substances were under detection capacity of the methods used. The results of all examinations for the presence of pesticide residues pursuant to Directive 1999/21/EC, as amended by Directive 2006/141/EEC, complied with specified maximum residue limits (hereinafter referred to as the "MRL"); the concentrations of aflatoxins and ochratoxin A were not found at measurable levels. No unauthorised preservation substances and colorants were detected. No content of brominated flame retardants (BFR) was proven.

Map	Sampling of infant and baby formulas	p. 61
Table	Results for infant and baby formulas	p. 62-63

3.2. Hen eggs and egg products

No levels of chlorinated pesticides exceeding limits were found in consumption eggs from the national production sampled at egg sorting plants, as well as the residues of veterinary drugs and unauthorised medicinal substances (chloramphenicol, nitrofurans); the levels of polychlorinated biphenyls and brominated flame retardants (BFR) were low or even immeasurable. The residues of additives (coccidiostats) were not found at measurable levels or only sporadically (nicarbazin) and all levels fell into an interval under 50 % of specified maximum limits, except for one sample containing decoquinate at a low concentration falling into an interval between 50 and 70 % of specified limit. No non-compliant concentrations of dioxins and DL-PCB were detected in the samples of eggs. The results of the sum of dioxins and DL-PCB (PCDD/F-PCB) of egg samples fell into an interval under 50 % of specified limits.

Concentrations of chlorinated pesticides and polychlorinated biphenyls (PCB) in eggs products (eggs blends, dried egg contents) were very low and all of them fell into an interval under 50 % of specified limits.

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Map	Sampling of hen eggs products	p. 67
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3.3. Quail's eggs

No levels of chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding 50 % of hygiene limits were found in quail eggs, all samples complied safely. The residues of veterinary drugs, including unauthorised substances, were not detected at measurable concentrations as well. However, the residues of coccidiostats (robenidine and nicarbazin) were detected in eggs – but under the levels of specified limits.

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3.4. Meat products and canned meat

The levels of residues and contaminants in the group of meat products and poultry meat products reflected their concentrations both in initial raw materials and in other technological raw materials used during their manufacture.

3.4.1. Meat products and poultry meat products

The levels of chlorinated pesticides did not exceed established hygiene limits in all samples of meat products from both red meat (beef, pork) and poultry meat. The results of all examinations for organochlorine substances including PCB fell into an interval under 50 % of specified limits. In one sample (game meat salami), the concentration of lead exceeding limit was found. Neither the EU, not the Czech legislation establishes a limit for lead content in game meat. Due to control and consumer health protection reasons, the Head of the Public Health Protection Authority of the Czech Republic was asked for setting up such a limit and so, the maximum limit for lead was set at the level of 0.1 mg/kg for game meat and 0.15 mg/kg for game meat products (salami, sausages, etc.). In one sample of sausages, the concentration of mercury at the threshold of specified limit was detected; however, after the calculation of measurement uncertainty, the sample complied. The use of a food colorant E 124 – Ponceau 4R, non-authorised for such type of product, was detected in one sample of Gotha salami. Although a trial manufacturing was concerned, the products were disposed of and penalties imposed. A qualitative test proved exceeding of synthetic food colorant sum in one sample of meat product.

As apparent from the graphs, a continuous decrease in the content of DDT and PCB in meat products or, the stabilisation of their concentrations at low levels with respect to hygiene limits, respectively, occurs during the last 20 years.

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3.4.2. Canned meat and canned poultry meat

No levels of chemical elements and organochlorine substances exceeding limits were detected in all samples of canned meat and canned poultry meat products. All the levels fell into an interval under 50 % of hygiene limits. The finding is the same as those from the previous years.

As apparent from the graphs, a continuous decrease in the content of DDT, PCB and chemical elements in canned meat or, the stabilisation of their concentrations at low levels with respect to hygiene limits, respectively, occurs during the last 20 years.

Map	Sampling of canned meat	p. 74
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3.5. Honey

The samples of honey from the national production intended for the analyses for residues and contaminants were taken at honey collection centres or honey processing plants. No measurable levels of chlorinated pesticides, polychlorinated biphenyls (PCB), insecticides, pyrethroids and veterinary drugs, including unauthorised substances (chloramphenicol, nitrofurans), were detected. It is the same favourable situation as in the last year, as well as in previous years. The content of chemical elements was low, the level of lead exceeding limit was detected in one sample only. The results of subsequently performed analyses of two samples of honey were compliant. A decrease in the levels of arsenic, cadmium and lead can be deduced from long-term assessment of mean values of these elements. The content of mercury stabilised at low levels approaching measurement limit. The presence of the radioisotopes of caesium (^{137}Cs , ^{134}Cs) was very low.

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Graph	The average content of R+C in honey (1992-2011)	p. 79

3.6. Marine fish, seafood and freshwater fish products

The group of marine fish, seafood and freshwater fish products is represented, in particular, by marine fish imported either for further processing (marinating, smoking, etc.) in the Czech Republic or, as the final products (canned fish, fish preserves), as well as raw frozen fish and other marine animals (so-called "seafood").

No levels of chlorinated pesticides, toxaphene and polychlorinated biphenyls (PCB) exceeding limits were detected in marine fish and products, including freshwater fish products. No non-compliant levels of biogenous amines (histamine) were detected as well. A higher level of mercury (however complying with the limit for the relevant fish species) was detected in one sample. The content of chemical elements (heavy metals) complied in all samples of marine fish and sea food with specified limits. In one sample, residues of DDT sum falling into an interval from 75 % to 100 % of specified limit were detected.

Map	Sampling of marine fish, seafood and freshwater fish products	p. 80
Table	Results for marine fish, seafood and freshwater fish products	p. 81

4. Farm animals

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

4.1. Bovine animals

4.1.1. Calves

No levels of chlorinated pesticides, polychlorinated biphenyls (PCB), residues of veterinary drugs including unauthorised medicinal substances exceeding limits were detected in veal, calf liver and kidney. All of these substances were present at practically immeasurable levels. The content of chemical elements in all samples of meat, liver and kidney was deeply under hygiene limits. One liver sample contained mercury at the level falling into an interval from 50 % to 75 % of specified limit. No unauthorised substances having a hormonal action were proven in blood and urine of live calves on farms, as well as in fat of slaughtered calves. The level of 17-alpha-19-nortestosterone which might be caused by the use of a synthetic hormonal preparation was detected in calf urine in one case. Testing of further 5 calves for the presence of synthetic hormonal was negative. The detected increase in 17-alpha-19-nortestosterone level was probably caused by stress at slaughtering.

Map	Sampling of calves	p. 82
Table	Results for calves (5 sheets)	p. 83-87

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

The levels of chemical elements in muscle tissue, liver and kidney complied with hygiene limits in all samples examined within planned sampling; the detected levels fell in an interval under 50 % of hygiene limits, except for four liver samples containing mercury at the level falling into an interval between 75 % – 100 % of the limit and four kidney samples containing mercury at the level complying with specified limit after the calculation of measurement uncertainty.

As apparent from the graphical expression of the results, a continuous decrease in the content of arsenic and lead in liver and kidney, and relatively stable low levels of mercury are observed. The average cadmium content increased in bovine kidney for many years; however, a decrease therein was recorded in the year 2011. Nevertheless, it is held that higher levels of cadmium in kidney samples are found in cows, in particular in older animals.

The levels of chlorinated pesticides, polychlorinated biphenyls (PCB) and residues of organophosphorous insecticides complied with required limits in all cases; all levels fell into an interval under 50 % of specified limits. Aflatoxins in liver were not detected at measurable concentrations. The residues of veterinary medicinal products, unauthorised drugs and substances having a hormonal action were detected neither in live animals nor in tissues of slaughtered young bovine animals.

The detection of chloramphenicol (an unauthorised drug for food animals) residues in urine samples on one holding was serious. Subsequent analyses of urine of further five animals confirmed chloramphenicol residues and thus an illegal use of the drug. The entire herd was put under official control and emergency veterinary measures ordered testing of urine samples from all milking cows and young bovine animals on the farm, restriction on the movement of bovine animals, their slaughtering and release into the circulation without previous negative results of testing for chloramphenicol residues. All milk from milking cows was seized and withdrawn from the delivery to dairy plants; milk of individual cows was gradually released for the delivery to dairy plants only after negative individual testing for chloramphenicol residues. All testing was paid by the holding's owner.

No non-compliant concentrations of dioxins and DL-PCB were detected in muscle tissue samples, except for one sample which, however, complied with the limit after the calculation of measurement uncertainty; mono-ortho PCB (DL-PCB) represented a higher proportion of the total dioxin and DL-PCB sum. The content of brominated flame retardants (BFR) was not detected at measurable concentrations.

Map	Sampling of young bovine animals under 2 years of age	p. 88
Table	Results for young bovine animals under 2 years of age (6 sheets)	p. 89-94
Graph	The average content of R+C in liver of young bovine animals under 2 years of age (1992-2011)	p. 95
Graph	The average content of R+C in kidney of young bovine animals under 2 years of age (1990(1)-2011)	p. 96
Graph	The average content of DDT in foodstuffs and raw materials (1990-2011)	p. 73
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2011)	p. 52

4.1.3. Cows

No concentrations of chemical elements exceeding specified limits were detected in muscle tissue and liver of cows. A vast majority of the levels detected was under 50 % of specified limits, except for one muscle sample containing arsenic at the level falling into an interval between 75 % – 100 % of the limit, two liver samples containing mercury at the level falling into an interval between 75 % – 100 % of the limit and one liver sample containing lead at the threshold of specified limit; however, after the calculation of measurement uncertainty, the sample complied. The level of mercury exceeding specified limit was detected in two kidney samples, the level of cadmium exceeding specified limit was detected in one kidney sample. Cadmium contents falling into an interval between 50 % – 100 % of specified limit were detected in another 13 kidney samples. Emergency veterinary measures were imposed on several holdings, ordering the seizure (confiscation) of all kidneys from all cows of a specified age. The areas with a long-term increased load from surrounding industrial activities or, with specific conditions of cadmium content in soil and subsequently in feedingstuffs are concerned. Five kidney samples contained mercury at the threshold of maximum limits; however, after the calculation of measurement uncertainty, the samples complied. The content of other heavy metals complied with specified limits. All other monitored residues and contaminants from the group of veterinary drugs, unauthorised medicinal substances, chlorinated pesticides, PCB, organophosphorous insecticides and aflatoxins complied with hygiene limits and did not reach

50 % of specified limits. The residues of benzylpenicilin were proven in one kidney sample from a milking cow. Further enquiry performed on the farm did not prove any non-compliance with withdrawal periods and did not confirm the residues of benzylpenicilin in kidney, liver and muscle tissue of another slaughtered cow. The residues of unauthorised substances having a hormonal action were detected in tissues of neither live nor slaughtered animals; no residues of unauthorised substances having a pharmacological action were detected in blood samples as well.

Map	Sampling of cows	p. 97
Table	Results for cows (7 sheets)	p. 98-104

4.2. Sheep and goats

In sheep, no non-compliant levels of chemical elements were detected in muscle samples, except for one site where cadmium concentration exceeding limits was detected in muscle tissue and kidney of one sheep. Further on-the-spot enquiry confirmed a high cadmium concentration in kidney of another three sheep. In the past, glassworks were situated near the farms concerned and thus a higher environmental load with heavy metal might be expected. The monitoring of the impact of such environmental load on animal production still continues. The concentrations of cadmium exceeding specified limit were detected in two sheep liver samples coming from another two sites.

Most of the residues of veterinary drugs were not detected at measurable concentrations, as well as the content of chlorinated pesticides and PCB. No residues of veterinary drugs were detected in sheep liver samples. A low concentration of coccidiostats was detected in five samples. A higher, however compliant, cadmium content was detected in one liver sample; two liver samples showed a higher concentration of mercury. The residues of unauthorised substances having a hormonal action, veterinary medicinal products and unauthorised drugs were not detected in any examined sample including urine.

No residues and contaminants exceeding 50 % of hygiene limits were detected in samples of goat's muscle, liver and kidney. The tissues did not practically contain any residues at measurable levels.

Map	Sampling of sheep	p. 105
Table	Results for sheep (5 sheets)	p. 106-110
Map	Sampling of goats	p. 111
Table	Results for goats (2 sheets)	p. 112-113

4.3. Pigs

4.3.1. Fattening pigs

All samples of meat complied with limits for chlorinated pesticides and PCB, except for one sample containing DDT sum exceeding limits; the case was related with environmental contamination of a historical building adapted for housing of pigs – materials containing DDT were stored there, or, grains contaminated with this pesticide were ground there, respectively. Residues of veterinary drugs were not proven in meat samples at measurable levels. The concentration of polychlorinated biphenyls falling into an interval between 75 – 100 % of hygiene limit was detected in one muscle sample; another muscle sample contained mercury between 50 – 75 % of specified limit, further samples contained a higher arsenic concentration, falling into the mentioned interval. No residues of veterinary drugs, organochlorine substances and organophosphorous insecticides were detected in liver samples. The content of chemical elements also complied with maximum limits in all samples; except for two different samples containing lead and mercury in an interval between 75 – 100 % of maximum limits. In kidney samples, exceeding of mercury limit was proven in five samples from different farms; in seven other samples, the levels were at the threshold of maximum limit. Within targeted testing investigating the source of mercury, the concentration of mercury exceeding limit was found in further five samples from two farms. In addition to the influence of mercury content in feeds and mineral feed additives, the possibility to influence the level of mercury in kidney by the use of certain types of vaccines and biologicals containing an antiseptic substance Thiomersal containing an organic form of mercury (ethylmercury), or, the relation between the maximum permitted level of mercury in feeds and tissues of livestock, in particular in kidney, are considered theoretically.

The graphical expression of average results of the examination of pork liver for the content of chemical elements (heavy metals) documents a decreasing content of arsenic and lead and a stable low content of mercury. In kidney, a decreasing trend of the average lead content is apparent, but, on the other hand, the content of cadmium does not show an unambiguous tendency, either towards an increase, or towards a decrease.

No residues of unauthorised medicinal preparations were detected in blood and urine taken from live pigs on farms, except for one finding of 17-beta-19-nortestosterone in urine sample caused by an increased stress of the animal concerned prior to its slaughtering; the examination of fat samples (i.e. perirenal fat) did not prove the use of gestagens as well.

No non-compliant concentrations of dioxins and DL-PCB, expressed as World Health Organisation (WHO) toxic equivalent using the WHO-toxic equivalency factors (WHO-TEFs), were detected in muscle tissue samples; the level of dioxins (PCDD/F) fell into an interval between 75 – 100 % of the limit in one sample and 50 – 75 % in two samples.

The graphical expression of average results of the examination of pork for the content of PCB and DDT unambiguously documents a constantly decreasing content of these contaminants. A slightly higher level of DDT sum in muscle, as compared with the year 2010, was caused by an extremely high DDT content in muscle samples from one pig farm with an environmental load with DDT (the pesticide was used there in the past).

Map	Sampling of pigs	p. 114
Table	Results for pigs (7 sheets)	p. 115-121
Graph	The average content of R+C in liver of pigs (1990(1)-2011)	p. 122
Graph	The average content of R+C in kidney of pigs (1990(1)-2011)	p. 123
Graph	The average content of DDT in foodstuffs and raw materials (1990-2011)	p. 73
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2011)	p. 52

4.3.2. Sows

The residues of inhibitory antimicrobials were proven qualitatively in three muscle samples from sows. In other muscle samples of sows, no concentrations of residues of veterinary drugs exceeding limits were proven by quantitative examinations. All measurable concentration of residues fell in an interval under 50 % of hygiene limits.

In liver samples of sows taken within planned sampling, the residues of dihydrostreptomycin were detected in five samples. At targeted examination, further two samples containing dihydrostreptomycin at the level exceeding limit were detected. Kidney samples of sows contained the levels of antimicrobial drugs (amoxicillin, dihydrostreptomycin, benzylpenicilin) exceeding limits in seven samples. A non-compliance with withdrawal periods for applied preparations was concerned in many cases and the relevant sanctions were applied to farmers in question. The detection of residues in such a number of samples is serious, although it represents approx. 3 % of examined sows only. Targeted testing of kidney proved the residues of dihydrostreptomycin in further two samples; the concentration of mercury exceeding limits was detected in two cases.

Map	Sampling of sows	p.124
Table	Results for sows (6 sheets)	p. 125-130

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 slaughter.

4.4.1. Poultry

No levels of monitored chemical elements exceeding limits were found in chicken broiler muscle samples, all levels detected were under 50 % of maximum limits. No levels of chlorinated pesticides, other pesticides, polychlorinated biphenyls (PCB) and residues of drugs exceeding limits were found in any sample at measurable levels; the only exception, but very serious, was the detection of residues of an unauthorised (for food animals) drug – an antibiotic chloramphenicol in muscle sample of a broiler. Although a thorough on-the-spot check was performed the use of this unauthorised drug was not proven; the examination of water used for watering animals and samples from other broilers did not prove chloramphenicol as well. The results of concentrations of dioxins and DL-PCB, expressed as World Health Organisation (WHO) toxic equivalent using the WHO-toxic equivalency factors (WHO-TEFs), were very low, except for one sample where the measured concentration fell into an interval between 75 % and 100 % of the maximum limit. The content of brominated flame retardants (BFR) was not measurable.

The residues of veterinary drugs, including unauthorised drugs, were practically not detected in liver samples and, except for two liver samples in which the concentration of a coccidiostat semduramycin exceeding limit was found, no residues of other coccidiostats were detected. Mycotoxins were not detected in liver samples at measurable levels.

All muscle and liver samples of culled laying hens complied with the limits for all monitored residues and contaminants in all cases. Mycotoxins were not detected at measurable levels.

No concentrations of chemical elements exceeding maximum permitted levels were found in muscle tissue and liver samples of turkeys; the detected levels were very low. The contents of chlorinated pesticides and polychlorinated biphenyls (PCB) safely met the levels of maximum limits. The residues of veterinary drugs and additives were not proven.

Map	Sampling of chicken	p. 131
Table	Results for chicken (4 sheets)	p. 132-135
Map	Sampling hens	p. 136
Table	Results for hens (3 sheets)	p. 137-139
Map	Sampling for turkeys	p. 140
Table	Results for turkeys (3 sheets)	p. 141-143

4.4.2. Waterfowl

No residues of veterinary medicinal products and unauthorised drugs were detected in muscles and liver of waterfowl (mainly ducks); as well as the residues of chlorinated pesticides and PCB. The content of chemical elements was very low. Mycotoxins were not detected in liver samples at measurable levels.

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

4.5. Ostriches

No levels of chemical elements exceeding limits, as well as the residues of chlorinated pesticides and polychlorinated biphenyls (PCB), were found in muscle and liver samples of ostriches. All results fell into an interval under 50 % of maximum limits or, they were not at measurable levels at all. The residues of drugs or unauthorised medicinal products were not found. The finding is similar to those from the previous years.

Map	Sampling of ostriches	p. 148
Table	Results for ostriches (3 sheets)	p. 149-151

4.6. Quails

Within the monitoring, quails are examined as farmed animals that are slaughtered for meat intended for placing on the market. No levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding limits were found in muscle samples. The residues of veterinary drugs including prohibited substances were not detected at measurable levels. The finding is similar to those from the previous years.

Map	Sampling of quails	p. 152
Table	Results for quails	p. 153

4.7. Rabbits

No levels of monitored chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding limits were found in domestic rabbits; the residues of an antibiotic, unauthorised for this type of farm animal (breeding female animal) – tulathromycin – were found in one case. The use of this drug was proven. Measures

preventing placing on the market of such meat, as well as repeating of the situation, were taken; the examination of further samples proved the rectification of the situation. The residues of other veterinary drugs and additives were not detected at measurable levels in rabbit muscle tissue; the residues of a coccidiostat robenidine in liver were detected in one case; a withdrawal period prior to slaughtering was not complied with apparently and the liver was seized (withdrawn).

Map	Sampling of rabbits	p. 154
Table	Results for rabbits (4 sheets)	p. 155-158

4.8. Horses

Neither the levels of chlorinated pesticides exceeding limits, nor measurable concentrations of prohibited drugs and other veterinary medicinal products were detected in horsemeat. In one slaughtered horse, the residues of veterinary drugs which are not authorised for the use in food animals (phenylbutazon, oxyphenbutazon) were detected. In liver of one horse and in kidney of another one, the concentration of cadmium exceeding limit was found. Neither aflatoxins nor ochratoxin A were detected in liver and kidney samples at measurable levels.

Map	Sampling of horses	p. 159
Table	Results for horses (4 sheets)	p. 160-163

4.9. Farmed cloven-hoofed animals

According to the veterinary legislation, game animals kept on farms in a commercial way are considered to be farm animals and, at the same time, also slaughter animals that are to be slaughtered at approved establishments or, under specified conditions, on farms using hunting weapons.

No levels of chemical elements exceeding limits were detected in muscle samples of such animals, except of one sample containing lead at the level exceeding limits which might be caused due to the contamination by shooting ammunition. The content of chlorinated pesticides and polychlorinated biphenyls (PCB) was low or even immeasurable. No measurable concentrations of the residues of veterinary drugs or unauthorised substances having a hormonal action were detected in muscle and liver of these animals as well.

Map	Sampling of farmed cloven-hoofed animals	p. 164
Table	Results for farmed cloven-hoofed animals (3 sheets)	p. 165-167

4.10. Snails

Muscle tissue of snails (*Helix pomatia*) was examined for the content of residues and contaminants, in particular for the purpose of the checks on meeting the guarantees of food safety of this raw material. Just as in previous years, no levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding limits were detected. In one sample, the content of cadmium fell into an interval between 75 % and 100 % of the relevant limit.

Map	Sampling of snails	p. 168
Table	Results for snails	p. 169

4.11. Freshwater fish

The samples of mainly carps and trouts, but also of other fish species, originated from fish farming. In carps, no residues of unauthorised medicinal products and veterinary drugs were detected, including malachite green and its metabolic form, leucomalachite green (a drug unauthorised for fish intended for human consumption); however, low concentrations of leucomalachite green complying with the decision limit after the exceeding of which the fish is unfit for human consumption (2.0 µg/kg) were detected in one case. The content of chlorinated pesticides and PCB was very low and safely met hygiene limits. No non-compliant concentrations of residues of veterinary drugs were detected in carp muscle samples; mycotoxins were not detected at measurable levels as well.

The residues of malachite green (MG) and its leuco-form (LMG) were detected in 14 samples of rainbow trouts from various sites; in four cases of which concentrations exceeding the decision limit after the exceeding of which the fish is unfit for human consumption (2.0 µg/kg) were concerned. In other ten cases, the concentrations of this unauthorised substance were under the level of the decision limit. Follow-up examinations on those farms proved the residues of the leuco-form of malachite green as well, even at the level above the decision limit. This finding indicates a significant worsening, as compared with the last year when an improvement of the situation was recorded. The cause of the situation is questionable but it unambiguously indicates a non-discipline of trout fish keepers, both national and foreign (since early stages of the fish are imported). It was necessary to start, in all cases, the performance of more frequent checks on relaying areas of the fish concerned, so as to prevent possible repeating of an unauthorised use of malachite green for the treatment of fish, young fish, eggs and fry against fungi. The relevant measures were ordered and fish containing more than (or close to) 2.0 µg/kg could not be placed on the market and had to be safely disposed of or kept under official supervision pending the decrease in these residues under a tolerable level. The detection of the residues of the leuco-form of crystal violet (unauthorised for the use in breeding fish) in two samples of trouts from a consignment imported from Slovakia at the level exceeding 2.0 µg/kg was also very serious. Both cases were reported *via* the rapid alert system (RASFF). Other monitored residues and contaminants safely complied with specified limits. The residues of veterinary drugs were not detected.

No residues of veterinary drugs were detected in another farmed fish species. In one sample of *Coregonus peled*, the residues of malachite green and its metabolic form, leucomalachite green, under the decision limit (2.0 µg/kg) were detected. The content of chlorinated pesticides and PCB in examined fish was very low and did not reach 50 % of hygiene limits; the concentrations of chemical elements complied safely as well. Mycotoxins were not detected at measurable levels. No non-compliant concentrations of dioxins and DL-PCB, expressed as World Health Organisation (WHO) toxic equivalent using the WHO-toxic equivalency factors (WHO-TEFs), were detected in fish samples. The content of brominated flame retardants (BFR) was not detected.

Map	Sampling of freshwater fish – carps	p. 170
Table	Results for freshwater fish – carps (2 sheets)	p. 171-172
Map	Sampling of freshwater fish – trouts	p. 173
Table	Results for freshwater fish – trouts (3 sheets)	p. 174-176
Map	Sampling of freshwater fish – other species	p. 177
Table	Results for freshwater fish – other species (2 sheets)	p. 178-179

5. Wild game

The results of the examinations of muscle tissue of main wild game species are presented in this chapter. Samples were taken particularly at game processing establishments. In order to assess the detected levels of **lead** properly, it is necessary to take into account that the animals are hunted using guns with lead-containing ammunition, **so a contamination by projectiles might occur**. Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs, as amended, does not establish ML for lead in meat and organs of wild game. With respect to the prevention of an unnecessary load of consumers with lead, veterinary administration authorities assessed levels of lead exceeding an action limit of 1 mg/kg recommended by the Head of the Public Health Service as high, potentially threatening consumer health at a long-term consumption. Users of hunting areas, as well as producers of products from game meat, were informed of these findings.

5.1. Pheasants and wild ducks

In these species, the contamination with lead due to hunting using lead containing ammunition mainly occurs; almost one half of examined samples showed either the content of lead exceeding limits, or exceeded 50 % of maximum levels. The levels of other monitored chemical elements in muscle tissue of pheasants complied with applicable limits in all samples analysed. Just as in previous years, the residues of chlorinated pesticides and polychlorinated biphenyls (PCB) safely complied with hygiene limits in all cases. In wild ducks, the same situation concerning the contamination with lead as in pheasants was detected. The levels of chlorinated pesticides and PCB safely complied with hygiene limits.

Map	Sampling of pheasants	p. 180
Table	Results for pheasants	p. 181
Map	sampling of wild ducks	p. 182
Table	Results for wild ducks	p. 183

5.2. Hares

The low number of these animals was demonstrated in the number of samples analysed – only two samples were examined. The levels of monitored chemical elements, residues of chlorinated pesticides and polychlorinated biphenyls (PCB) complied with hygiene limits in all analysed muscle tissue samples of brown hares. All values fell into an interval under 50 % of the limits.

Map	Sampling of hares	p. 184
Table	Results for hares	p. 185

5.3. Wild boar (feral pigs)

The concentrations of lead exceeding limits were found in 6 samples in total of muscle tissue of wild boar, the ammunition containing lead was concerned in these cases as well. Even though, the findings must be assessed as serious with respect to the consumer load with lead from such meat. Individual hunters' associations, as well as game meat processors, were warned thereof. The residues of chlorinated pesticides and polychlorinated biphenyls (PCB) did not exceed specified hygiene limits in any of the examined samples (under 50 % of the limits in all cases).

No maximum limits of dioxins and DL-PCB are established for this animal species. The muscle tissue samples of wild boar were assessed according to the limits established for pork. In this respect, the level of dioxins and DL-PCB, expressed as World Health Organisation (WHO) toxic equivalent using the WHO-toxic equivalency factors (WHO-TEFs), detected in one sample were assessed as non-compliant. A more detailed on-the-spot investigation revealed that a wider problem is concerned, probably related with a former military training area (mountain part of Šumava – Bohemian Forest) where the feral pigs in question were hunted. Non-ortho and mono-ortho PCB (DL-PCB) represented a higher proportion of the total dioxin and DL-PCB sum. A higher contamination of wild boar by dioxins, as compared with domestic pigs, results probably from a direct contact of wild boar with soil contaminated by immissions with dioxins. Brominated flame retardants (BFR) were not proven.

The presence of the radioisotopes of caesium ^{137}Cs and ^{134}Cs above the limit of 600 Bq/kg was detected at first in one sample from the Bohemian Forest National Park, but afterwards in a number of muscle samples from the same area. The fallout of radionuclides after the Chernobyl nuclear disaster in April 1986 was concerned. Emergency veterinary measures were taken which ordered testing of all animals hunted in that area. The decision limit for fitness for human consumption or seizure is of 600 Bq/kg; the emergency action will also proceed in the year 2012.

Map	Sampling of wild boar (feral pigs)	p. 186
Table	Results for wild boar (feral pigs) – 2 sheets	p. 187-188

5.4. Other cloven-hoofed animals

In the group of other cloven-hoofed animals (excluding wild boar), deers, sika deers, fallow deers and roe deers were examined. A considerable number of muscle samples contaminated with lead, probably from lead-containing ammunition, was present also in this group. The results were assessed pursuant to the limit of 1 mg/kg recommended by the Head of the Public Health Service (the EU legislation does not establish any ML for lead in meat and organs of wild game). Other monitored residues and contaminants (organochlorine pesticides, radionuclides, chemical elements) complied with maximum limits.

Map	Sampling of other cloven-hoofed animals	p. 189
Table	Results for other cloven-hoofed animals	p. 190

6. Examination for radioactive substances (radionuclides)

The examinations for the contamination of raw materials and foodstuffs of animal origin with radioisotopes ^{134}Cs and ^{137}Cs have been performed at selected State Veterinary Institutes (SVI Prague and SVI Olomouc) since the Chernobyl nuclear disaster (1986). Currently (as well as in several previous years), the situation is quite favourable. It means that the detected levels of these radioisotopes are deeply under the levels of 600 or 370 Bq/kg, respectively. The results of the examinations of individual commodities are included in this assessment report. We hereby present summary information only. It may be stated that, except for certain results in wild cloven-hoofed animals and mainly in feral pigs in a restricted area, the detected contamination with the radioisotopes of caesium is at the detection limit of measurement devices or, deeply under specified limits, respectively. However, and with respect to a relatively long radioactive half-time of caesium (30 years), it is not still excluded that the levels of tens to thousands orders Bq/kg will persist in areas with serious Chernobyl fallout (see Chapter 5.3.).

7. Examination for “dioxins”

Since the year 2000, veterinary inspectors have been taking the samples of rendering fats, carps, and butter for the analyses for the presence of so-called “dioxins” (PCDD/F): polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs), as well as 12 congeners of polychlorinated biphenyls which show toxicological characteristics similar to those of dioxins and so they are called dioxin-like PCB (DL-PCB); the samples of beef and eggs have been taken since the year 2004 as well. More than 90 % of dioxins get into human body from food, in particular foodstuffs of animal origin.

The analyses of the above mentioned samples within this monitoring have been performed at the SVI in Prague using the HRGC/HRMS techniques for the examination of specified commodities from specified regions. The results of the examinations are presented according to the relevant commodities (i.e. rendering fat, fish meals, beef and pork, poultry meat, wild boar meat, hen eggs, raw milk, butter, carp) in this report. The results were assessed pursuant to Commission Regulation (EC) No 1881/2006, as amended. The limits could be exceeded in several samples of wild boar muscle; provided that we used limits for domestic pigs for the assessment thereof (the Regulation does not establish any limits for wild game).

Graphs	Results for dioxins (2 sheets)	p. 191-192
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8. Conclusions

70 479 analyses in total were performed by the State Veterinary Administration of the Czech Republic within the monitoring of residues and contaminants in the year 2011, 69 635 from which as planned sampling, 527 as targeted examinations of suspect samples and 317 as analyses of the samples of imported commodities. The total percentage of **non-compliant findings** was of **0.26 %** in the year assessed, which percentage is higher than that in the previous year (0.17 %).

As for feedingstuffs and feed materials of animal origin, the vast majority of samples complied with specified limits. The residues of unauthorised veterinary medicinal preparations were not detected; the residues of VMP in complete feeds (unauthorised medication) were also not proven. The concentrations of chlorinated pesticides, polychlorinated biphenyls, dioxins and other industrial contaminants complied with maximum limits as well. However, levels of dioxins exceeding specified limits were detected in two samples of imported fish meals originating from Estonia. The entire consignment of the fish meal concerned was returned back to the country of origin for a safe disposal. The contents of chemical elements (heavy metals) complied with maximum limits in all cases. The trend in the content of chemical elements in complete feedingstuffs reflects almost stabilised content of arsenic, mercury and cadmium at low levels with respect to specified limits and, in the case of lead, continued slight decrease in its concentration in feedingstuffs during last years. The residues of feed additives from the group of coccidiostats were detected at non-compliant concentrations in complete feedingstuffs/compound feedingstuffs for poultry and rabbits. Individual cases were solved to in co-operation with the CISTA. The residues of pesticides and PCB were not detected in other compound feedingstuffs and feed additives for pigs and cattle, except for three samples of fodder grain meal residues intended for swine containing high levels of DDT sum and detected within targeted tracing of the source of contamination of meat from this farm. The application of unauthorised drugs *via* water used for watering of livestock or in fish farming was not proven.

As for raw materials and foodstuffs such as raw cow's milk, sheep milk and goat's milk, drinking milk and milk products including cheese, infant and baby formulas containing animal protein, analysed samples complied with specified limits for chlorinated pesticides, industrial contaminants, mycotoxins, radionuclides and veterinary drugs, except for one pooled sample of raw sheep milk containing the residues of cefoperazone (a third generation cephalosporin antibiotic) which is not registered for sheep. Other residues and contaminants monitored in milk products safely complied with specified limits.

As for samples of hen eggs and egg products, all samples complied with maximum limits for monitored residues and contaminants. As for quail's eggs, traces of the residues of coccidiostats were detected under the levels of maximum limits.

As for honey, all samples complied with specified limits for chemical elements and other monitored chemical substances, the residues of veterinary drugs were not detected.

As for meat products and poultry meat products, including canned meat and canned poultry meat, the samples thereof complied with specified limits for residues and contaminants in a vast majority of cases. In one sample (game meat salami), the concentration of lead exceeding limit was found; the use of a food colorant E 124 – Ponceau 4R, non-authorised for such type of product, was detected in one sample of Gotha salami.

The residues of unauthorised substances having a hormonal action were not proven in bovine animals, sheep and goats, pigs, rabbits, poultry and farmed game. A serious exception occurred – the residues of chloramphenicol (an antimicrobial substance, the use of which for food animals is prohibited) were detected in muscle tissue of one broiler and in bovine urine. Emergency veterinary measures were taken on the holding which ordered testing of individual urine samples from all suspect animals, including safe disposal of milk and carcasses of positive animals. All samples of meat complied with limits for chlorinated pesticides and PCB, except for one sample containing DDT sum exceeding limits. In kidney samples, exceeding of mercury limit was proven in five samples from different farms; in seven other samples, the levels were at the threshold of maximum limit. In addition to the influence of mercury content in feeds and mineral feed additives, the possibility to influence the level of mercury in kidney by the use of certain types of vaccines and biologicals containing an antiseptic substance Thiomersal containing an organic form of mercury (ethylmercury), or, the relation between the maximum permitted level of mercury in feeds and tissues of livestock, in particular in kidney, are considered theoretically. A relatively high number of liver and kidney samples of sow contained the residues of amoxicillin and dihydrostreptomycin due to the non-compliance with withdrawal periods.

The samples of mainly carps and trouts, but also of other fish species, originated from fish farming. The content of chlorinated pesticides and PCB was at very low concentration and safely complied with hygiene limits. In muscle samples of carps, no non-compliant concentrations of the residues of veterinary drugs were detected; the residues of malachite green (MG) and its leucoform (LMG) were detected in 14 samples of rainbow trouts from various sites; in four cases of which concentrations exceeding the decision limit after the exceeding of which the fish is unfit for human consumption (2.0 µg/kg) were concerned. This finding indicates a significant worsening, as compared with the last year when an improvement of the situation was recorded. The cause of the situation is questionable but it unambiguously indicates a non-discipline of trout fish keepers, both national and foreign (since early stages of the fish are imported). The detection of the residues of the leuco-form of crystal violet (unauthorised for the use in breeding fish) in two samples of trouts from a consignment imported from Slovakia at the level exceeding 2.0 µg/kg was also very serious.

As for game animals, no non-compliant levels of monitored chemical substances and chemical elements were detected, except for several levels of lead probably connected with the contamination with projectiles after hunting. With respect to the prevention of an unnecessary load of consumers with lead, veterinary administration authorities assessed levels of lead exceeding an action limit of 1 mg/kg recommended by the Head of the Public Health Service as high, potentially threatening consumer health at a long-term consumption. No maximum limits of dioxins and DL-PCB are established for game animals. The muscle tissue samples of wild boar were assessed according to the limits established for pork. A more detailed on-the-spot investigation revealed that a wider problem is concerned, probably related with a former military training area (mountain part of Šumava – Bohemian Forest) where the feral pigs in question were hunted. A higher contamination of wild boar by dioxins, as compared with domestic pigs, results probably from a direct contact of wild boar with soil contaminated by immissions with dioxins.

The examinations for the contamination of raw materials and foodstuffs of animal origin by the radioisotopes ¹³⁴Cs and ¹³⁷Cs have been performed since the Chernobyl nuclear disaster (1986). Currently (as well as in several previous years), the situation is quite favourable, which means that the detected levels of these radioisotopes are deeply under the level of 600 or 370 Bq/kg, respectively. The presence of radioisotopes ¹³⁴Cs and ¹³⁷Cs exceeding the limit of 600 Bq/kg was detected in part of the Bohemian Forest National Park at first in one sample, but afterwards in a number of muscle samples from the same area. The fallout of radionuclides after the Chernobyl nuclear disaster in April 1986 was concerned. Emergency veterinary measures were taken which ordered testing of

all animals hunted in that area. The decision limit for fitness for human consumption or seizure is of 600 Bq/kg; the emergency action will also proceed in the year 2012.

Health safety of raw materials and foodstuffs of animal origin can be, with respect to the content of residues and contaminants, assessed as favourable. As apparent from tables containing overviews of examinations for residues and contaminants in the year 2011, as well as from trend graphs for previous 20 years, an average content of most of monitored residues and contaminants is deeply under specified limits and their incidence was decreasing. The detection of the residues of veterinary drugs (either unauthorised or authorised) in pigs and cattle, as well as of prohibited colorants used for the treatment or prevention in farmed fish, in particular trouts, must be regarded as important.

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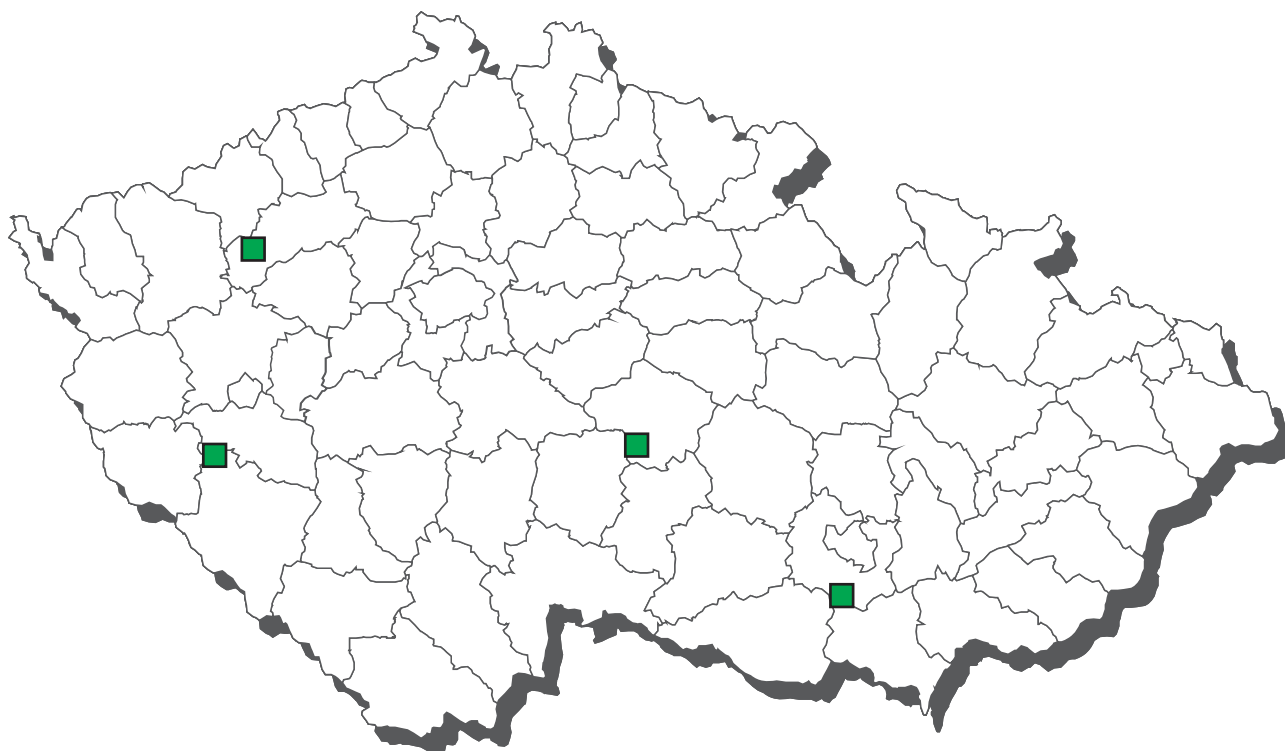
**General overview of the examination for residues
according to commodities and sampling reasons in the year 2010**

Commodity	Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish	4 040	755	18,69	12	0,30
Monitoring	4 028	753	18,69	10	0,25
Indicated sampling	12	2	16,67	2	16,67
Import	0	0	0,00	0	0,00
Farm animals	47 035	1 600	3,40	78	0,17
Monitoring	46 996	1 576	3,35	78	0,17
Indicated sampling	39	24	61,54	0	0,00
Import	0	0	0,00	0	0,00
Foodstuffs of animal origin	17 295	1 159	6,70	5	0,03
Monitoring	17 231	1 128	6,55	5	0,03
Indicated sampling	50	27	54,00	0	0,00
Import	14	4	28,57	0	0,00
Animal feed	6 770	1 216	17,96	17	0,25
Monitoring	6 193	984	15,89	17	0,27
Indicated sampling	12	10	83,33	0	0,00
Import	565	222	39,29	0	0,00
Foodstuffs of plant and other origin	320	23	7,19	0	0,00
Monitoring	317	20	6,31	0	0,00
Indicated sampling	3	3	100,00	0	0,00
Import	0	0	0,00	0	0,00
Waters	742	336	45,28	15	2,02
Monitoring	80	0	0,00	0	0,00
Indicated sampling	662	336	50,76	15	2,27
Import	0	0	0,00	0	0,00
Other samples	6	6	100,00	0	0,00
Indicated sampling	6	6	100,00	0	0,00
Total all samples	76 208	5 095	6,69	127	0,17
Monitoring	74 845	4 461	5,96	110	0,15
Indicated sampling	784	408	52,04	17	2,17
Import	579	226	39,03	0	0,00

**General overview of the examination for residues
according to commodities and sampling reasons in the year 2011**

Commodity	Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish	4 516	647	14,33	69	1,53
Monitoring	4 430	605	13,66	50	1,13
Indicated sampling	86	42	48,84	19	22,09
Import	0	0	0,00	0	0,00
Farm animals	46 379	1 363	2,94	93	0,20
Monitoring	46 149	1 300	2,82	71	0,15
Indicated sampling	230	63	27,39	22	9,57
Import	0	0	0,00	0	0,00
Foodstuffs of animal origin	14 675	911	6,21	6	0,04
Monitoring	14 530	892	6,14	6	0,04
Indicated sampling	3	2	66,67	0	0,00
Import	142	17	11,97	0	0,00
Animal feed	4 746	887	18,69	17	0,36
Monitoring	4 491	800	17,81	8	0,18
Indicated sampling	204	68	33,33	9	4,41
Import	51	19	0,00	0	0,00
Foodstuffs of plant and other origin	0	0	0,00	0	0,00
Monitoring	0	0	0,00	0	0,00
Indicated sampling	0	0	0,00	0	0,00
Import	0	0	0,00	0	0,00
Waters	39	0	0,00	0	0,00
Monitoring	35	0	0,00	0	0,00
Indicated sampling	4	0	0,00	0	0,00
Import	0	0	0,00	0	0,00
Total all samples	70 355	3 808	5,41	185	0,26
Monitoring	69 635	3 597	5,17	135	0,19
Indicated sampling	527	175	33,21	50	9,49
Import	193	36	18,65	0	0,00

CL 2011 - sampling of feed materials of animal origin

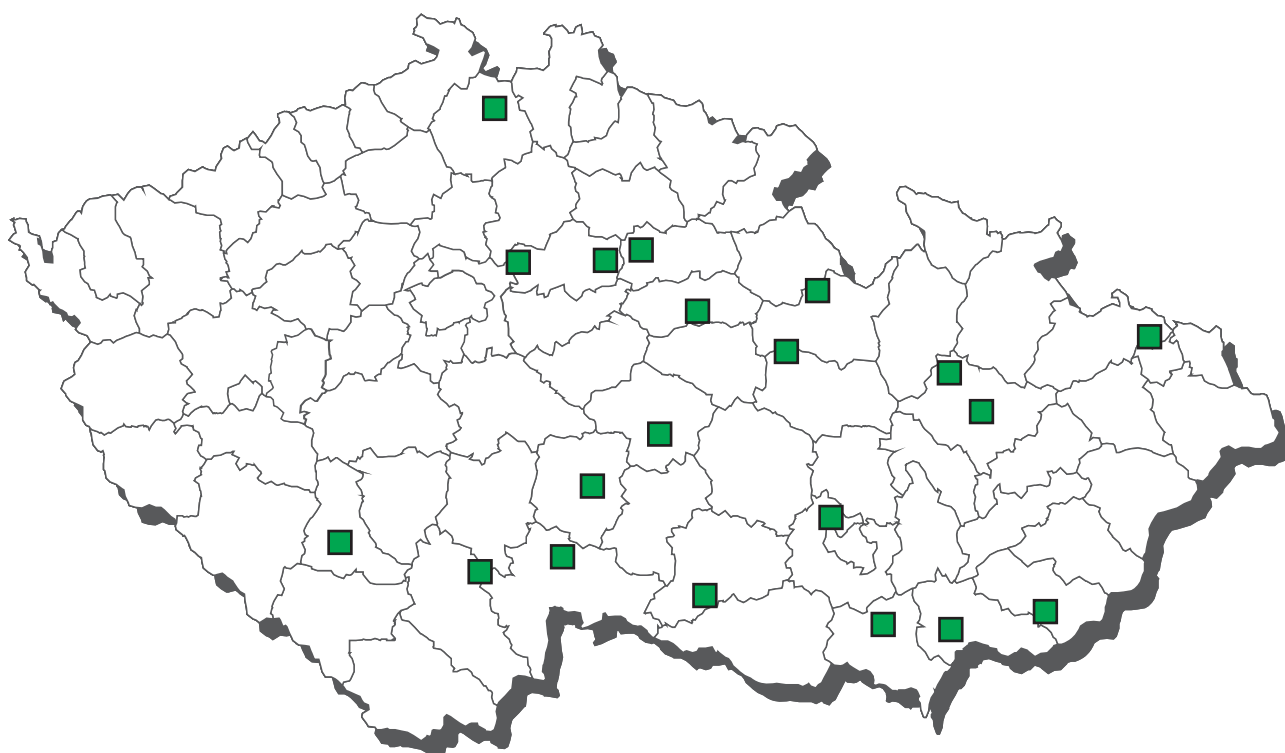


feed materials of animal origin - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	4	1	25,0	0	0,0	0,00815	n.d.	0,02102	0,02960	mg / kg
B3a WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	1,16575	1,04800	1,54600	1,72000	ng / kg fat
B3a WHO-PCDD/F-TEQ	4	4	100,0	0	0,0	0,41125	0,43750	0,50610	0,50700	ng / kg fat
B3f 2,2',3,4,4',5',6-HeptaBDE	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-TEQ	2 ng WHO-PCDD/F-TEQ/kg fat	4	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	3 ng WHO-PCDD/F-TEQ/kg fat	4	0	0	0	0	0

CL 2011 - sampling of fish meals



Fish meals - non-compliant results 2011



 WHO-PCDD/F-TEQ

fish meals - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	11	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a beta-HCH	11	1	9,1	0	0,0	0,00033	n.d.	n.d.	0,00106	mg / kg 12% moisture
B3a DDT (sum)	11	8	72,7	0	0,0	0,00247	0,00160	0,00609	0,00610	mg / kg 12% moisture
B3a dieldrin	11	1	9,1	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a endosulfan - sum	11	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a endrin	11	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg / kg 12% moisture
B3a gama-HCH (lindan)	11	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a heptachlor	11	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a hexachlorbenzen	11	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a chlordan	11	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a sum PCB	14	7	50,0	0	0,0	0,00251	0,00140	0,00582	0,00730	mg / kg 12% moisture
B3a toxaphene (sum)	11	0	0,0	0	0,0	0,00076	n.d.	n.d.	0,00100	mg / kg 12% moisture
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	2,00433	0,72400	3,92080	4,72000	ng / kg 12% moisture
B3a WHO-PCDD/F-TEQ	3	3	100,0	1	33,3	1,19033	0,40100	2,40820	2,91000	ng / kg 12% moisture
B3c arsenic	26	26	100,0	0	0,0	2,31154	2,24500	4,27500	8,35500	mg / kg 12% moisture
B3c inorganic arsenic	15	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	mg / kg 12% moisture
B3c tin	15	8	53,3	0	0,0	0,06633	0,02100	0,17660	0,46500	mg / kg 12% moisture
B3c cadmium	11	11	100,0	0	0,0	0,27282	0,24300	0,48400	0,57000	mg / kg 12% moisture
B3c methylmercury	15	6	40,0	0	0,0	0,03347	n.d.	0,05560	0,06400	mg / kg 12% moisture
B3c lead	11	10	90,9	0	0,0	0,12627	0,12000	0,21000	0,22500	mg / kg 12% moisture
B3c mercury	26	26	100,0	0	0,0	0,05290	0,04795	0,10630	0,11200	mg / kg 12% moisture
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg 12% moisture	11	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg 12% moisture	11	0	0	0	0	0
B3a DDT (sum)	0,05 mg / kg 12% moisture	11	0	0	0	0	0
B3a dieldrin	0,01 mg / kg 12% moisture	11	0	0	0	0	0
B3a endosulfan - sum	0,01 mg / kg 12% moisture	11	0	0	0	0	0
B3a endrin	0,01 mg / kg 12% moisture	11	0	0	0	0	0
B3a gama-HCH (lindan)	0,02 mg / kg 12% moisture	11	0	0	0	0	0
B3a heptachlor	0,01 mg / kg 12% moisture	11	0	0	0	0	0
B3a hexachlorbenzen	0,01 mg / kg 12% moisture	11	0	0	0	0	0
B3a chlordan	0,02 mg / kg 12% moisture	11	0	0	0	0	0
B3a toxaphene (sum)	0,02 mg / kg 12% moisture	11	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	4,5 ng WHO-PCDD/F-TEQ/kg	2	0	0	1*	0	0
B3a WHO-PCDD/F-TEQ	1,25 ng WHO-PCDD/F-TEQ/kg	2	0	0	0	0	1
B3c methylmercury	0,4 mg / kg 12% moisture	15	0	0	0	0	0
B3c mercury	0,5 mg / kg 12% moisture	26	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

fish meals - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
WHO-PCDD/F-TEQ			
05.08.2011	Hustopeče u Brna	Estonsko	2,91 ng / kg 12% moisture

fish meals - suspect samples

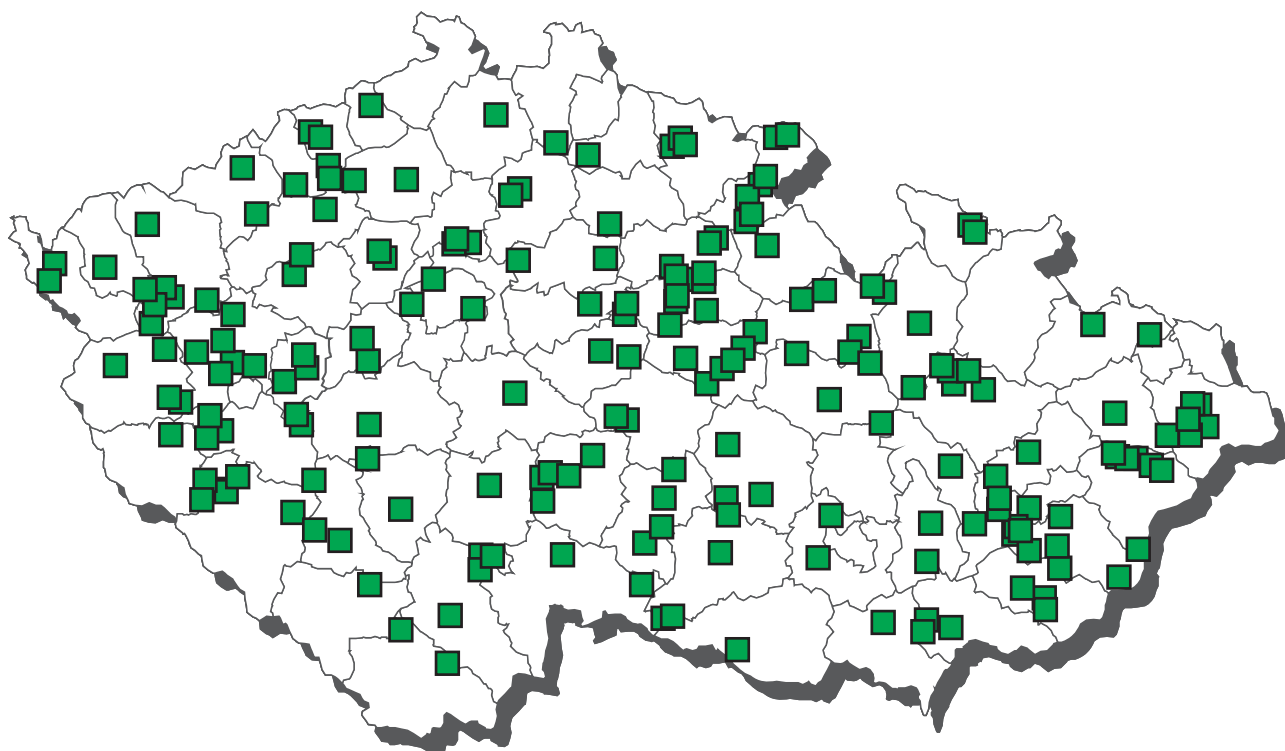
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	3,85000	3,85000	3,85000	3,85000	ng / kg 12% moisture
B3a	WHO-PCDD/F-TEQ	1	1	100,0	1	100,0	2,27000	2,27000	2,27000	2,27000	ng / kg 12% moisture

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a	WHO-PCDD/F-PCB-TEQ	4,5 ng WHO-PCDD/F-TEQ/kg	0	0	1	0	0	0
B3a	WHO-PCDD/F-TEQ	1,25 ng WHO-PCDD/F-TEQ/kg	0	0	0	0	1	0

fish meals - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
WHO-PCDD/F-TEQ			
08.09.2011	Hustopeče u Brna	Estonsko	2,27 ng WHO-PCDD/F-TEQ/kg

CL 2011 - sampling of complete and supplementary feedingstuffs

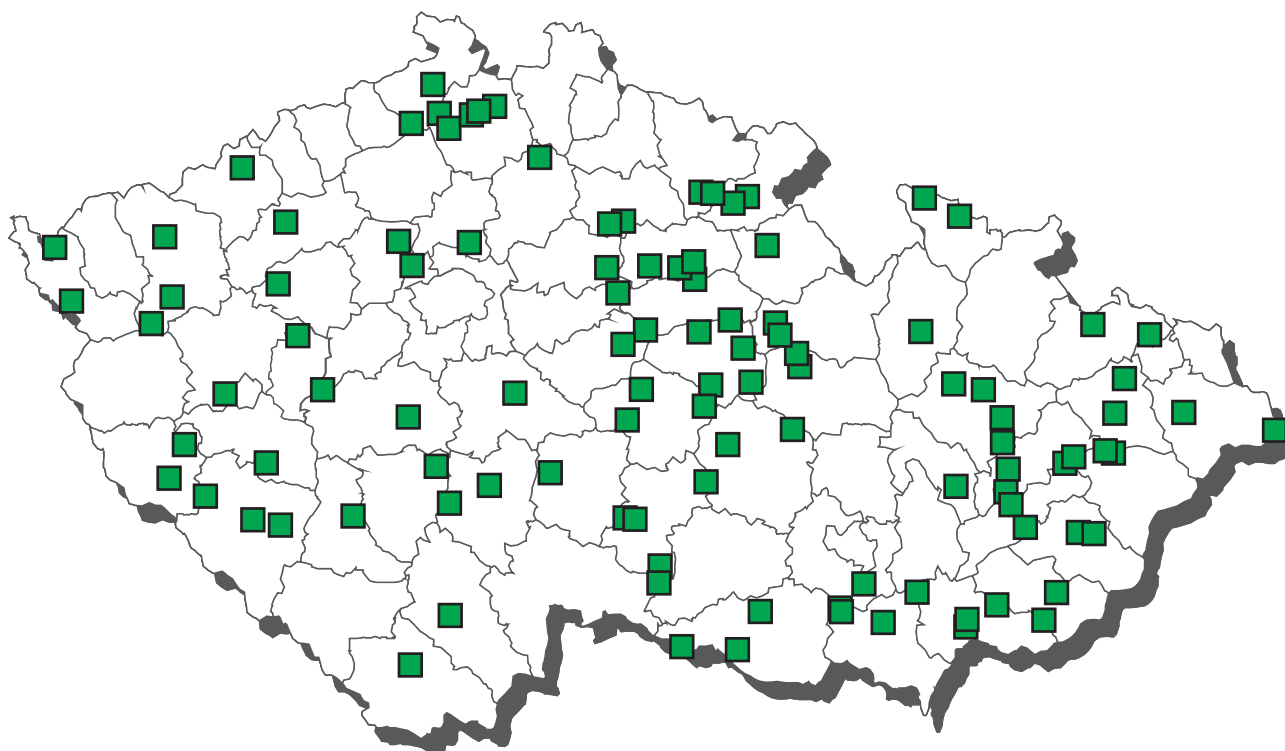


complete and supplementary feedingstuffs - monitoring

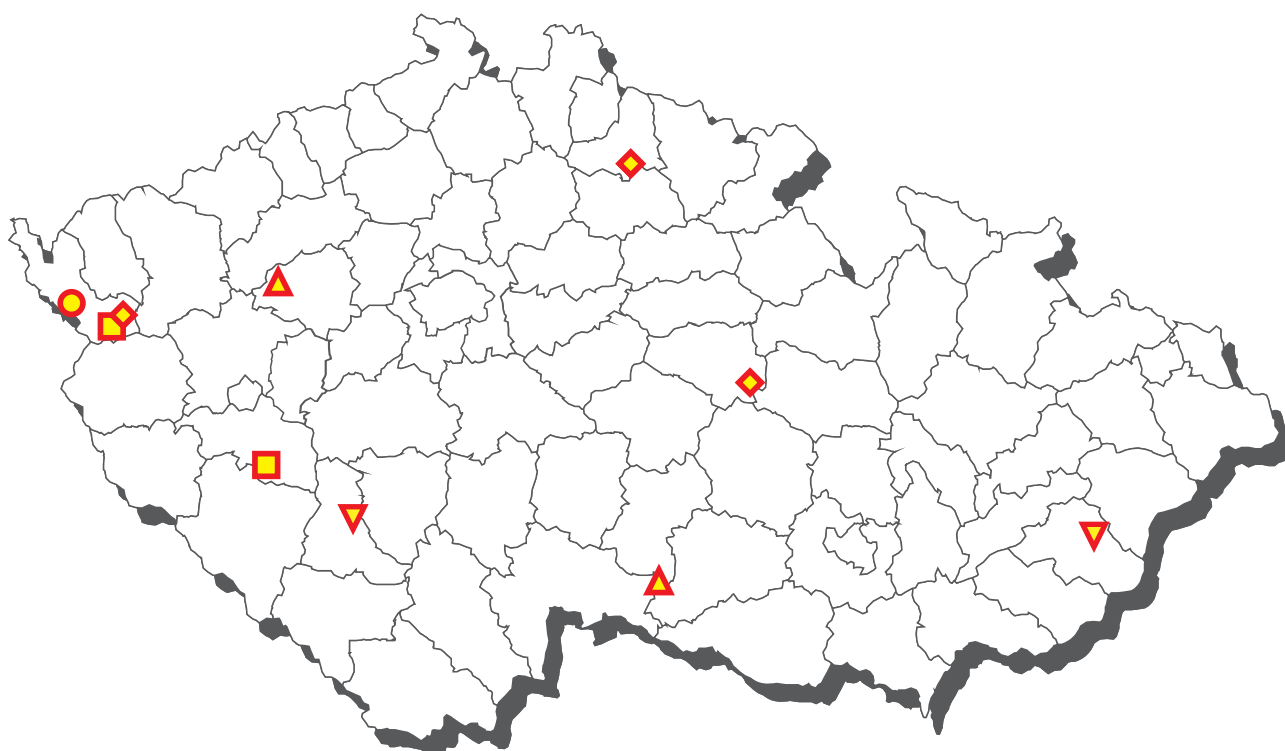
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	66	1	1,5	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a beta-HCH	66	1	1,5	0	0,0	0,00031	n.d.	n.d.	0,00105	mg / kg 12% moisture
B3a DDT (sum)	66	8	12,1	0	0,0	0,00061	n.d.	0,00095	0,00350	mg / kg 12% moisture
B3a dieldrin	66	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a endosulfan - sum	66	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a endrin	66	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00015	mg / kg 12% moisture
B3a gama-HCH (lindan)	66	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a heptachlor	66	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a hexachlorbenzen	66	2	3,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a chlordan	66	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg 12% moisture
B3a sum PCB	66	4	6,1	0	0,0	0,00068	n.d.	n.d.	0,00250	mg / kg 12% moisture
B3a toxaphene (sum)	66	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00100	mg / kg 12% moisture
B3b diazinone	86	0	0,0	0	0,0	0,00168	n.d.	n.d.	0,00250	mg / kg 12% moisture
B3b phorate	86	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg / kg 12% moisture
B3b pyrimiphosmethyl	86	10	11,6	0	0,0	0,00862	n.d.	0,00300	0,31100	mg / kg 12% moisture
B3c arsenic	89	75	84,3	0	0,0	0,13635	0,07000	0,29240	1,34000	mg / kg 12% moisture
B3c cadmium	89	89	100,0	0	0,0	0,04658	0,03900	0,06680	0,45200	mg / kg 12% moisture
B3c lead	89	81	91,0	0	0,0	0,14738	0,10300	0,30200	1,14000	mg / kg 12% moisture
B3c mercury	89	74	83,1	0	0,0	0,00186	0,00110	0,00334	0,02100	mg / kg 12% moisture
B3d aflatoxin B2	86	4	4,7	0	0,0	0,04810	n.d.	n.d.	0,26000	µg / kg 12% moisture
B3d deoxinivalenol	86	44	51,2	0	0,0	231,79	104,50	486,00	1 794,00	µg / kg
B3d ochratoxin A	86	36	41,9	0	0,0	0,61012	n.d.	2,03000	7,14000	µg / kg
B3d zearalenone	86	31	36,0	0	0,0	20,89558	n.d.	31,73500	265,11	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg 12% moisture	66	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg 12% moisture	66	0	0	0	0	0
B3a DDT (sum)	0,05 mg / kg 12% moisture	66	0	0	0	0	0
B3a dieldrin	0,01 mg / kg 12% moisture	66	0	0	0	0	0
B3a endosulfan - sum	0,1 mg / kg 12% moisture	66	0	0	0	0	0
B3a endrin	0,01 mg / kg 12% moisture	66	0	0	0	0	0
B3a gama-HCH (lindan)	0,2 mg / kg 12% moisture	66	0	0	0	0	0
B3a heptachlor	0,01 mg / kg 12% moisture	66	0	0	0	0	0
B3a hexachlorbenzen	0,01 mg / kg 12% moisture	66	0	0	0	0	0
B3a chlordan	0,02 mg / kg 12% moisture	66	0	0	0	0	0
B3a sum PCB	0,05 mg / kg 12% moisture	66	0	0	0	0	0
B3a toxaphene (sum)	0,05 mg / kg 12% moisture	66	0	0	0	0	0
B3c arsenic	2 mg / kg 12% moisture	87	2	0	0	0	0
B3c cadmium	1 mg / kg 12% moisture	89	0	0	0	0	0
B3c lead	5 mg / kg 12% moisture	89	0	0	0	0	0
B3c mercury	0,1 mg / kg 12% moisture	89	0	0	0	0	0
B3d aflatoxin B2	10 µg / kg	86	0	0	0	0	0

CL 2011 - sampling of compound feedingstuffs for poultry and rabbits



Compound feedingstuffs for poultry and rabbits - non-compliant results 2011



- robenidín
- maduramicín
- ▲ monensín
- ▼ narazín
- ◆ salinomycín

compound feedingstuffs for poultry and rabbits - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 dimetridazole	30	0	0,0	0	0,0	1,65000	n.d.	n.d.	1,65000	µg / kg
A6 metronidazole a MNZOH	30	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg / kg
A6 ronidazole	30	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg / kg
B1 sulfadiazine	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfadimethoxine	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfadimidine	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfadoxine	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfachlorpyridazine	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfamerazine	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfamethoxazole	19	1	5,3	0	0,0	162,13	n.d.	n.d.	250,00	µg / kg
B1 sulfamethoxydiazine	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfaquinoxaline	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B1 sulfathiazole	19	0	0,0	0	0,0	152,66	n.d.	n.d.	250,00	µg / kg
B2b decoquinat	68	1	1,5	0	0,0	0,05074	n.d.	n.d.	0,10000	mg / kg 12% moisture
B2b diclazuril	68	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg / kg 12% moisture
B2b halofuginone	68	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg 12% moisture
B2b lasalocid	68	1	1,5	0	0,0	0,05834	n.d.	n.d.	0,61700	mg / kg 12% moisture
B2b maduramicin	68	1	1,5	1	1,5	0,00590	n.d.	n.d.	0,06600	mg / kg 12% moisture
B2b monensin	68	5	7,4	2	2,9	0,32237	n.d.	n.d.	10,88500	mg / kg 12% moisture
B2b narasin	68	15	22,1	2	2,9	0,39815	n.d.	0,33300	9,71*	mg / kg 12% moisture
B2b nicarbazin	68	3	4,4	0	0,0	0,05565	n.d.	n.d.	0,23100	mg / kg 12% moisture
B2b robenidin	68	2	2,9	1	1,5	0,07397	n.d.	n.d.	1,51000	mg / kg 12% moisture
B2b salinomycin	68	8	11,8	1	1,5	0,08528	n.d.	0,12740	1,14000	mg / kg 12% moisture
B2b semduramicin	68	2	2,9	0	0,0	0,03672	n.d.	n.d.	0,21000	mg / kg 12% moisture

* substance was declared on label

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	0,4 mg / kg 12% moisture	68	0	0	0	0	0
B2b diclazuril	0,01 mg / kg 12% moisture	68	0	0	0	0	0
B2b halofuginone	0,03 mg / kg 12% moisture	68	0	0	0	0	0
B2b lasalocid	1,25 mg / kg 12% moisture	68	0	0	0	0	0
B2b maduramicin	0,05 mg / kg 12% moisture	67	0	0	1	0	0
B2b monensin	1,25 mg / kg 12% moisture	64	1	1	0	0	2
B2b narasin	0,7 mg / kg 12% moisture	61	2	2	0	0	2
B2b nicarbazin	0,5 mg / kg 12% moisture	68	0	0	0	0	0
B2b robenidin	0,7 mg / kg 12% moisture	67	0	0	0	0	1
B2b salinomycin	0,7 mg / kg 12% moisture	65	2	0	0	1	0
B2b semduramicin	0,25 mg / kg 12% moisture	66	1	1	0	0	0

compound feedingstuffs for poultry and rabbits - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
maduramicin			
21.10.2011	Lipová u Chebu	Milín	0,066 mg / kg 12% moisture
monensin			
24.05.2011	Horní Slatina	Dačice	5,68 mg / kg 12% moisture
20.09.2011	Oráčov	Německo	10,885 mg / kg 12% moisture
narasin			
02.08.2011	Osek u Radomyšle	Radošovice u Strakonice	5,37 mg / kg 12% moisture
26.08.2011	Vizovice	Vizovice	1,167 mg / kg 12% moisture
robenidin			
16.06.2011	Kokořov	Bučovice	1,51 mg / kg 12% moisture
salinomycin			
09.03.2011	Rychnov	Rychnov	1,14 mg / kg 12% moisture

compound feedingstuffs for poultry and rabbits - suspect samples

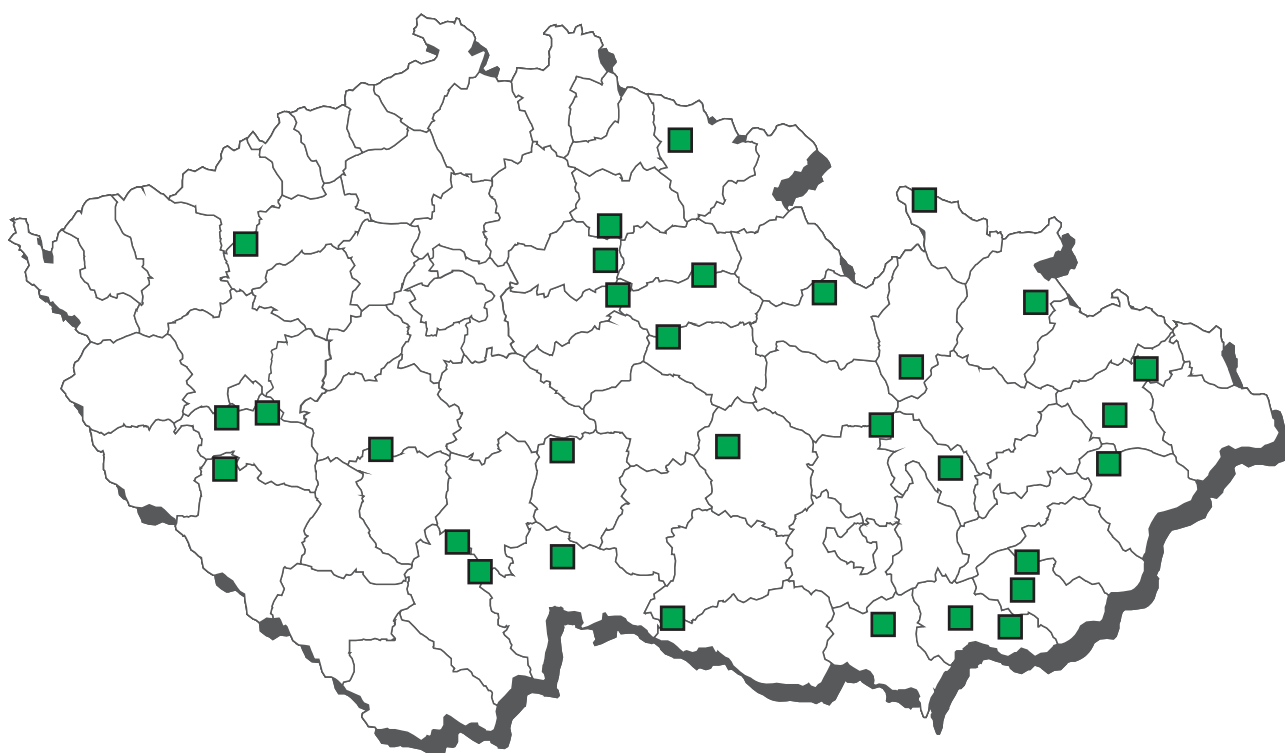
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 erythromycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 josamycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 spiramycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tilmicosin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tulathromycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tylosin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B2b decoquinat	8	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg / kg 12% moisture
B2b diclazuril	8	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg / kg 12% moisture
B2b halofuginone	8	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg 12% moisture
B2b lasalocid	8	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg / kg 12% moisture
B2b maduramicin	8	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg 12% moisture
B2b monensin	9	1	11,1	0	0,0	0,05744	n.d.	0,06340	0,11700	mg / kg 12% moisture
B2b narasin	8	3	37,5	0	0,0	0,09788	n.d.	0,18130	0,18900	mg / kg 12% moisture
B2b nicarbazin	8	1	12,5	0	0,0	0,05638	n.d.	0,06530	0,10100	mg / kg 12% moisture
B2b robenidin	9	4	44,4	1	11,1	2,93600	n.d.	5,28440	25,73000	mg / kg 12% moisture
B2b salinomycin	11	7	63,6	4	36,4	0,74464	0,22700	1,31700	3,25300	mg / kg 12% moisture
B2b semduramicin	5	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	mg / kg 12% moisture
B3a WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,32400	0,32400	0,32400	0,32400	ng / kg 12% moisture
B3a WHO-PCDD/F-TEQ	1	0	0,0	0	0,0	0,12950	n.d.	n.d.	0,12950	ng / kg 12% moisture

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	0,4 mg / kg 12% moisture	8	0	0	0	0	0
B2b diclazuril	0,01 mg / kg 12% moisture	8	0	0	0	0	0
B2b halofuginone	0,03 mg / kg 12% moisture	8	0	0	0	0	0
B2b lasalocid	1,25 mg / kg 12% moisture	8	0	0	0	0	0
B2b maduramicin	0,05 mg / kg 12% moisture	8	0	0	0	0	0
B2b monensin	1,25 mg / kg 12% moisture	9	0	0	0	0	0
B2b narasin	0,7 mg / kg 12% moisture	8	0	0	0	0	0
B2b nicarbazin	0,5 mg / kg 12% moisture	8	0	0	0	0	0
B2b robenidin	0,7 mg / kg 12% moisture	8	0	0	0	0	1
B2b salinomycin	0,7 mg / kg 12% moisture	6	0	1	1	2	1
B2b semduramicin	0,25 mg / kg 12% moisture	5	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	1,5 ng WHO-PCDD/F-TEQ/kg	1	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	0,75 ng WHO-PCDD/F-TEQ/kg	1	0	0	0	0	0

compound feedingstuffs for poultry and rabbits - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
robenidin			
09.03.2011	Velká Hleďsebe	Bučovice	25,73 mg / kg 12% moisture
salinomycin			
24.08.2011	Bělá u Staré Paky	Hustopeče u Brna	3,253 mg / kg 12% moisture
15.08.2011	Bělá u Staré Paky	Hustopeče u Brna	1,317 mg / kg 12% moisture
05.06.2011	Velká Hleďsebe	Bučovice	1,3 mg / kg 12% moisture
03.03.2011	Bělá u Staré Paky	Smiřice	0,894 mg / kg 12% moisture

CL 2011 - sampling of compound feedingstuffs for swine animals



compound feedingstuffs for swine animals - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2f carbadox	30	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg / kg
B2f olaquinox	30	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg / kg

compound feedingstuffs for swine animals - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a DDT (sum)	5	4	80,0	3	60,0	10,46302	0,15440	31,08160	51,14000	mg / kg 12% moisture
B3a WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,29400	0,29400	0,29400	0,29400	ng / kg 12% moisture
B3a WHO-PCDD/F-TEQ	1	0	0,0	0	0,0	0,12950	n.d.	n.d.	0,12950	ng / kg 12% moisture
B3c mercury	9	8	88,9	0	0,0	0,00138	0,00100	0,00204	0,00500	mg / kg 12% moisture

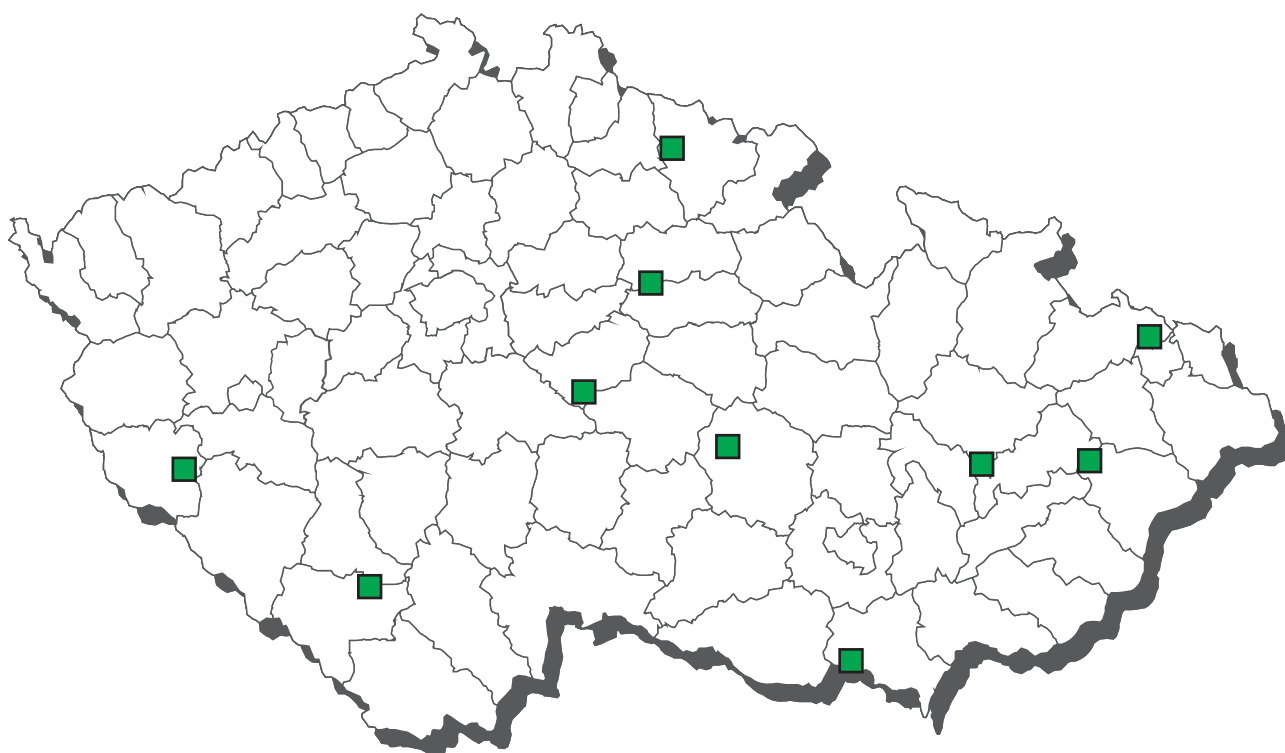
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	1,5 ng WHO-PCDD/F-TEQ/kg	1	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	0,75 ng WHO-PCDD/F-TEQ/kg	1	0	0	0	0	0
B3c mercury	0,1 mg / kg 12% moisture	9	0	0	0	0	0

compound feedingstuffs for swine animals - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
DDT (sum)*			
29.06.2011	Krásný Dvůr	Krásný Dvůr	0,994 mg / kg 12% moisture
29.06.2011	Krásný Dvůr	Krásný Dvůr	51,14 mg / kg 12% moisture
29.06.2011	Krásný Dvůr	Krásný Dvůr	0,1544 mg / kg 12% moisture

* samples of dust and rests of feed materials

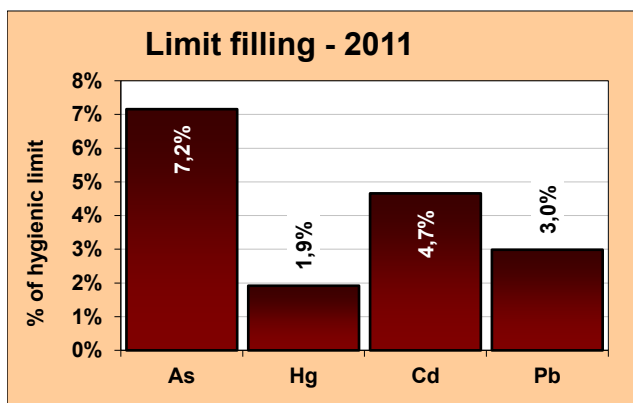
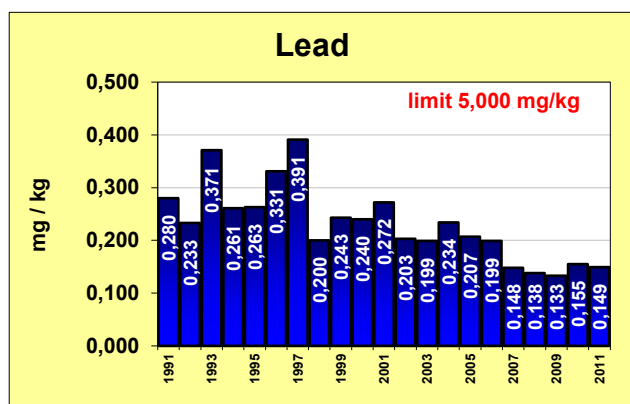
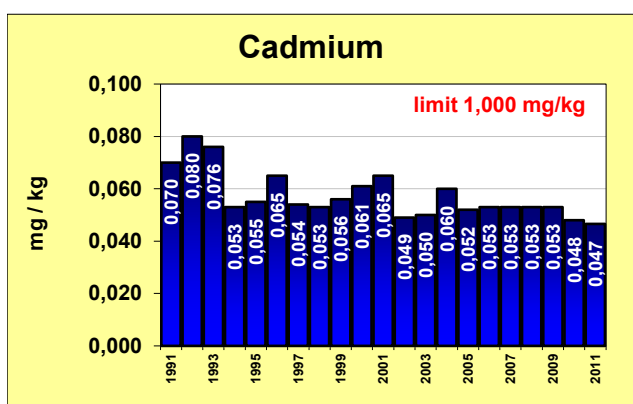
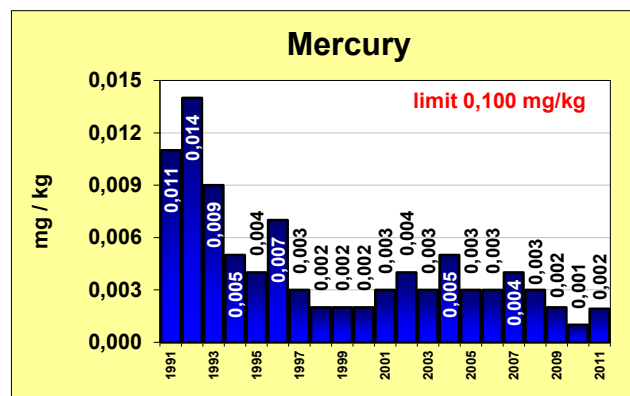
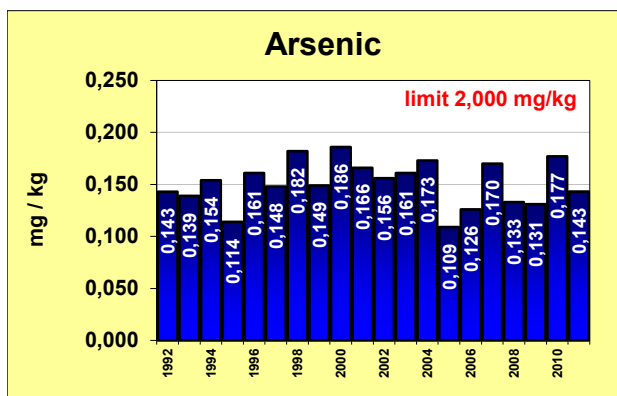
CL 2011 - sampling of compound feedingstuffs for bovine



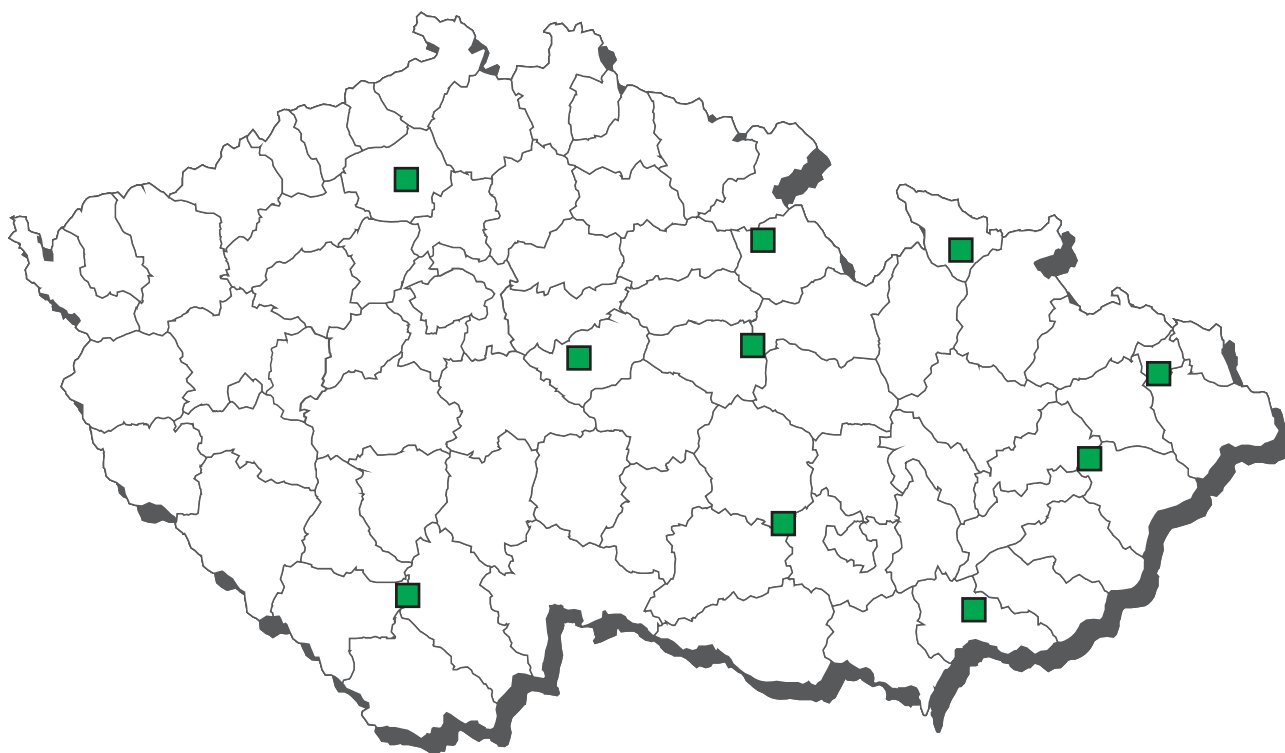
compound feedingstuffs for bovine animals - monitoring

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

The average content of residues in complete and supplementary feedingstuffs



CL 2011 - sampling of water used for watering farm animals



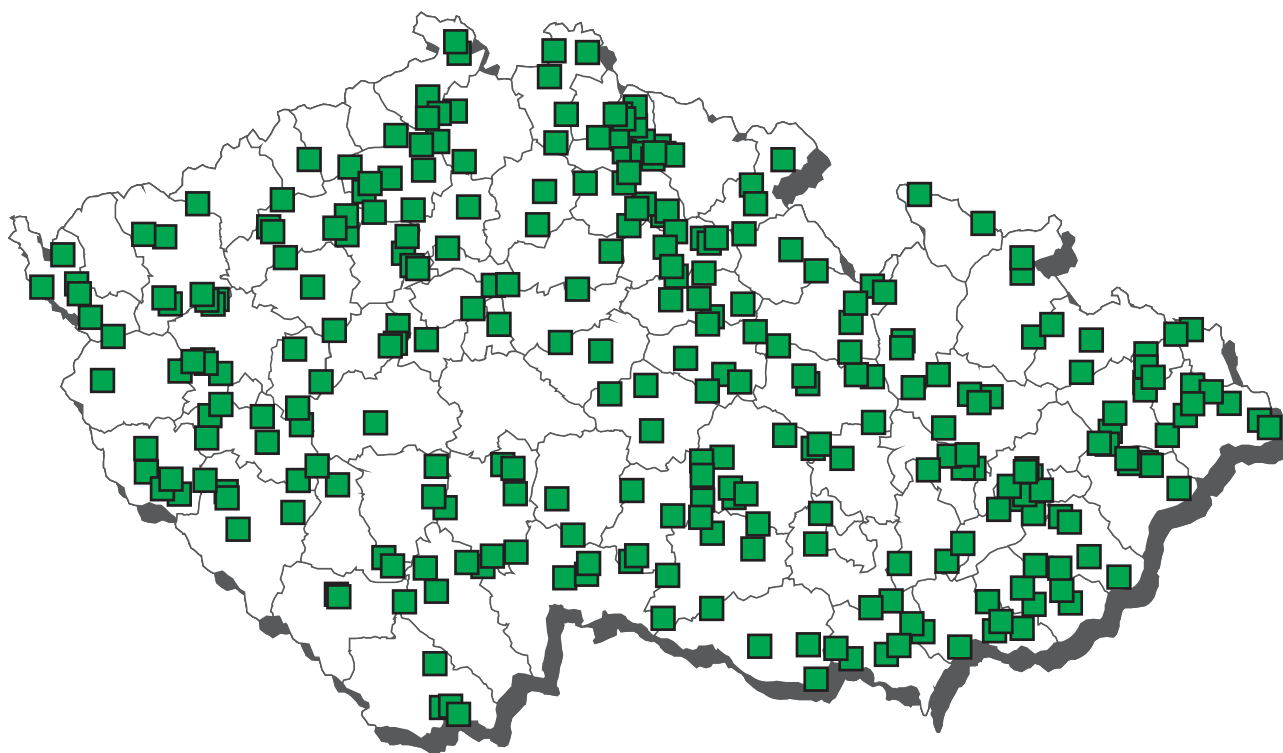
water used for watering farm animals - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	clenbuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	mabuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	salbutamol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A6	dimetridazole	5	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg / l
A6	metronidazole a MNZOH	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6	ronidazole	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
A6	chloramphenikol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg / l
B3c	mercury	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l

CL 2011 - sampling of raw cow's milk



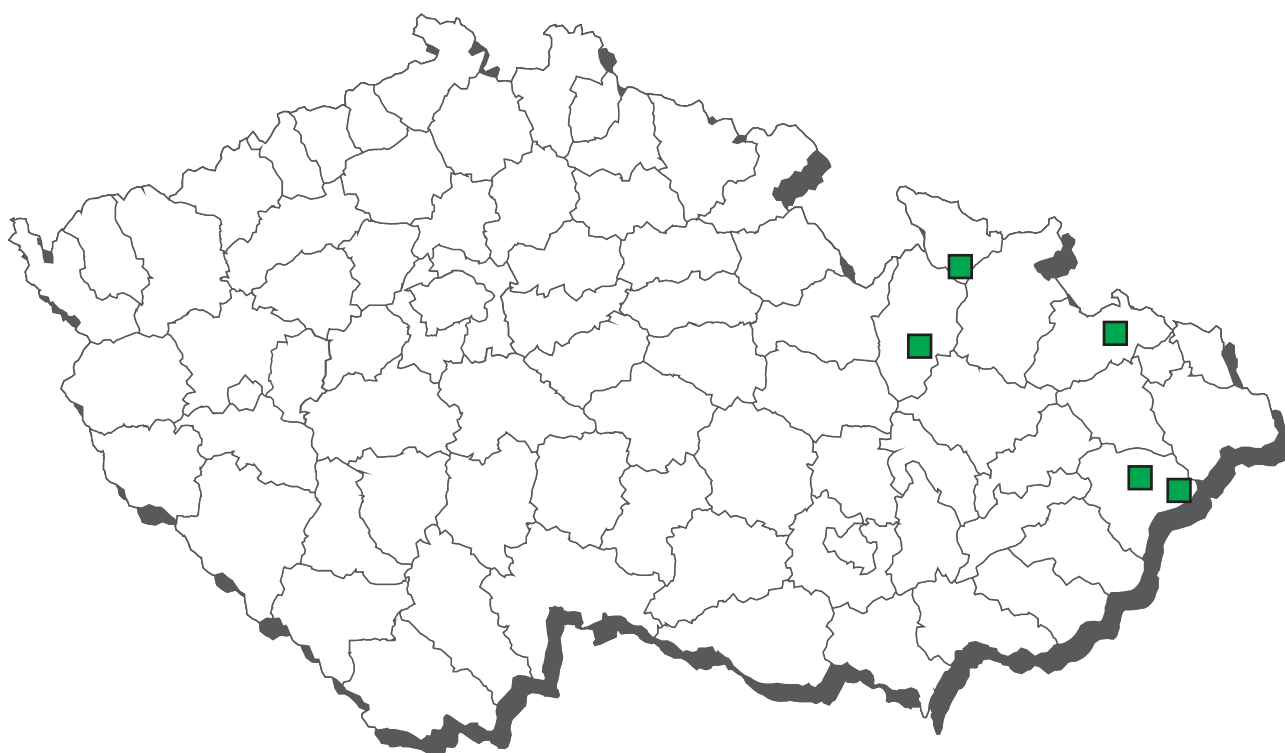
raw cow’s milk - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	clenbuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A6	AHD	10	0	0,0	0	0,0	0,28000	n.d.	n.d.	0,28000	µg / l
A6	AMOZ	10	0	0,0	0	0,0	0,26000	n.d.	n.d.	0,26000	µg / l
A6	AOZ	10	0	0,0	0	0,0	0,22500	n.d.	n.d.	0,22500	µg / l
A6	dapsone	3	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg / l
A6	chloramphenikol	60	0	0,0	0	0,0	0,02733	n.d.	n.d.	0,03000	µg / l
A6	SEM	10	0	0,0	0	0,0	0,38000	n.d.	n.d.	0,38000	µg / l
B1	betalactams	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	gentamycin, neomycin	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	macrolides	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	residues of ihibitory substances	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	92	0	0,0	0	0,0	33,15761	n.d.	n.d.	62,50000	µg / kg
B1	sulfadiazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a	abamectin	41	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	albendazole	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	doramectin	41	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	emamectin	41	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	eprinomectin	41	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	fenbendazole	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	ivermectin	41	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	levamisole	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	mebendazole	13	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	moxidectin	41	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	oxfendazole	41	0	0,0	0	0,0	3,81098	n.d.	n.d.	5,00000	µg / kg
B2a	rafoxanid	13	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	thiabendazole	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	triclabendazole	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2c	cyhalothrin	13	0	0,0	0	0,0	0,00123	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	13	0	0,0	0	0,0	0,00165	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	13	0	0,0	0	0,0	0,00181	n.d.	n.d.	0,00250	mg / kg
B2c	permethrin	13	0	0,0	0	0,0	0,00362	n.d.	n.d.	0,00500	mg / kg
B2e	carprofen	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	diclofenac	9	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
B2e	flunixin	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	ibuprofen	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	mefenamic acid	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	meloxicam	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	metamizol	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2e	oxyphenbutazone	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	phenylbutazone	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	tolfenamic acid	9	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	alfa-HCH	14	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg / kg
B3a	beta-HCH	14	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a	DDT (sum)	14	4	28,6	0	0,0	0,00064	n.d.	0,00113	0,00150	mg / kg
B3a	dieldrin	14	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a	endosulfan - sum	14	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg
B3a	endrin	14	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00020	mg / kg
B3a	gama-HCH (lindan)	14	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a	heptachlor	14	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a	hexachlorbenzen	14	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg
B3a	chlordan	14	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg
B3a	sum PCB	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3a	sum PCB	17	2	11,8	0	0,0	0,00350	n.d.	0,00350	0,02100	mg / kg fat
B3a	WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	1,57800	1,59000	1,85000	1,89000	pg / g fat
B3a	WHO-PCDD/F-TEQ	5	3	60,0	0	0,0	0,56080	0,70000	0,70260	0,70300	pg / g fat
B3b	diazinone	11	0	0,0	0	0,0	0,00168	n.d.	n.d.	0,00200	mg / kg
B3b	phorate	11	0	0,0	0	0,0	0,00209	n.d.	n.d.	0,00250	mg / kg
B3b	pyrimiphosmethyl	11	0	0,0	0	0,0	0,00168	n.d.	n.d.	0,00200	mg / kg
B3c	arsenic	11	0	0,0	0	0,0	0,00236	n.d.	n.d.	0,00250	mg / kg
B3c	cadmium	11	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3c	lead	11	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg
B3c	mercury	11	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg / kg
B3d	aflatoxin M2	40	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	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5,5'-HexaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5,6'-HexaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5-PentaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',6-PentaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4'-TetraBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,4,4'-TriBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

raw cow's milk - monitoring (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 sulfadiazine	100 µg / kg	92	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	92	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	92	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	92	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	92	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	92	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	92	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	92	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	92	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	92	0	0	0	0	0
B2a albendazole	100 µg / kg	13	0	0	0	0	0
B2a eprinomectin	20 µg / kg	41	0	0	0	0	0
B2a fenbendazole	10 µg / kg	13	0	0	0	0	0
B2a moxidectin	40 µg / kg	41	0	0	0	0	0
B2a oxfendazole	10 µg / kg	41	0	0	0	0	0
B2a thiabendazole	100 µg / kg	13	0	0	0	0	0
B2c cyhalothrin	0,05 mg / kg	13	0	0	0	0	0
B2c cypermethrin	0,05 mg / kg	13	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	13	0	0	0	0	0
B2c permethrin	0,05 mg / kg	13	0	0	0	0	0
B2e diclofenac	0,1 µg / kg	9	0	0	0	0	0
B2e flunixin	40 µg / kg	9	0	0	0	0	0
B2e meloxicam	15 µg / kg	9	0	0	0	0	0
B2e metamizol	50 µg / kg	9	0	0	0	0	0
B2e tolfenamic acid	50 µg / kg	9	0	0	0	0	0
B3a alfa-HCH	0,004 mg / kg	14	0	0	0	0	0
B3a beta-HCH	0,003 mg / kg	14	0	0	0	0	0
B3a DDT (sum)	0,04 mg / kg	14	0	0	0	0	0
B3a dieldrin	0,006 mg / kg	14	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	14	0	0	0	0	0
B3a endrin	0,0008 mg / kg	14	0	0	0	0	0
B3a gama-HCH (lindan)	0,001 mg / kg	14	0	0	0	0	0
B3a heptachlor	0,004 mg / kg	14	0	0	0	0	0
B3a hexachlorbenzen	0,01 mg / kg	14	0	0	0	0	0
B3a chlordan	0,002 mg / kg	14	0	0	0	0	0
B3a sum PCB	0,1 mg / kg fat	17	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	6 pg WHO-PCDD/F-TEQ/g fat	5	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	3 pg WHO-PCDD/F-TEQ/g fat	5	0	0	0	0	0
B3b diazinone	0,01 mg / kg	11	0	0	0	0	0
B3b phorate	0,02 mg / kg	11	0	0	0	0	0
B3b pyrimiphosmethyl	0,05 mg / kg	11	0	0	0	0	0
B3c arsenic	0,05 mg / kg	11	0	0	0	0	0
B3c cadmium	0,01 mg / kg	11	0	0	0	0	0
B3c lead	0,02 mg / kg	11	0	0	0	0	0
B3c mercury	0,01 mg / kg	11	0	0	0	0	0
B3d aflatoxin M2	0,05 µg / kg	40	0	0	0	0	0

CL 2011 - sampling of raw sheep milk



Raw sheep milk - non-compliant results 2011



 cefoperazon

raw sheep milk - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,28000	n.d.	n.d.	0,28000	µg / l
A6	AMOZ	1	0	0,0	0	0,0	0,26000	n.d.	n.d.	0,26000	µg / l
A6	AOZ	1	0	0,0	0	0,0	0,22500	n.d.	n.d.	0,22500	µg / l
A6	dapsone	1	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg / l
A6	chloramphenikol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg / l
A6	SEM	1	0	0,0	0	0,0	0,38000	n.d.	n.d.	0,38000	µg / l
B1	amoxicilin	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg / kg
B1	ampicilin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	benzylpenicilin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	betalactams	2	1	50,0	1	50,0	0,00000	0,00000	0,00000	kvalit	
B1	Cefalexin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	Cefalonium	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	cefazolin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	Cefoperazon	1	1	100,0	1	100,0	5,50000	5,50000	5,50000	5,50000	µg / kg
B1	cefquinom	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	ceftiofur	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	cephapirin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	cloxacilin	1	0	0,0	0	0,0	2,40000	n.d.	n.d.	2,40000	µg / kg
B1	dicloxacilin	1	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg / kg
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	nafcilin	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	penicilin V	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	2	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	oxfendazole	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2c	cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B2c	cypermethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B2c	deltamethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B2c	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	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	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a	dieldrin	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	0,00050	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	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	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	WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	1,32000	1,32000	1,32000	1,32000	pg / g fat
B3a	WHO-PCDD/F-TEQ	1	0	0,0	0	0,0	0,34950	n.d.	n.d.	0,34950	pg / g fat
B3b	diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B3b	phorate	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B3b	pyrimiphosmethyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B3c	arsenic	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B3c	cadmium	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3c	lead	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3c	mercury	1	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00030	mg / kg
B3d	aflatoxin M2	1	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	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5,5'-HexaBDE	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5,6'-HexaBDE	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5-PentaBDE	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',6-PentaBDE	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4'-TetraBDE	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,4,4'-TriBDE	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

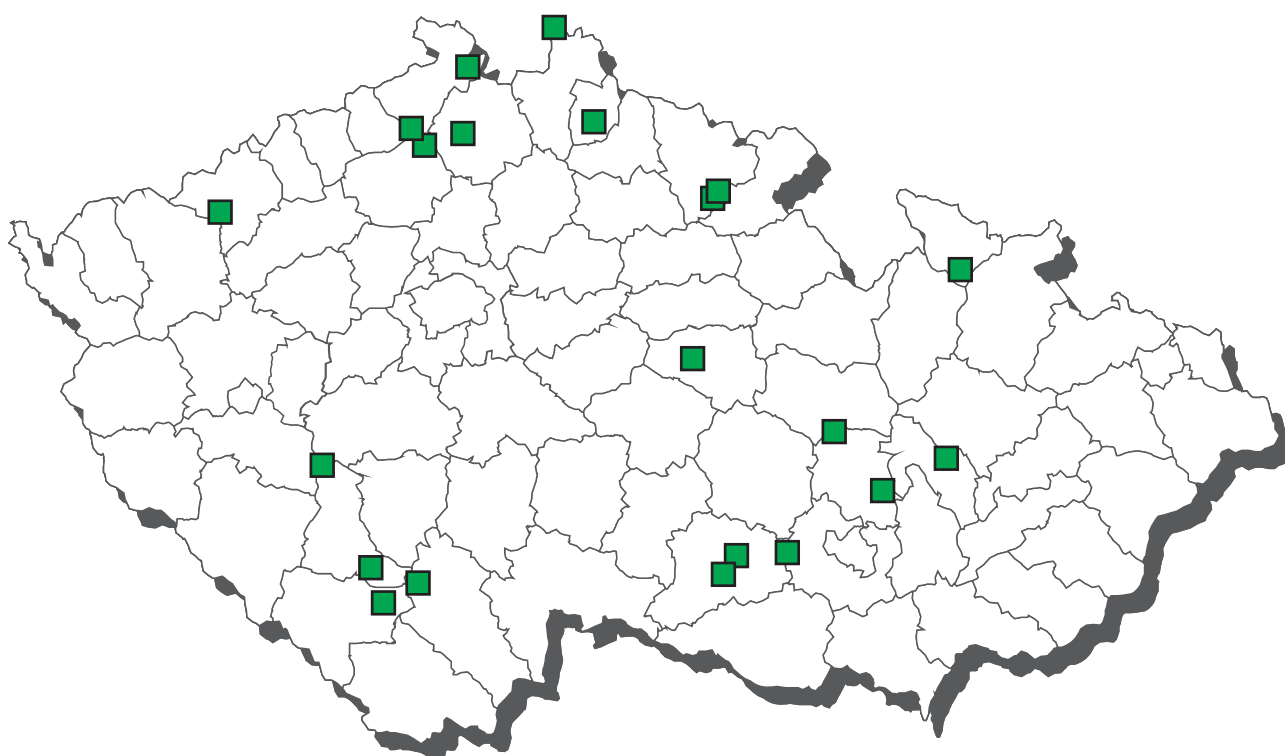
raw sheep milk - monitoring (continuation)

analyte		hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
B1	ampicilin	4 µg / kg	1	0	0	0	0	0
B1	benzylpenicilin	4 µg / kg	1	0	0	0	0	0
B1	cloxacilin	30 µg / kg	1	0	0	0	0	0
B1	oxacilin	30 µg / kg	1	0	0	0	0	0
B1	sulfadiazine	100 µg / kg	2	0	0	0	0	0
B1	sulfadimethoxine	100 µg / kg	2	0	0	0	0	0
B1	sulfadoxine	100 µg / kg	2	0	0	0	0	0
B1	sulfachlorpyridazine	100 µg / kg	2	0	0	0	0	0
B1	sulfamerazine	100 µg / kg	2	0	0	0	0	0
B1	sulfamethoxazole	100 µg / kg	2	0	0	0	0	0
B1	sulfamethoxydiazine	100 µg / kg	2	0	0	0	0	0
B1	sulfaquinoxaline	100 µg / kg	2	0	0	0	0	0
B1	sulfathiazole	100 µg / kg	2	0	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	6 pg WHO-PCDD/F-TEQ/g fat	1	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	3 pg WHO-PCDD/F-TEQ/g fat	1	0	0	0	0	0
B3c	arsenic	0,05 mg / kg	1	0	0	0	0	0
B3c	mercury	0,01 mg / kg	1	0	0	0	0	0
B3d	aflatoxin M2	0,05 µg / kg	1	0	0	0	0	0

raw sheep milk - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
Cefoperazon			
20.10.2011	Brníčko u Zábřeha	Brníčko	5,5 µg / kg

CL 2011 - sampling of raw goat's milk

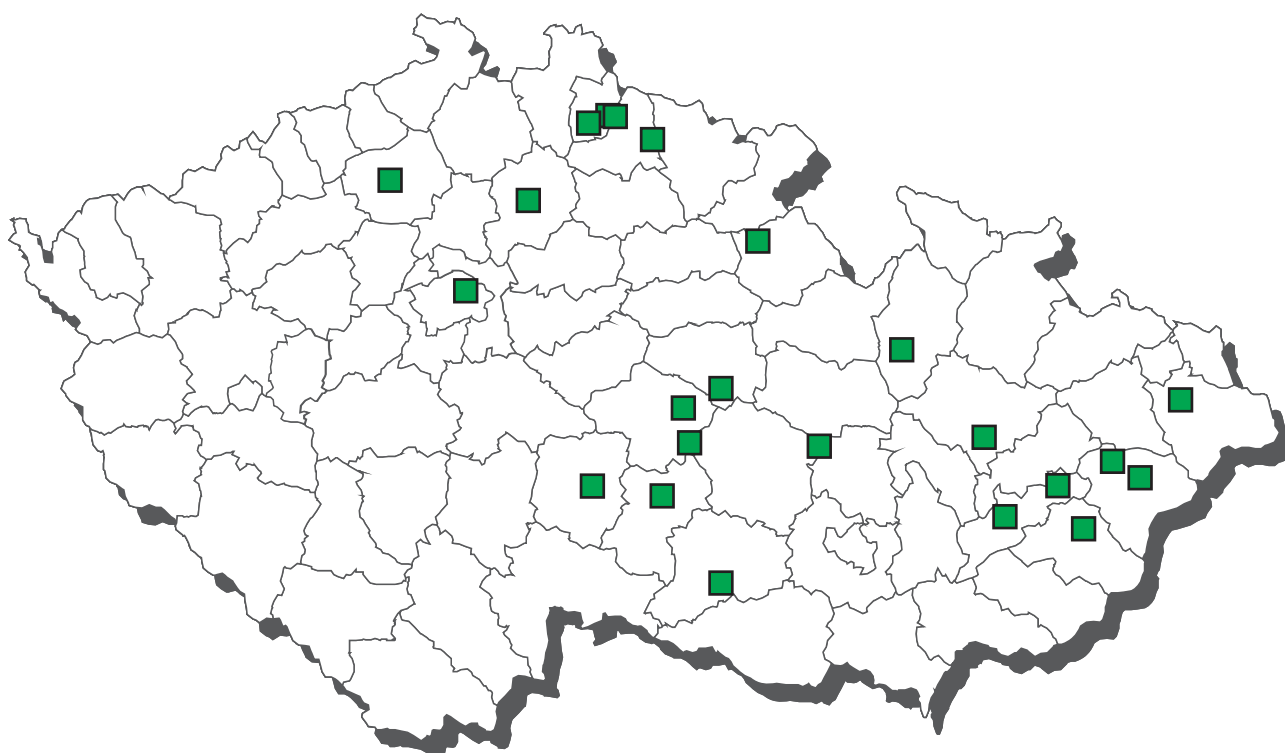


raw goat's milk - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	1	0	0,0	0	0,0	0,28000	n.d.	n.d.	0,28000	µg / l
A6 AMOZ	1	0	0,0	0	0,0	0,26000	n.d.	n.d.	0,26000	µg / l
A6 AOZ	1	0	0,0	0	0,0	0,22500	n.d.	n.d.	0,22500	µg / l
A6 dapsone	1	0	0,0	0	0,0	1,30000	n.d.	n.d.	1,30000	µg / l
A6 chloramphenikol	2	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg / l
A6 SEM	1	0	0,0	0	0,0	0,38000	n.d.	n.d.	0,38000	µg / l
B1 betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	5	0	0,0	0	0,0	22,50000	n.d.	n.d.	62,50000	µg / kg
B1 sulfadiazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimethoxine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimidine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadoxine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfachlorpyridazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamerazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxazole	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxydiazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfaquinoxaline	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfathiazole	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / 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 ivermectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a moxidectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a oxfendazole	5	0	0,0	0	0,0	3,50000	n.d.	n.d.	5,00000	µg / kg
B2c cyhalothrin	2	0	0,0	0	0,0	0,00125	n.d.	n.d.	0,00150	mg / kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg / kg
B2c deltamethrin	2	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg / kg
B2c permethrin	2	0	0,0	0	0,0	0,00275	n.d.	n.d.	0,00500	mg / kg
B2e vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a alfa-HCH	6	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	6	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	6	2	33,3	0	0,0	0,00110	n.d.	0,00240	0,00430	mg / kg
B3a dieldrin	6	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	6	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a endrin	6	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a gama-HCH (lindan)	6	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	6	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	6	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	6	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	6	0	0,0	0	0,0	0,00192	n.d.	n.d.	0,00250	mg / kg fat
B3b diazinone	7	0	0,0	0	0,0	0,00164	n.d.	n.d.	0,00200	mg / kg
B3b phorate	7	0	0,0	0	0,0	0,00207	n.d.	n.d.	0,00250	mg / kg
B3b pyrimiphosmethyl	7	0	0,0	0	0,0	0,00164	n.d.	n.d.	0,00200	mg / kg
B3c arsenic	7	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B3c cadmium	7	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3c lead	7	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg
B3c mercury	7	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg / kg
B3d aflatoxin M2	6	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%
B3a endosulfan - sum	0,05 mg / kg	6	0	0	0	0	0
B3a gama-HCH (lindan)	0,001 mg / kg	6	0	0	0	0	0
B3a chlordan	0,002 mg / kg	6	0	0	0	0	0
B3a sum PCB	0,1 mg / kg fat	6	0	0	0	0	0
B3c cadmium	0,01 mg / kg	7	0	0	0	0	0
B3c lead	0,02 mg / kg	7	0	0	0	0	0

CL 2011 - sampling of drinking milk

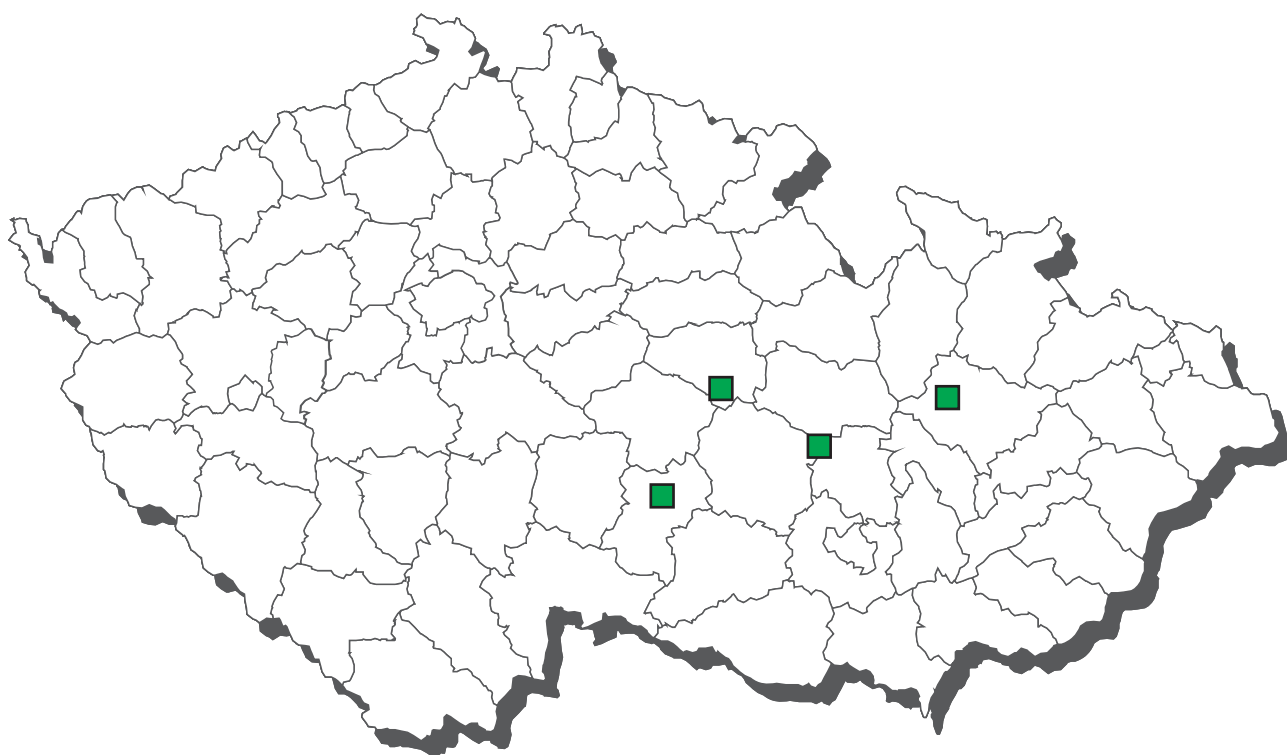


drinking milk - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 residues of ihibitory substances	39	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B3a alfa-HCH	39	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	39	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	39	1	2,6	0	0,0	0,00049	n.d.	n.d.	0,00290	mg / kg
B3a dieldrin	39	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	39	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg / kg
B3a endrin	39	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg / kg
B3a gama-HCH (lindan)	39	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	39	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	39	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	39	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	39	3	7,7	0	0,0	0,00356	n.d.	n.d.	0,02700	mg / kg fat
B3c cadmium	39	0	0,0	0	0,0	0,00049	n.d.	n.d.	0,00050	mg / kg
B3c lead	39	0	0,0	0	0,0	0,00197	n.d.	n.d.	0,00200	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,002 mg / kg	39	0	0	0	0	0
B3a beta-HCH	0,0015 mg / kg	39	0	0	0	0	0
B3a DDT (sum)	0,02 mg / kg	39	0	0	0	0	0
B3a dieldrin	0,003 mg / kg	39	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	39	0	0	0	0	0
B3a endrin	0,0004 mg / kg	39	0	0	0	0	0
B3a gama-HCH (lindan)	0,001 mg / kg	39	0	0	0	0	0
B3a heptachlor	0,002 mg / kg	39	0	0	0	0	0
B3a hexachlorbenzen	0,005 mg / kg	39	0	0	0	0	0
B3a chlordan	0,002 mg / kg	39	0	0	0	0	0
B3a sum PCB	0,1 mg / kg fat	39	0	0	0	0	0
B3c cadmium	0,01 mg / kg	39	0	0	0	0	0
B3c lead	0,02 mg / kg	39	0	0	0	0	0

CL 2011 - sampling of fresh butter

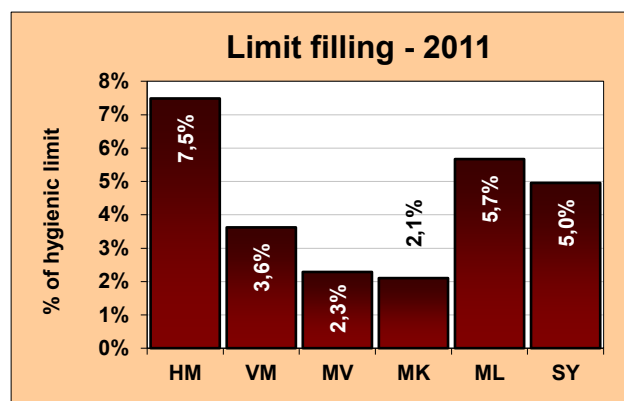
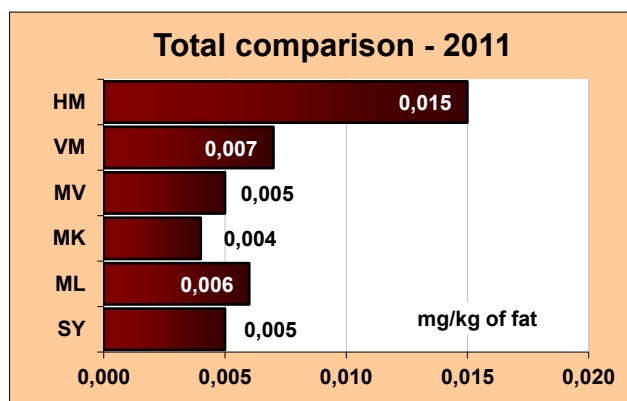
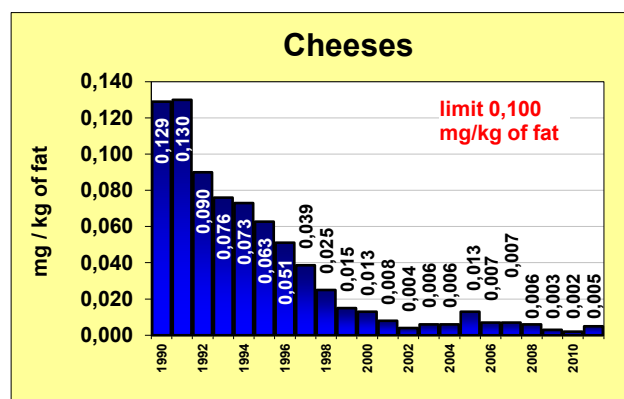
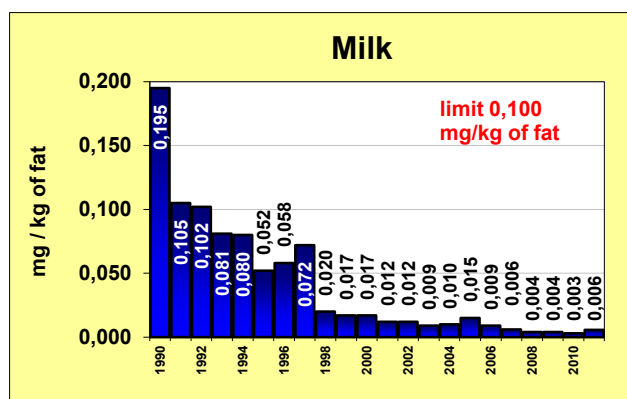
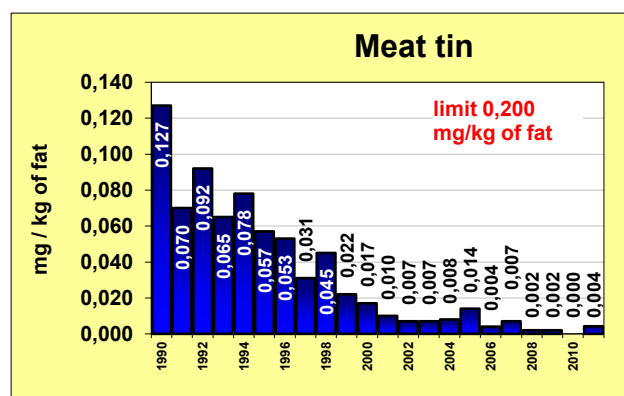
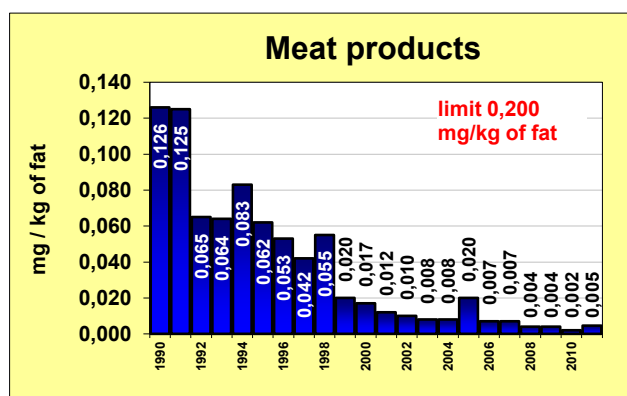
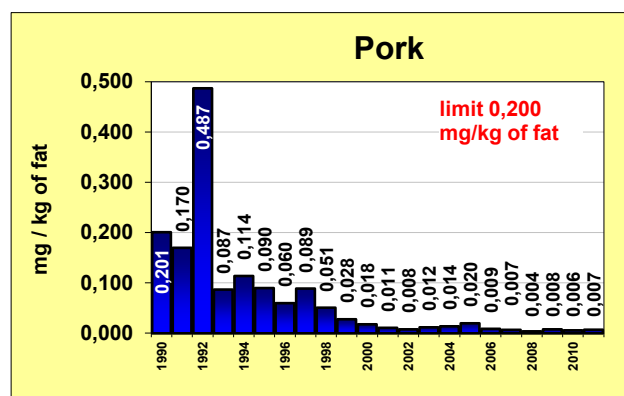
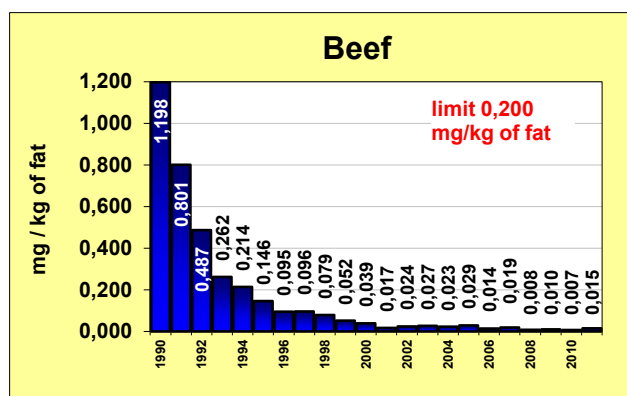


fresh butter - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	5	2	40,0	0	0,0	0,00470	n.d.	0,00860	0,01100	mg / kg fat
B3a WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	1,29600	1,20000	1,49800	1,55000	pg / g fat
B3a WHO-PCDD/F-TEQ	5	4	80,0	0	0,0	0,63590	0,70600	0,71080	0,71200	pg / g fat
B3f 2,2',3,4,4',5',6-HeptaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	0,1 mg / kg fat	5	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	6 pg WHO-PCDD/F-TEQ/g fat	5	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	3 pg WHO-PCDD/F-TEQ/g fat	5	0	0	0	0	0

The average PCB sum content in foodstuffs and raw materials

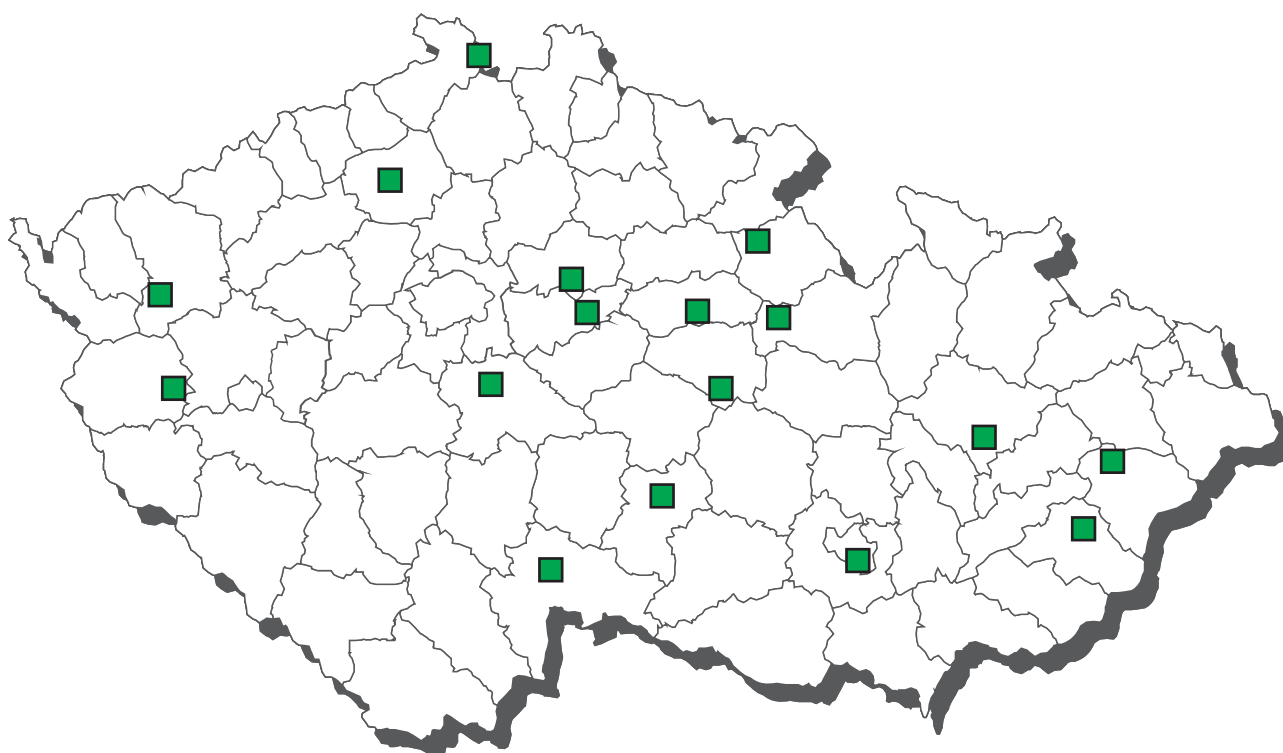


HM beef
VM pork

MV meat products
MK meat tin

SY cheeses
ML milk

CL 2011 - sampling of other milk products

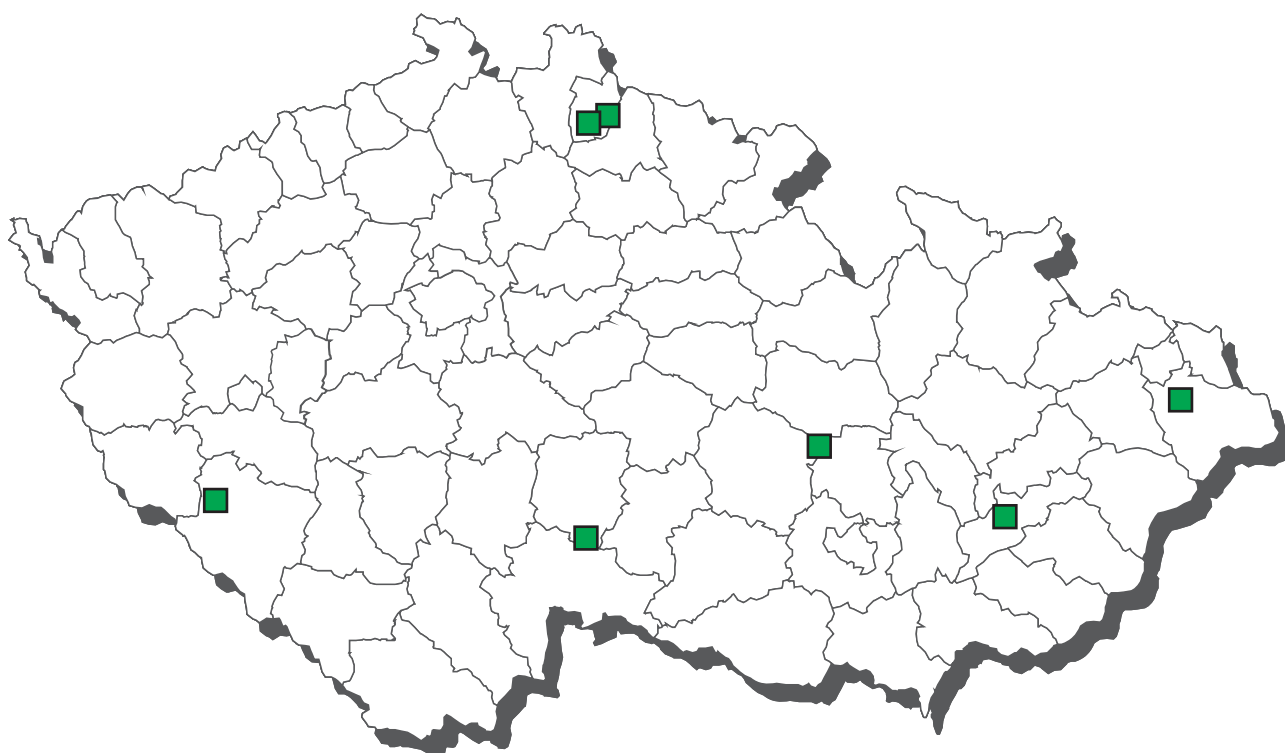


other milk products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a alfa-HCH	13	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00250	mg / kg fat
B3a beta-HCH	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	13	0	0,0	0	0,0	0,00131	n.d.	n.d.	0,00250	mg / kg fat
B3a DDT (sum)	4	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	13	10	76,9	0	0,0	0,02188	0,00900	0,07200	0,08400	mg / kg fat
B3a dieldrin	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	13	0	0,0	0	0,0	0,00112	n.d.	n.d.	0,00250	mg / kg fat
B3a endosulfan - sum	17	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	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a endrin	13	0	0,0	0	0,0	0,00135	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	17	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	13	0	0,0	0	0,0	0,00119	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	13	4	30,8	0	0,0	0,00296	n.d.	0,00500	0,01600	mg / kg fat
B3a chlordan	17	0	0,0	0	0,0	0,00046	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3a sum PCB	15	1	6,7	0	0,0	0,00280	n.d.	n.d.	0,00900	mg / kg fat
B3f cesium 134	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	Bq / kg
B3f cesium 137	7	4	57,1	0	0,0	0,27000	0,17000	0,54600	0,57000	Bq / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,002 mg / kg	4	0	0	0	0	0
B3a alfa-HCH	0,1 mg / kg fat	13	0	0	0	0	0
B3a beta-HCH	0,0015 mg / kg	4	0	0	0	0	0
B3a beta-HCH	0,075 mg / kg fat	13	0	0	0	0	0
B3a DDT (sum)	0,02 mg / kg	4	0	0	0	0	0
B3a DDT (sum)	1 mg / kg fat	13	0	0	0	0	0
B3a dieldrin	0,003 mg / kg	4	0	0	0	0	0
B3a dieldrin	0,15 mg / kg fat	13	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	17	0	0	0	0	0
B3a endrin	0,0004 mg / kg	4	0	0	0	0	0
B3a endrin	0,02 mg / kg fat	13	0	0	0	0	0
B3a gama-HCH (lindan)	0,001 mg / kg	17	0	0	0	0	0
B3a heptachlor	0,002 mg / kg	4	0	0	0	0	0
B3a heptachlor	0,1 mg / kg fat	13	0	0	0	0	0
B3a hexachlorbenzen	0,005 mg / kg	4	0	0	0	0	0
B3a hexachlorbenzen	0,25 mg / kg fat	13	0	0	0	0	0
B3a chlordan	0,002 mg / kg	17	0	0	0	0	0
B3a sum PCB	0,1 mg / kg fat	15	0	0	0	0	0

CL 2011 - sampling of fresh cheese

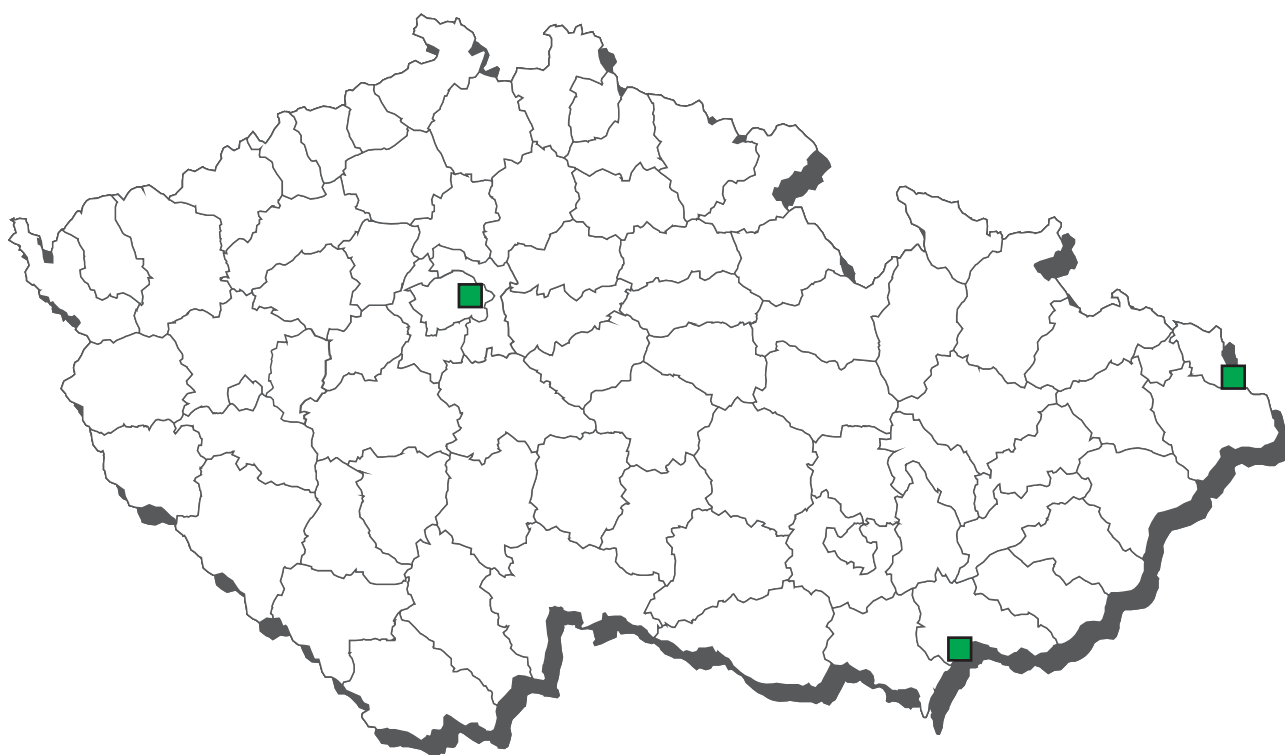


fresh cheese - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	8	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00200	mg / kg fat
B3a beta-HCH	8	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00150	mg / kg fat
B3a DDT (sum)	8	7	87,5	0	0,0	0,01231	0,01250	0,01950	0,02300	mg / kg fat
B3a dieldrin	8	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00200	mg / kg fat
B3a endosulfan - sum	8	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a endrin	8	0	0,0	0	0,0	0,00188	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	8	1	12,5	0	0,0	0,00027	n.d.	0,00050	0,00050	mg / kg
B3a heptachlor	8	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	8	4	50,0	0	0,0	0,00481	0,00275	0,01050	0,01400	mg / kg fat
B3a chlordan	8	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	8	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00250	mg / kg fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,1 mg / kg fat	8	0	0	0	0	0
B3a beta-HCH	0,075 mg / kg fat	8	0	0	0	0	0
B3a DDT (sum)	1 mg / kg fat	8	0	0	0	0	0
B3a dieldrin	0,15 mg / kg fat	8	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	8	0	0	0	0	0
B3a endrin	0,02 mg / kg fat	8	0	0	0	0	0
B3a gama-HCH (lindan)	0,001 mg / kg	8	0	0	0	0	0
B3a heptachlor	0,1 mg / kg fat	8	0	0	0	0	0
B3a hexachlorbenzen	0,25 mg / kg fat	8	0	0	0	0	0
B3a chlordan	0,002 mg / kg	8	0	0	0	0	0
B3a sum PCB	0,1 mg / kg fat	8	0	0	0	0	0

CL 2011 - sampling of processed cheeses

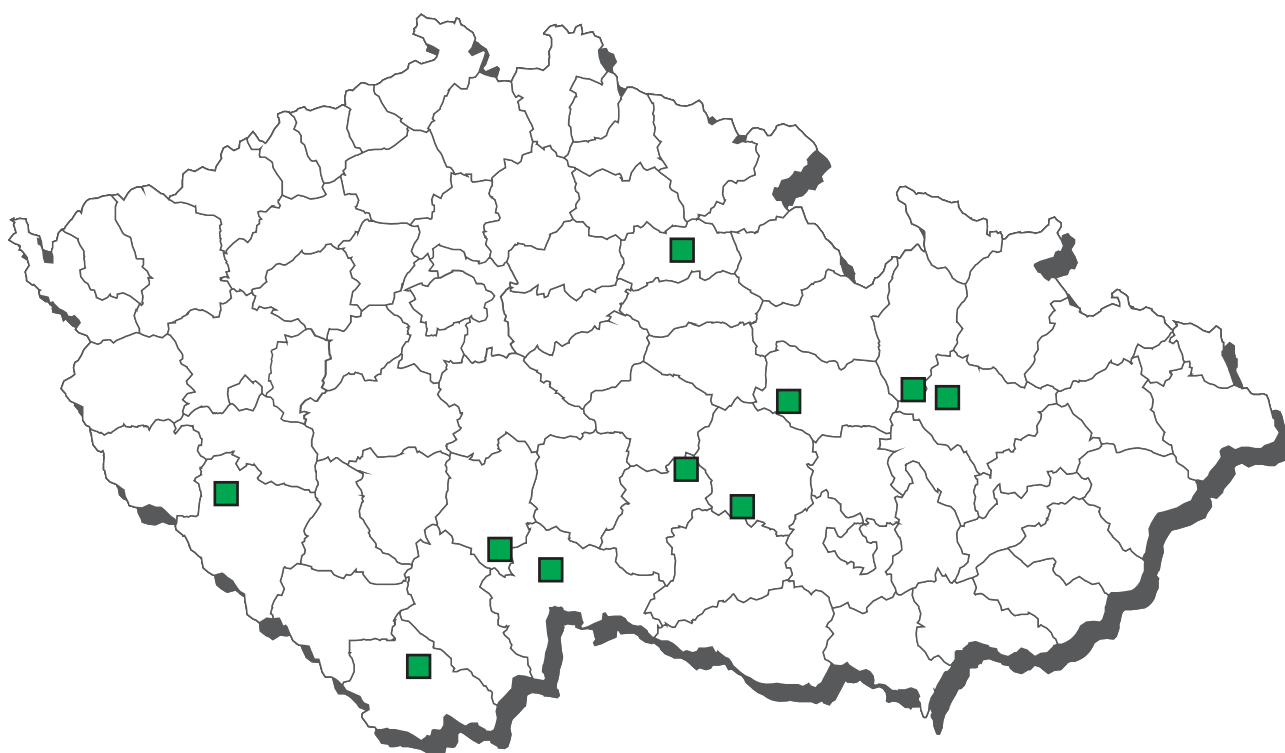


processed cheese - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	3	1	33,3	0	0,0	0,00300	n.d.	0,00520	0,00600	mg / kg fat
B3a beta-HCH	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg / kg fat
B3a DDT (sum)	3	2	66,7	0	0,0	0,00883	0,00600	0,01640	0,01900	mg / kg fat
B3a dieldrin	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00200	mg / kg fat
B3a endosulfan - sum	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a endrin	3	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00250	mg / kg fat
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	0,00150	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	3	2	66,7	0	0,0	0,00800	0,01100	0,01180	0,01200	mg / kg fat
B3a chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	3	1	33,3	0	0,0	0,00933	n.d.	0,01970	0,02400	mg / kg fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,1 mg / kg fat	3	0	0	0	0	0
B3a beta-HCH	0,075 mg / kg fat	3	0	0	0	0	0
B3a DDT (sum)	1 mg / kg fat	3	0	0	0	0	0
B3a dieldrin	0,15 mg / kg fat	3	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	3	0	0	0	0	0
B3a endrin	0,02 mg / kg fat	3	0	0	0	0	0
B3a gama-HCH (lindan)	0,001 mg / kg	3	0	0	0	0	0
B3a heptachlor	0,1 mg / kg fat	3	0	0	0	0	0
B3a hexachlorbenzen	0,25 mg / kg fat	3	0	0	0	0	0
B3a chlordan	0,002 mg / kg	3	0	0	0	0	0
B3a sum PCB	0,1 mg / kg fat	3	0	0	0	0	0

CL 2011 - sampling of ripening cheese

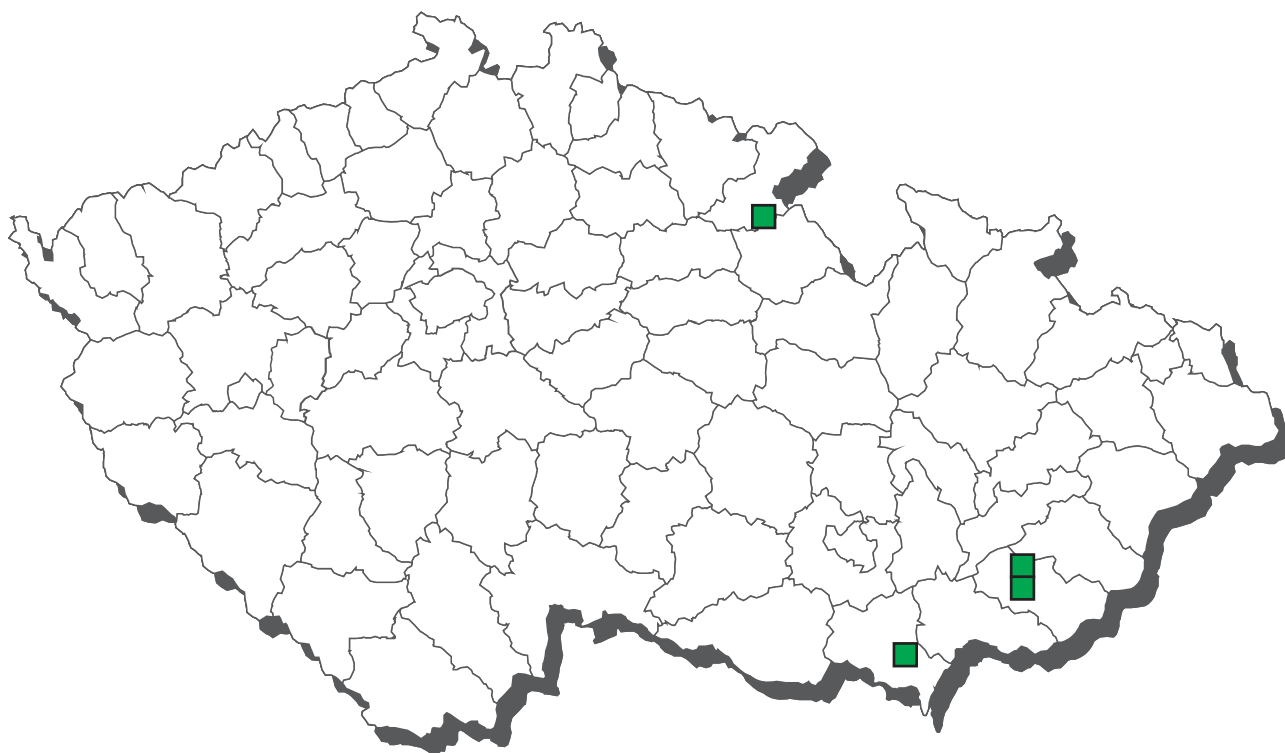


ripening cheese - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a alfa-HCH	9	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00200	mg / kg fat
B3a beta-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a beta-HCH	9	0	0,0	0	0,0	0,00144	n.d.	n.d.	0,00150	mg / kg fat
B3a DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	9	8	88,9	0	0,0	0,01294	0,01500	0,01820	0,01900	mg / kg fat
B3a dieldrin	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a dieldrin	9	0	0,0	0	0,0	0,00178	n.d.	n.d.	0,00200	mg / kg fat
B3a endosulfan - sum	10	0	0,0	0	0,0	0,00026	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 endrin	9	0	0,0	0	0,0	0,00189	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	10	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a heptachlor	9	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a hexachlorbenzen	9	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00150	mg / kg fat
B3a chlordan	10	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	10	0	0,0	0	0,0	0,00180	n.d.	n.d.	0,00250	mg / kg fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,002 mg / kg	1	0	0	0	0	0
B3a alfa-HCH	0,1 mg / kg fat	9	0	0	0	0	0
B3a beta-HCH	0,0015 mg / kg	1	0	0	0	0	0
B3a beta-HCH	0,075 mg / kg fat	9	0	0	0	0	0
B3a DDT (sum)	0,02 mg / kg	1	0	0	0	0	0
B3a DDT (sum)	1 mg / kg fat	9	0	0	0	0	0
B3a dieldrin	0,003 mg / kg	1	0	0	0	0	0
B3a dieldrin	0,15 mg / kg fat	9	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	10	0	0	0	0	0
B3a endrin	0,0004 mg / kg	1	0	0	0	0	0
B3a endrin	0,02 mg / kg fat	9	0	0	0	0	0
B3a gama-HCH (lindan)	0,001 mg / kg	9	1	0	0	0	0
B3a heptachlor	0,002 mg / kg	1	0	0	0	0	0
B3a heptachlor	0,1 mg / kg fat	9	0	0	0	0	0
B3a hexachlorbenzen	0,005 mg / kg	1	0	0	0	0	0
B3a hexachlorbenzen	0,25 mg / kg fat	9	0	0	0	0	0
B3a chlordan	0,002 mg / kg	10	0	0	0	0	0
B3a sum PCB	0,1 mg / kg fat	10	0	0	0	0	0

CL 2011 - sampling of infant and baby formulas



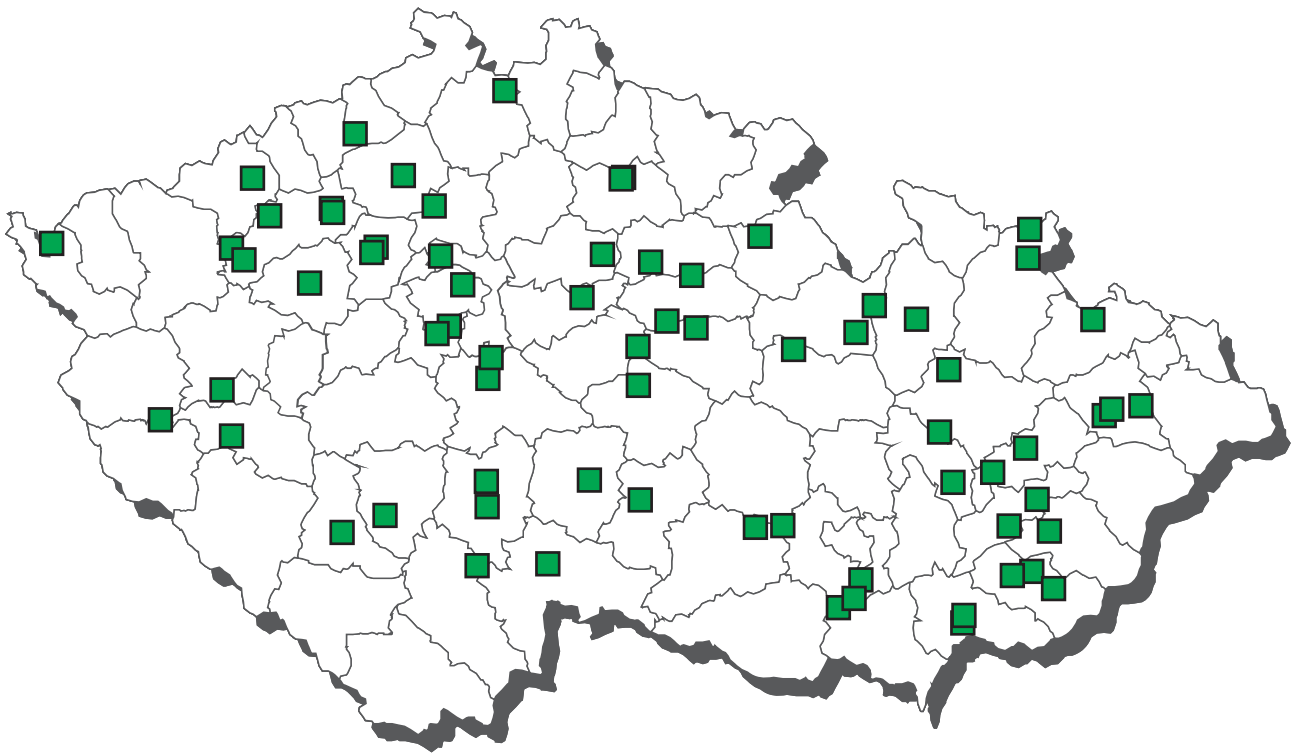
infant and baby formulas - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	12	1	8,3	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	12	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	12	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	12	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	12	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a endrin	12	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a gama-HCH (lindan)	12	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	12	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	12	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	12	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	14	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg fat
B3a WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,23950	0,23950	0,23990	0,24000	pg / g
B3a WHO-PCDD/F-TEQ	2	0	0,0	0	0,0	0,11400	n.d.	n.d.	0,11400	pg / g
B3b demeton-S-methyl	12	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg
B3b disulfoton	12	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3b ethoprofos	12	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00200	mg / kg
B3b fensulfothion	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3b haloxyfop	12	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg / kg
B3b kadusafos	12	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00200	mg / kg
B3b omethoate	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3b terbufos	12	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3c arsenic	12	2	16,7	0	0,0	0,00446	n.d.	0,00950	0,01100	mg / kg
B3c cadmium	12	4	33,3	0	0,0	0,00550	n.d.	0,02320	0,02600	mg / kg
B3c lead	12	1	8,3	0	0,0	0,00283	n.d.	n.d.	0,00400	mg / kg
B3c mercury	12	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg / kg
B3d aflatoxin B2	8	0	0,0	0	0,0	0,03750	n.d.	n.d.	0,05000	µg / kg
B3d aflatoxin M2	8	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg / kg
B3d ochratoxin A	12	0	0,0	0	0,0	0,08333	n.d.	n.d.	0,10000	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	8	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,10000	µg / kg
B3e synthetic colours (sum)	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B3f 2,2',3,4,4',5',6-HeptaBDE	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 5-methylchrysen	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
B3f benzo(a)anthracen	6	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg / kg
B3f benzo(a)pyren	6	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg / kg
B3f benzo(b)fluoranthen	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
B3f benzo(c)fluoren	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f benzo(ghi)perylene	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
B3f benzo(j)fluoranthen	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f benzo(k)fluoranthen	6	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	µg / kg
B3f cyklopenta(cd)pyren	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f dibenzo(ae)pyren	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f dibenzo(ah)anthracen	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
B3f dibenzo(ah)pyren	6	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg / kg
B3f dibenzo(ai)pyren	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
B3f dibenzo(al)pyren	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f fipronil	12	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00100	mg / kg
B3f chrysen	6	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg / kg
B3f indeno(1,2,3,cd)pyren	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
B3f nitrofen	12	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00100	mg / kg

infant and baby formulas - monitoring

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,01 mg / kg	12	0	0	0	0	0
B3a dieldrin	0,003 mg / kg	12	0	0	0	0	0
B3a endosulfan - sum	0,01 mg / kg	12	0	0	0	0	0
B3a endrin	0,003 mg / kg	12	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	12	0	0	0	0	0
B3a heptachlor	0,003 mg / kg	12	0	0	0	0	0
B3a hexachlorbenzen	0,003 mg / kg	12	0	0	0	0	0
B3a chlordan	0,01 mg / kg	12	0	0	0	0	0
B3a sum PCB	0,05 mg / kg fat	14	0	0	0	0	0
B3b demeton-S-methyl	0,006 mg / kg	12	0	0	0	0	0
B3b disulfoton	0,003 mg / kg	12	0	0	0	0	0
B3b ethoprofos	0,008 mg / kg	12	0	0	0	0	0
B3b fensulfotion	0,003 mg / kg	12	0	0	0	0	0
B3b haloxyfop	0,003 mg / kg	12	0	0	0	0	0
B3b kadusafos	0,006 mg / kg	12	0	0	0	0	0
B3b omethoate	0,003 mg / kg	12	0	0	0	0	0
B3b terbufos	0,003 mg / kg	12	0	0	0	0	0
B3c arsenic	0,1 mg / kg	12	0	0	0	0	0
B3c cadmium	0,1 mg / kg	12	0	0	0	0	0
B3c lead	0,02 mg / kg	12	0	0	0	0	0
B3c mercury	0,01 mg / kg	12	0	0	0	0	0
B3d aflatoxin B2	0,1 µg / kg	8	0	0	0	0	0
B3d aflatoxin M2	0,025 µg / kg	8	0	0	0	0	0
B3d ochratoxin A	0,5 µg / kg	12	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	1 µg / kg	8	0	0	0	0	0
B3f benzo(a)anthracen	1 µg / kg	6	0	0	0	0	0
B3f benzo(a)pyren	1 µg / kg	6	0	0	0	0	0
B3f benzo(b)fluoranthen	1 µg / kg	6	0	0	0	0	0
B3f chrysen	1 µg / kg	6	0	0	0	0	0
B3f nitrofen	0,003 mg / kg	12	0	0	0	0	0

CL 2011 - sampling of hen eggs



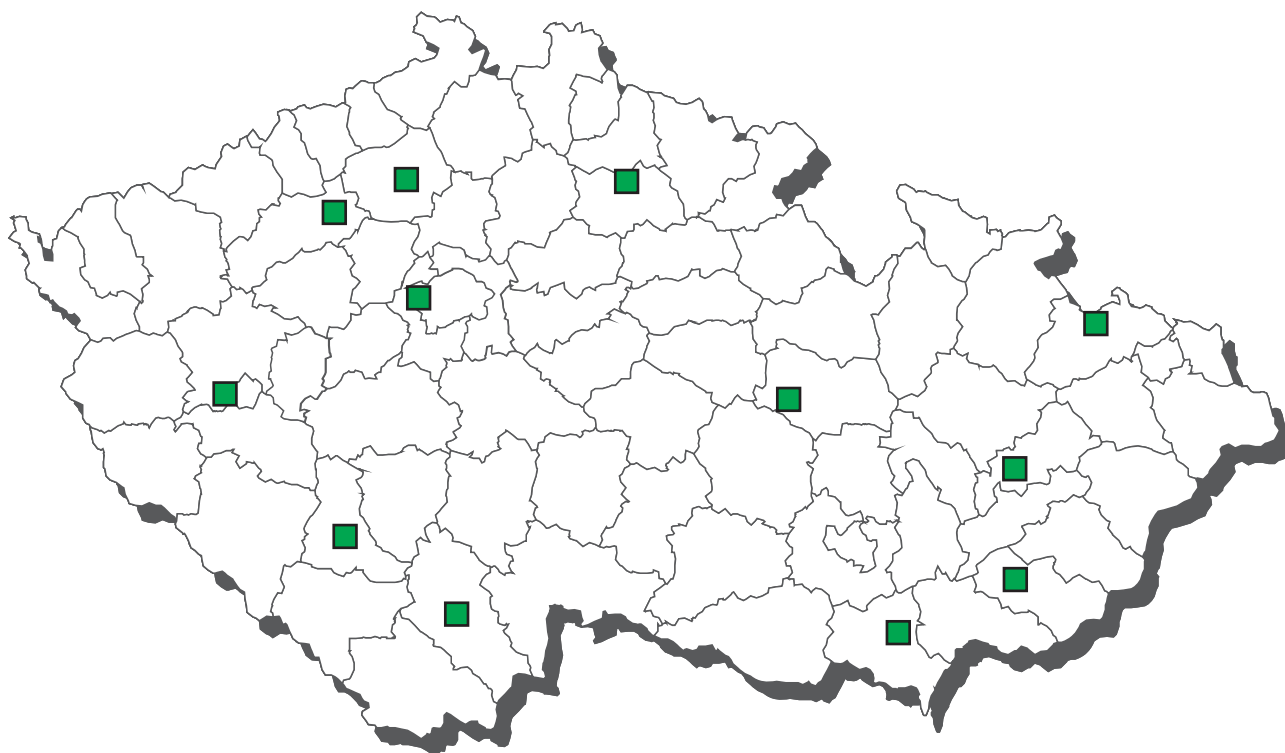
hen eggs - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	10	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6	AMAZ	10	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6	AOZ	10	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6	dimetridazole	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	HMMNI	10	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6	chloramphenikol	49	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6	metronidazole a MNZOH	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	MNZOH	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6	ronidazole	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	SEM	10	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1	betalactams	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	difloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	enrofloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	flumequine	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	oxolinic acid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	macrolides	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	marbofloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	nalidixic acid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	norfloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	residues of ihibitory substances	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	sarafloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B1	sulfadiazine	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	14	0	0,0	0	0,0	13,92857	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a	albendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	fenbendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	levamisole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	mebendazole	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	rafoxanid	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	thiabendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	triclabendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2b	decoquinat	51	1	2,0	0	0,0	1,18235	n.d.	n.d.	10,30000	µg / kg
B2b	diclazuril	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	halofuginone	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	lasalocid	51	1	2,0	0	0,0	1,87843	n.d.	n.d.	14,30000	µg / kg
B2b	maduramicin	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	monensin	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	narasin	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	nicarbazin	51	6	11,8	0	0,0	2,12216	n.d.	3,14000	30,30000	µg / kg
B2b	robenidin	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	salinomycin	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	semduramicin	51	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2c	cyhalothrin	25	0	0,0	0	0,0	0,00120	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	25	0	0,0	0	0,0	0,00162	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	25	0	0,0	0	0,0	0,00176	n.d.	n.d.	0,00250	mg / kg
B2c	permethrin	25	0	0,0	0	0,0	0,00374	n.d.	n.d.	0,00500	mg / kg
B3a	alfa-HCH	59	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	beta-HCH	59	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a	DDT (sum)	59	12	20,3	0	0,0	0,00075	n.d.	0,00112	0,00940	mg / kg
B3a	dieldrin	59	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a	endosulfan - sum	59	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg / kg
B3a	endrin	59	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00015	mg / kg
B3a	gama-HCH (lindan)	59	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a	heptachlor	59	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a	hexachlorbenzen	59	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	chlordan	59	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg / kg
B3a	sum PCB	65	2	3,1	0	0,0	0,00248	n.d.	n.d.	0,01300	mg / kg fat
B3a	WHO-PCDD/F-PCB-TEQ	6	6	100,0	0	0,0	0,96333	0,83500	1,29500	1,47000	pg / g fat
B3a	WHO-PCDD/F-TEQ	6	1	16,7	0	0,0	0,40925	n.d.	0,52875	0,70800	pg / g fat
B3f	2,2',3,4,4',5',6-HeptaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5,5'-HexaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5,6'-HexaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',5-PentaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4',6-PentaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,2',4,4'-TetraBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f	2,4,4'-TriBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

hen eggs - monitoring (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquat	20 µg / kg	50	1	0	0	0	0
B2b diclazuril	2 µg / kg	51	0	0	0	0	0
B2b halofuginone	6 µg / kg	51	0	0	0	0	0
B2b lasalocid	150 µg / kg	51	0	0	0	0	0
B2b maduramicin	2 µg / kg	51	0	0	0	0	0
B2b monensin	2 µg / kg	51	0	0	0	0	0
B2b narasin	2 µg / kg	51	0	0	0	0	0
B2b nicarbazin	100 µg / kg	51	0	0	0	0	0
B2b robenidin	25 µg / kg	51	0	0	0	0	0
B2b salinomycin	3 µg / kg	51	0	0	0	0	0
B2b semduramicin	2 µg / kg	51	0	0	0	0	0
B2c cyhalothrin	0,02 mg / kg	25	0	0	0	0	0
B2c cypermethrin	0,05 mg / kg	25	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	25	0	0	0	0	0
B2c permethrin	0,05 mg / kg	25	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	59	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	59	0	0	0	0	0
B3a DDT (sum)	0,05 mg / kg	59	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	59	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	59	0	0	0	0	0
B3a endrin	0,005 mg / kg	59	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	59	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	59	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	59	0	0	0	0	0
B3a chlordan	0,005 mg / kg	59	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	65	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	6 pg WHO-PCDD/F-TEQ/g fat	6	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	3 pg WHO-PCDD/F-TEQ/g fat	6	0	0	0	0	0

CL 2011 - sampling of egg products

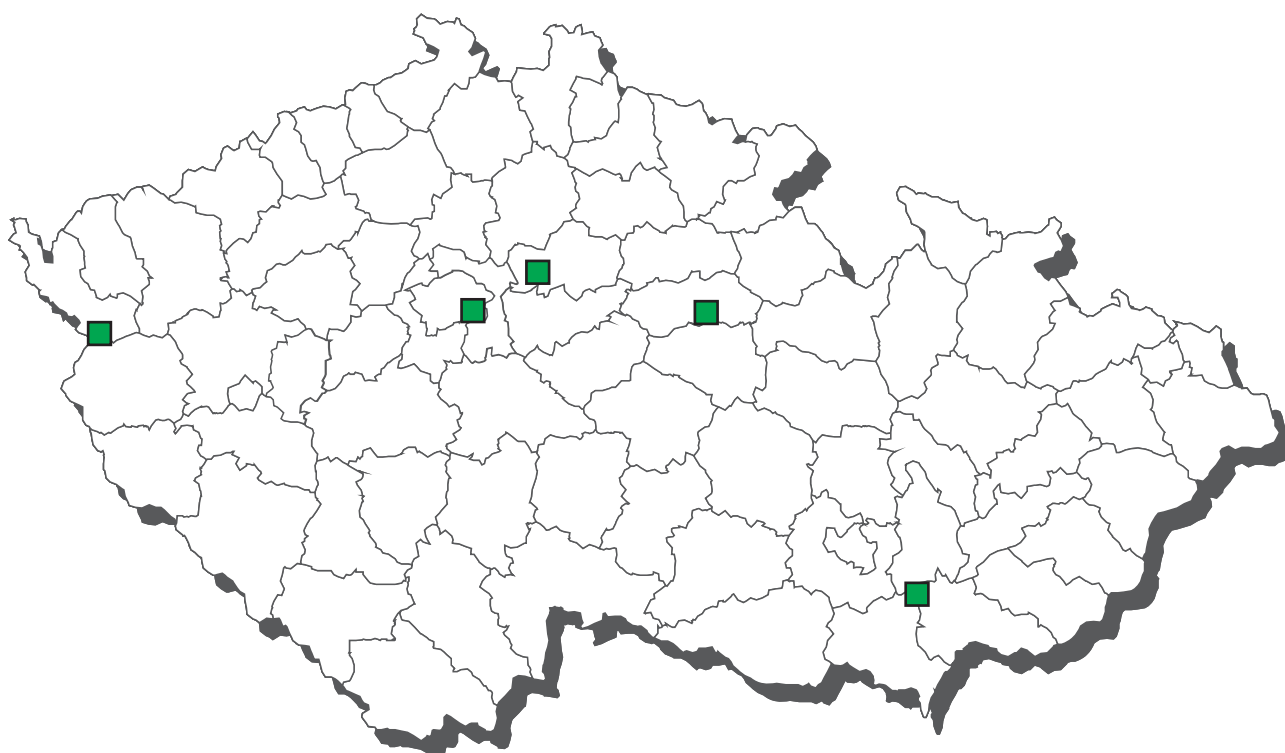


egg products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	14	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg
B3a alfa-HCH	5	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00200	mg / kg fat
B3a beta-HCH	14	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	5	0	0,0	0	0,0	0,00140	n.d.	n.d.	0,00150	mg / kg fat
B3a DDT (sum)	14	2	14,3	0	0,0	0,00055	n.d.	0,00050	0,00150	mg / kg
B3a DDT (sum)	5	1	20,0	0	0,0	0,00500	n.d.	0,01180	0,01800	mg / kg fat
B3a dieldrin	14	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	5	0	0,0	0	0,0	0,00160	n.d.	n.d.	0,00200	mg / kg fat
B3a endosulfan - sum	19	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg / kg
B3a endrin	14	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a endrin	5	0	0,0	0	0,0	0,00180	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	15	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a gama-HCH (lindan)	4	0	0,0	0	0,0	0,00088	n.d.	n.d.	0,00100	mg / kg fat
B3a heptachlor	14	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	5	0	0,0	0	0,0	0,00190	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	14	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	5	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00150	mg / kg fat
B3a chlordan	19	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3a sum PCB	17	2	11,8	0	0,0	0,00362	n.d.	0,00430	0,02300	mg / kg fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	14	0	0	0	0	0
B3a alfa-HCH	0,2 mg / kg fat	5	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	14	0	0	0	0	0
B3a beta-HCH	0,1 mg / kg fat	5	0	0	0	0	0
B3a DDT (sum)	0,05 mg / kg	14	0	0	0	0	0
B3a DDT (sum)	0,5 mg / kg fat	5	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	14	0	0	0	0	0
B3a dieldrin	0,2 mg / kg fat	5	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	19	0	0	0	0	0
B3a endrin	0,005 mg / kg	14	0	0	0	0	0
B3a endrin	0,05 mg / kg fat	5	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	15	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	14	0	0	0	0	0
B3a heptachlor	0,2 mg / kg fat	5	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	14	0	0	0	0	0
B3a hexachlorbenzen	0,2 mg / kg fat	5	0	0	0	0	0
B3a chlordan	0,005 mg / kg	19	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	17	0	0	0	0	0

CL 2011 - sampling of quail's eggs

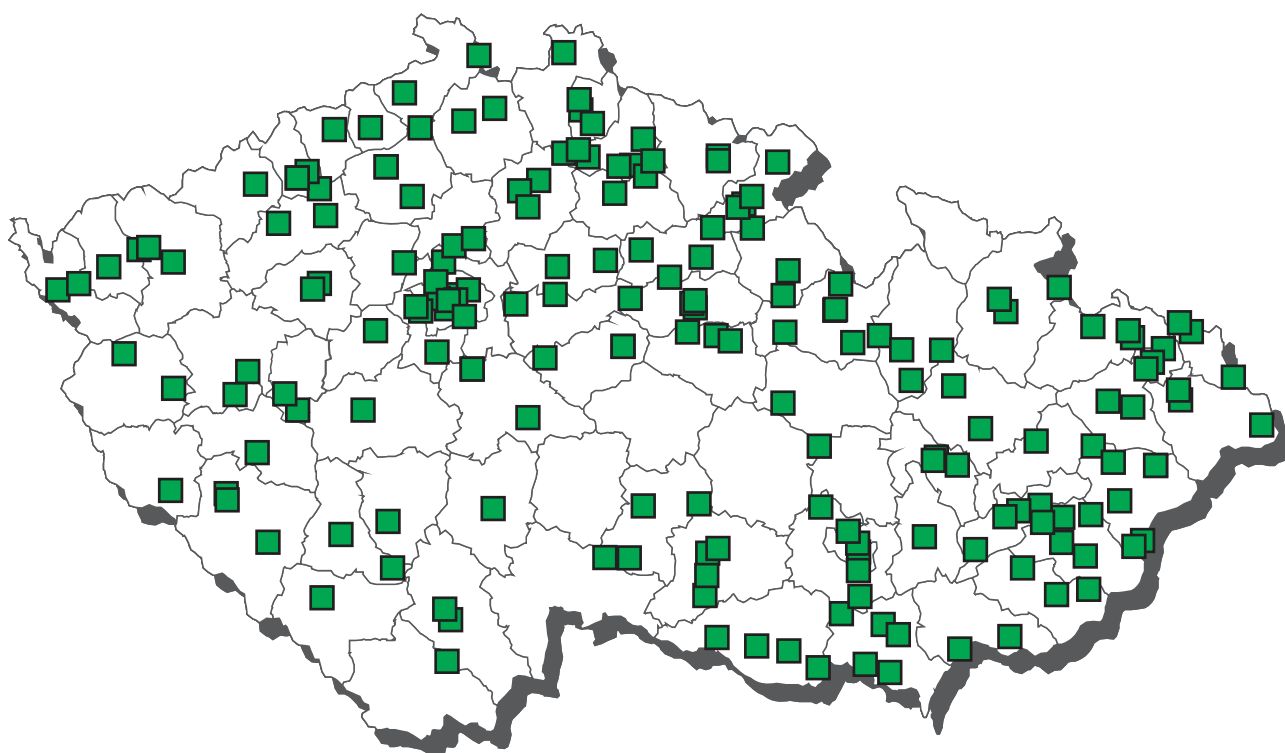


quail's eggs - monitoring

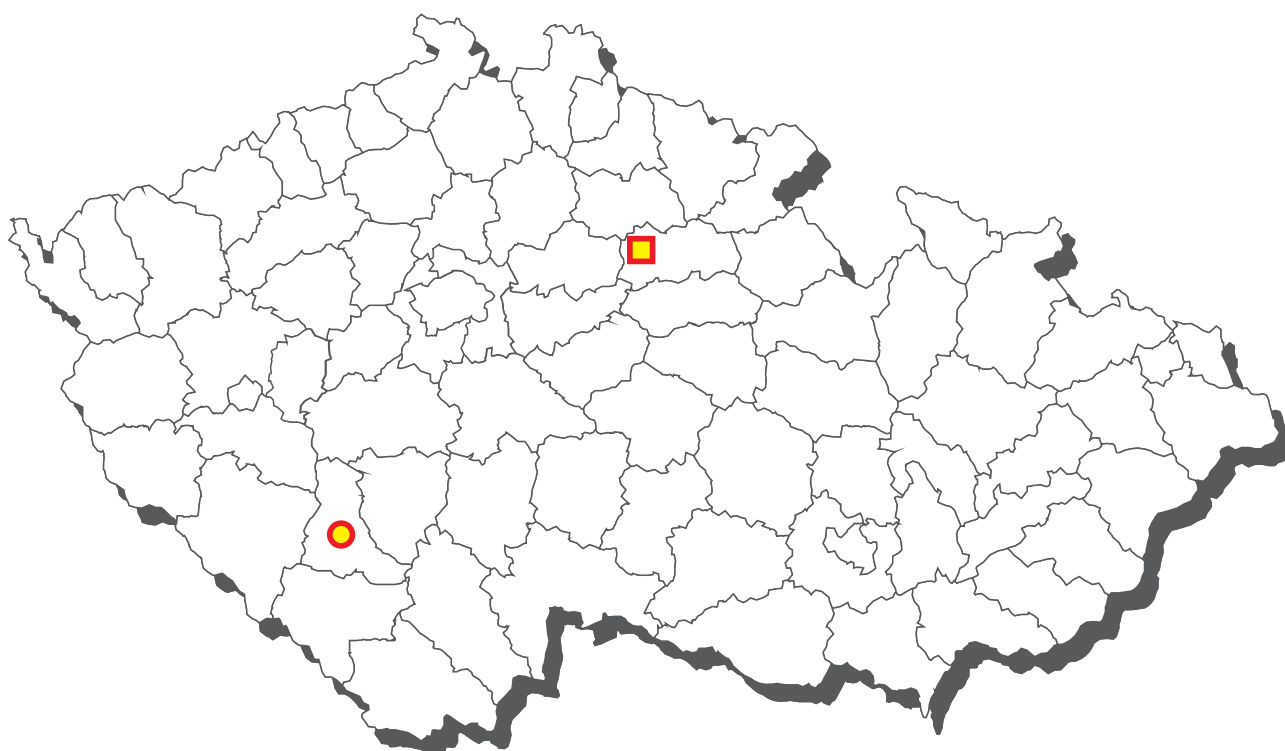
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 clenbuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 mabuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 salbutamol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A6 AHD	1	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	1	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	1	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 dimetridazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 dimetridazole	5	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg / l
A6 HMMNI	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 metronidazole a MNZOH	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6 MNZOH	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 ronidazole	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A6 SEM	1	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	
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	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b lasalocid	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b narasin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b nicarbazin	3	1	33,3	0	0,0	28,93333	n.d.	68,04000	84,80000	µg / kg
B2b robenidin	3	1	33,3	0	0,0	8,26667	n.d.	18,44000	22,80000	µg / kg
B2b salinomycin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B3a DDT (sum)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	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	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a 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	0,00027	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	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	3	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg / kg fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	20 µg / kg	3	0	0	0	0	0
B2b diclazuril	2 µg / kg	0	3	0	0	0	0
B2b halofuginone	6 µg / kg	3	0	0	0	0	0
B2b lasalocid	150 µg / kg	3	0	0	0	0	0
B2b maduramicin	2 µg / kg	0	3	0	0	0	0
B2b monensin	2 µg / kg	0	3	0	0	0	0
B2b narasin	2 µg / kg	0	3	0	0	0	0
B2b nicarbazin	100 µg / kg	2	0	1	0	0	0
B2b robenidin	25 µg / kg	2	0	1	0	0	0
B2b salinomycin	3 µg / kg	3	0	0	0	0	0
B2b semduramicin	2 µg / kg	0	3	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	3	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	3	0	0	0	0	0
B3a DDT (sum)	0,05 mg / kg	3	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	3	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	3	0	0	0	0	0
B3a endrin	0,005 mg / kg	3	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	3	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	3	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	3	0	0	0	0	0
B3a chlordan	0,005 mg / kg	3	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	3	0	0	0	0	0

CL 2011 - sampling of meat products



Meat products - non-compliant results 2011



■ syntetic colours (sum) ● lead

meat products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	13	1	7,7	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a alfa-HCH	82	0	0,0	0	0,0	0,00139	n.d.	n.d.	0,00200	mg / kg fat
B3a beta-HCH	13	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	82	0	0,0	0	0,0	0,00126	n.d.	n.d.	0,00150	mg / kg fat
B3a DDT (sum)	13	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	82	43	52,4	0	0,0	0,00914	0,00400	0,02290	0,06700	mg / kg fat
B3a dieldrin	13	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	82	0	0,0	0	0,0	0,00115	n.d.	n.d.	0,00200	mg / kg fat
B3a endosulfan - sum	94	0	0,0	0	0,0	0,00041	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 fat
B3a endrin	13	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00015	mg / kg
B3a endrin	82	0	0,0	0	0,0	0,00142	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	13	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg
B3a gama-HCH (lindan)	82	0	0,0	0	0,0	0,00090	n.d.	n.d.	0,00150	mg / kg fat
B3a heptachlor	13	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	82	0	0,0	0	0,0	0,00128	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	13	1	7,7	0	0,0	0,00030	n.d.	n.d.	0,00080	mg / kg
B3a hexachlorbenzen	82	1	1,2	0	0,0	0,00095	n.d.	n.d.	0,00500	mg / kg fat
B3a chlordan	94	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg fat
B3a sum PCB	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3a sum PCB	93	4	4,3	0	0,0	0,00249	n.d.	n.d.	0,01200	mg / kg fat
B3c cadmium	94	15	16,0	0	0,0	0,00256	n.d.	0,00285	0,02900	mg / kg
B3c lead	94	22	23,4	1	1,1	0,02788	n.d.	0,01000	1,97500	mg / kg
B3c mercury	94	38	40,4	0	0,0	0,00118	n.d.	0,00214	0,01300	mg / kg
B3e E124 - Ponceau 4R	65	1	1,5	1	1,5	0,52923	n.d.	n.d.	12,51000	mg / kg
B3e E128 - red 2G	41	0	0,0	0	0,0	0,08415	n.d.	n.d.	0,15000	mg / kg
B3e synthetic colours (sum)	65	1	1,5	1	1,5	0,00000	n.d.	n.d.	kvalit	

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	13	0	0	0	0	0
B3a alfa-HCH	0,2 mg / kg fat	82	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	13	0	0	0	0	0
B3a beta-HCH	0,1 mg / kg fat	82	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	13	0	0	0	0	0
B3a DDT (sum)	1 mg / kg fat	82	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	13	0	0	0	0	0
B3a dieldrin	0,2 mg / kg fat	82	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	94	0	0	0	0	0
B3a endrin	0,01 mg / kg	13	0	0	0	0	0
B3a endrin	0,05 mg / kg fat	82	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	13	0	0	0	0	0
B3a gama-HCH (lindan)	0,02 mg / kg fat	82	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	13	0	0	0	0	0
B3a heptachlor	0,2 mg / kg fat	82	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	13	0	0	0	0	0
B3a hexachlorbenzen	0,2 mg / kg fat	82	0	0	0	0	0
B3a chlordan	0,05 mg / kg	94	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	93	0	0	0	0	0
B3c cadmium	0,05 mg / kg	93	1	0	0	0	0
B3c lead	0,1 mg / kg	93	0	0	0	0	1
B3c mercury	0,01 mg / kg	89	2	2	1*	0	0

* compliant (within expanded uncertainty of measurement)

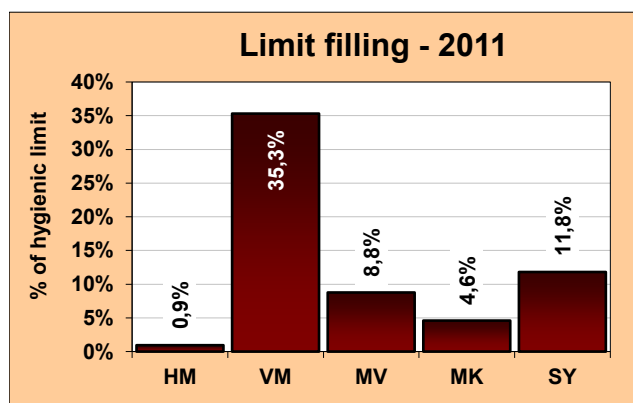
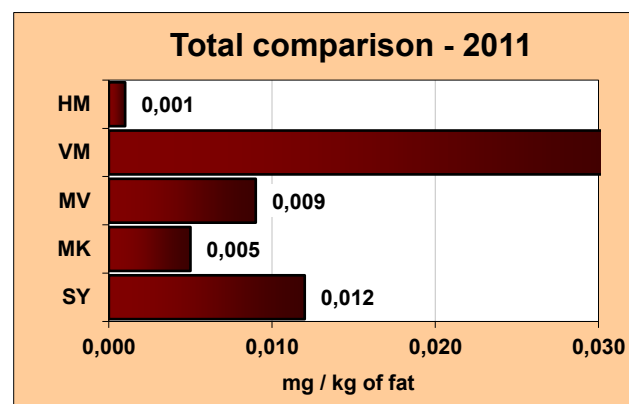
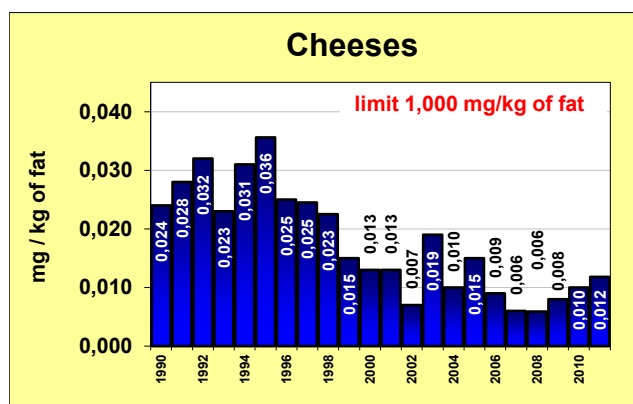
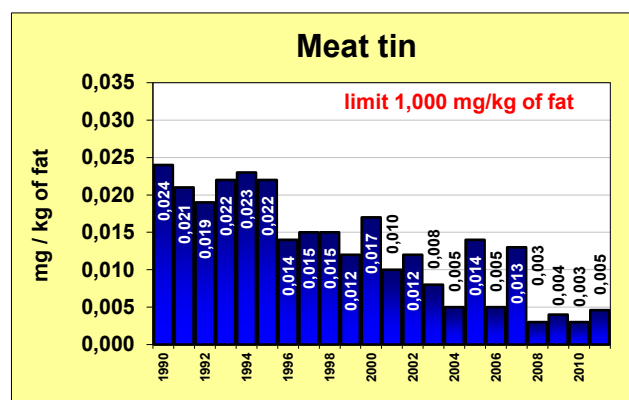
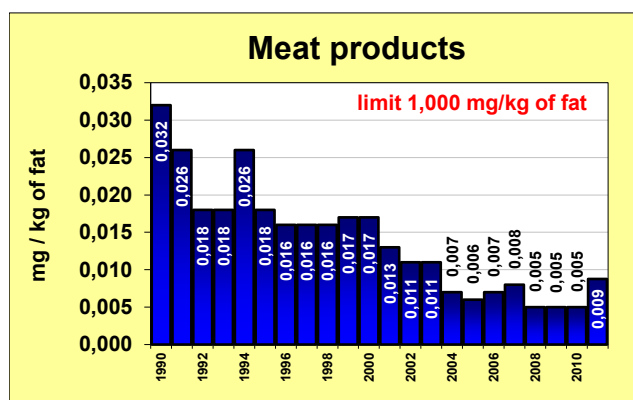
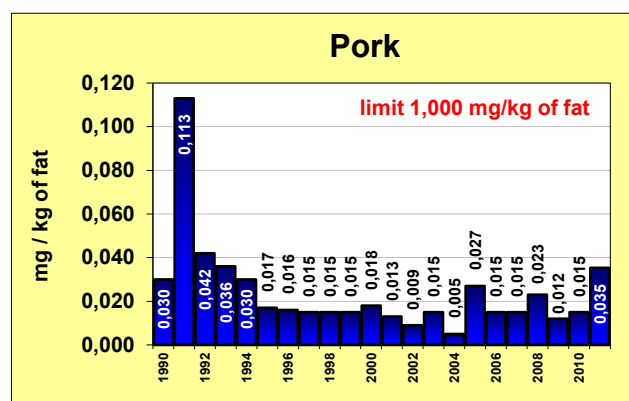
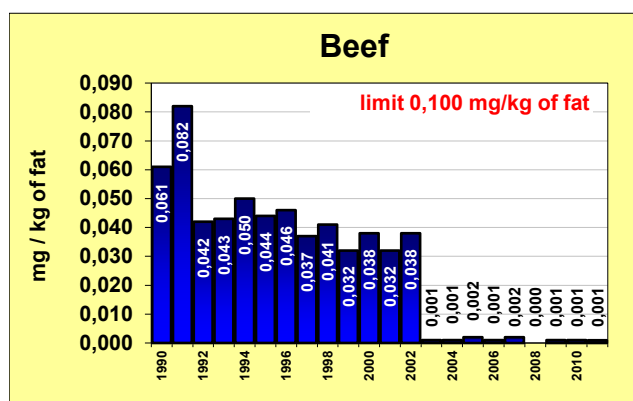
meat products - monitoring- list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
lead			
14.02.2011	Strakonice	Strakonice	1,975 mg / kg
synthetic colours (sum) (E124 - Ponceau 4R)			
31.05.2011	Nový Bydžov	Nový Bydžov	12,51 mg / kg

meat products - monitoring - suspect samples

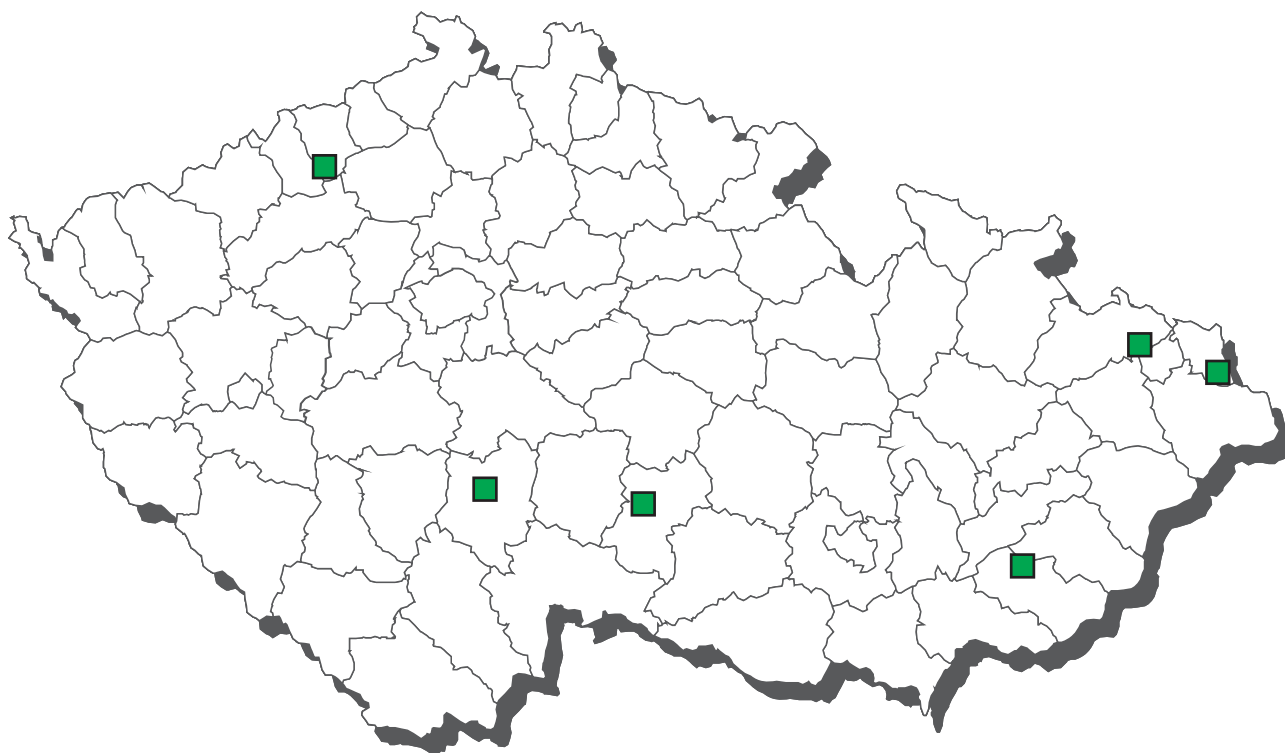
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e E124 - Ponceau 4R	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg / kg

The average DDT content in foodstuffs and raw materials



HM Beef
 VM Pork
 MV Meat products
 MK Meat tins
 SY Cheeses

CL 2011 - sampling of canned meat

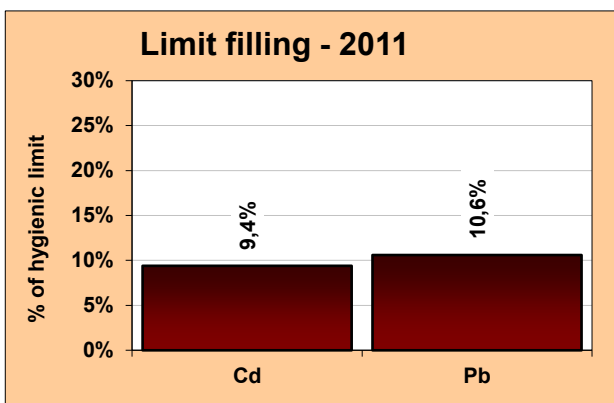
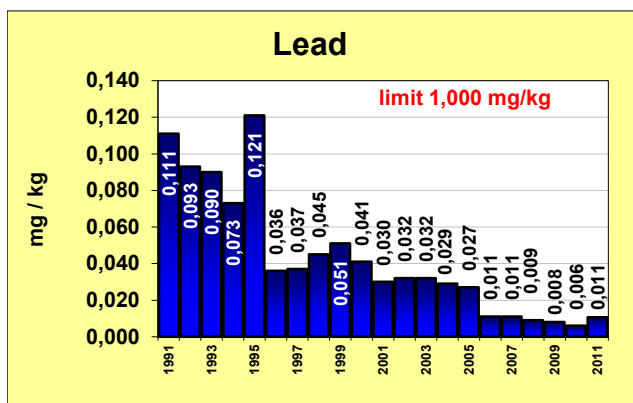
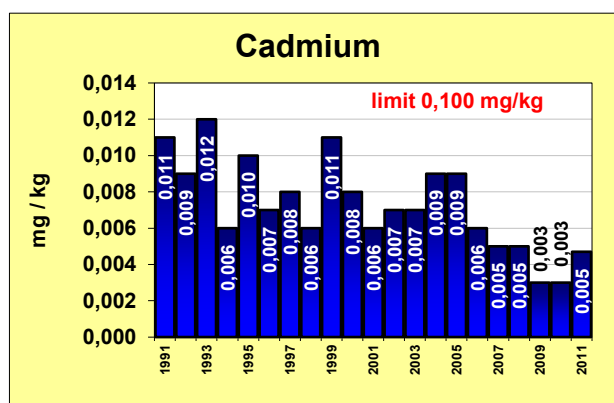
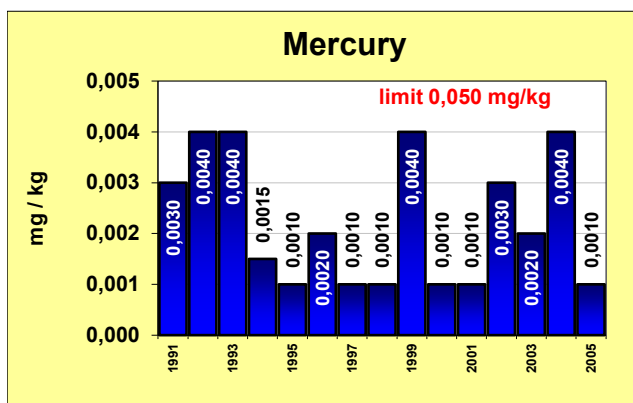


canned meat - monitoring

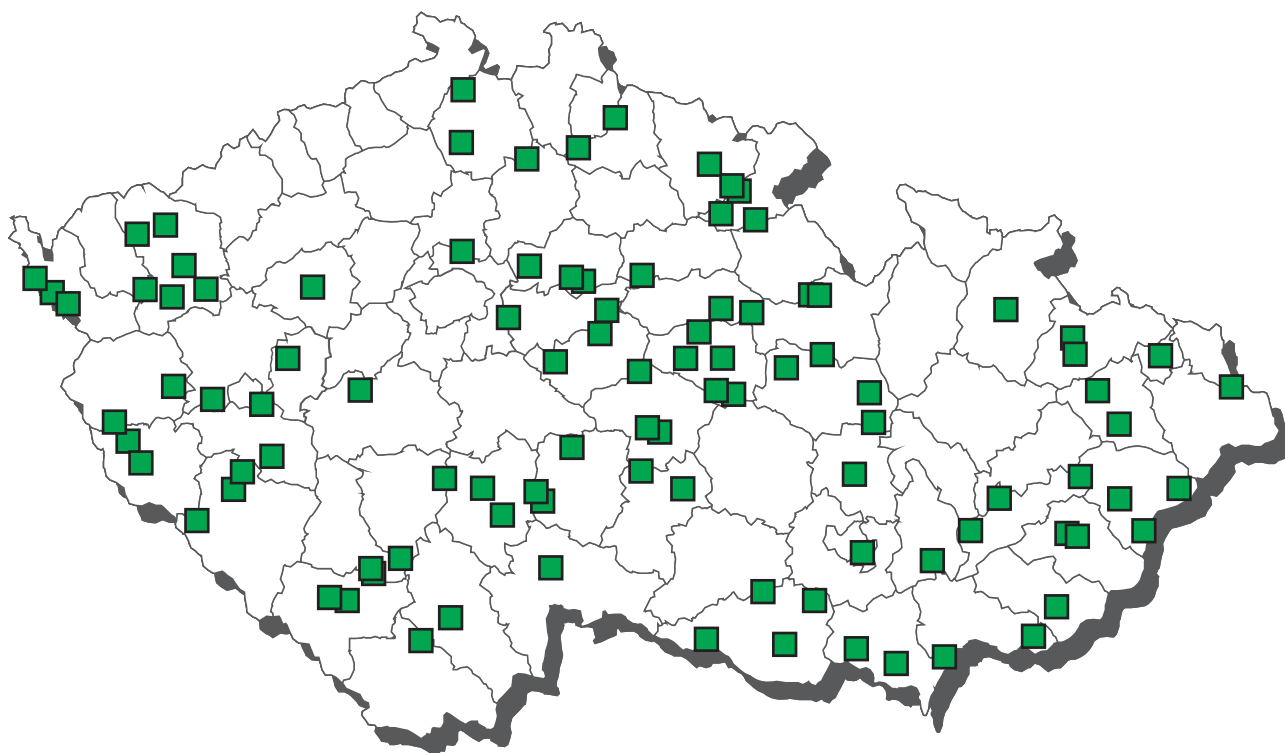
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	5	0	0,0	0	0,0	0,00160	n.d.	n.d.	0,00200	mg / kg fat
B3a beta-HCH	5	0	0,0	0	0,0	0,00140	n.d.	n.d.	0,00150	mg / kg fat
B3a DDT (sum)	5	1	20,0	0	0,0	0,00310	n.d.	0,00580	0,00800	mg / kg fat
B3a dieldrin	5	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00200	mg / kg fat
B3a endosulfan - sum	5	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a endrin	5	0	0,0	0	0,0	0,00190	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	5	0	0,0	0	0,0	0,00110	n.d.	n.d.	0,00150	mg / kg fat
B3a heptachlor	5	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	5	0	0,0	0	0,0	0,00110	n.d.	n.d.	0,00150	mg / kg fat
B3a chlordan	5	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	5	0	0,0	0	0,0	0,00210	n.d.	n.d.	0,00250	mg / kg fat
B3c tin	5	1	20,0	0	0,0	1,28180	n.d.	3,26000	5,00000	mg / kg
B3c cadmium	5	2	40,0	0	0,0	0,00320	n.d.	0,00430	0,00450	mg / kg
B3c lead	5	1	20,0	0	0,0	0,00660	n.d.	0,00980	0,01300	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,2 mg / kg fat	5	0	0	0	0	0
B3a beta-HCH	0,1 mg / kg fat	5	0	0	0	0	0
B3a DDT (sum)	1 mg / kg fat	5	0	0	0	0	0
B3a dieldrin	0,2 mg / kg fat	5	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	5	0	0	0	0	0
B3a endrin	0,05 mg / kg fat	5	0	0	0	0	0
B3a gama-HCH (lindan)	0,02 mg / kg fat	5	0	0	0	0	0
B3a heptachlor	0,2 mg / kg fat	5	0	0	0	0	0
B3a hexachlorbenzen	0,2 mg / kg fat	5	0	0	0	0	0
B3a chlordan	0,05 mg / kg	5	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	5	0	0	0	0	0
B3c tin	200 mg / kg	5	0	0	0	0	0
B3c cadmium	0,05 mg / kg	5	0	0	0	0	0
B3c lead	0,1 mg / kg	5	0	0	0	0	0

The average content of contaminants in canned meat



CL 2011 - sampling of honey



Honey - non-compliant results 2011



 lead

honey - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	5	1	20,0	0	0,0	0,21600	n.d.	0,27000	0,27000	µg / kg
A6 AMOZ	5	1	20,0	0	0,0	0,20400	n.d.	0,25500	0,25500	µg / kg
A6 AOZ	5	1	20,0	0	0,0	0,15200	n.d.	0,19000	0,19000	µg / kg
A6 chloramphenikol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6 SEM	5	1	20,0	0	0,0	0,31200	n.d.	0,39000	0,39000	µg / kg
B1 betalactams	30	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	30	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	30	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sulfonamides	30	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	30	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2c cyhalothrin	16	0	0,0	0	0,0	0,00119	n.d.	n.d.	0,00150	mg / kg
B2c cypermethrin	16	0	0,0	0	0,0	0,00163	n.d.	n.d.	0,00250	mg / kg
B2c deltamethrin	16	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg / kg
B2c tau-fluvalinat	15	0	0,0	0	0,0	0,00383	n.d.	n.d.	0,00500	mg / kg
B2c permethrin	16	0	0,0	0	0,0	0,00388	n.d.	n.d.	0,00500	mg / kg
B2f amitraz	6	0	0,0	0	0,0	17,75000	n.d.	n.d.	20,00000	µg / kg
B2f amitraz	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg / kg
B3a alfa-HCH	15	0	0,0	0	0,0	0,00022	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	15	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	15	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	15	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	15	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a endrin	15	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a gama-HCH (lindan)	15	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	15	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	15	0	0,0	0	0,0	0,00022	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	15	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	15	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00100	mg / kg
B3b diazinone	15	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00200	mg / kg
B3b phorate	15	0	0,0	0	0,0	0,00207	n.d.	n.d.	0,00250	mg / kg
B3b pyrimiphosmethyl	15	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00200	mg / kg
B3c cadmium	15	6	40,0	0	0,0	0,00603	n.d.	0,01300	0,02300	mg / kg
B3c lead	15	4	26,7	1	6,7	0,04680	n.d.	0,02620	0,45000	mg / kg
B3f cesium 134	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	Bq / kg
B3f cesium 137	5	3	60,0	0	0,0	0,20000	0,23000	0,34600	0,39000	Bq / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c cyhalothrin	0,02 mg / kg	16	0	0	0	0	0
B2c cypermethrin	0,05 mg / kg	16	0	0	0	0	0
B2c tau-fluvalinat	0,01 mg / kg	7	8	0	0	0	0
B2f amitraz	200 µg / kg	6	0	0	0	0	0
B3a DDT (sum)	0,05 mg / kg	15	0	0	0	0	0
B3a dieldrin	0,01 mg / kg	15	0	0	0	0	0
B3a endosulfan - sum	0,01 mg / kg	15	0	0	0	0	0
B3a endrin	0,01 mg / kg	15	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	15	0	0	0	0	0
B3a heptachlor	0,01 mg / kg	15	0	0	0	0	0
B3a chlordan	0,01 mg / kg	15	0	0	0	0	0
B3a sum PCB	2 mg / kg	15	0	0	0	0	0
B3c cadmium	0,5 mg / kg	15	0	0	0	0	0
B3c lead	0,25 mg / kg	14	0	0	0	1	0
B3f cesium 134	600 Bq / kg	5	0	0	0	0	0
B3f cesium 137	600 Bq / kg	5	0	0	0	0	0

honey - monitoring - list of non-compliant results

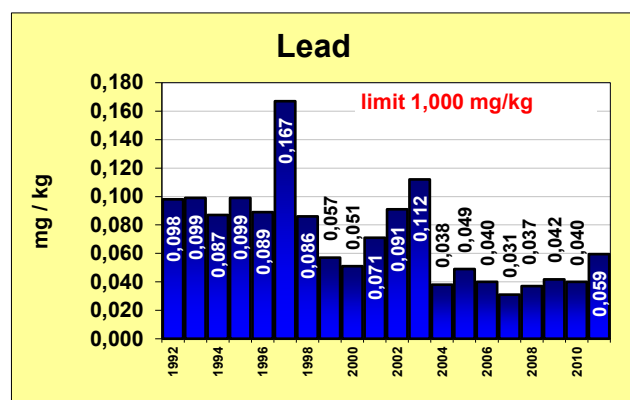
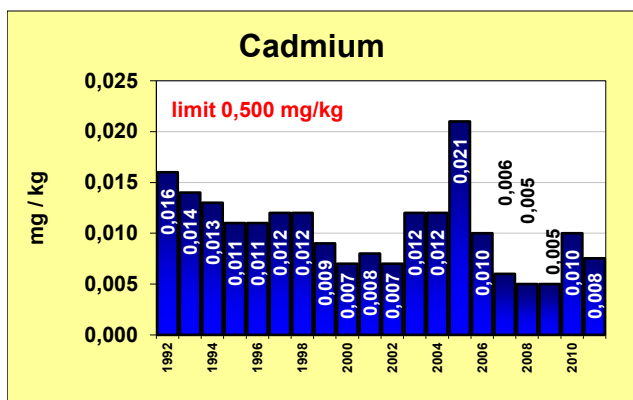
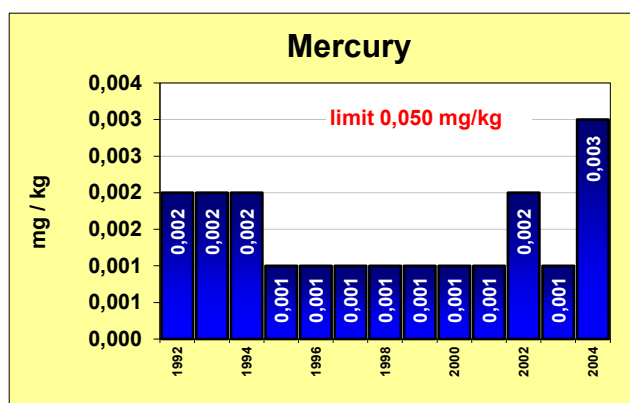
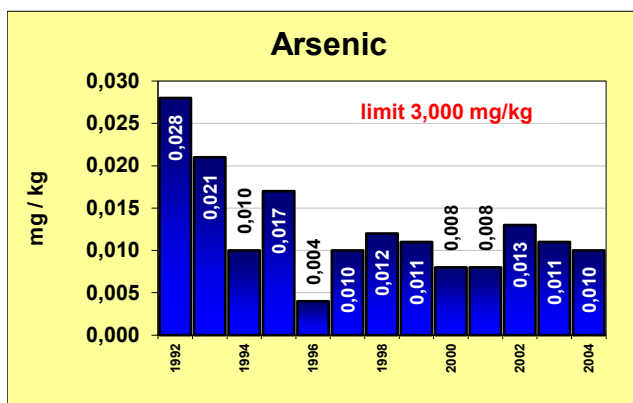
sampling date	cadastral distr. (sampling)	origin	value
lead			
27.05.2011	Podhradní Lhota	Podhradní Lhota	0,45 mg / kg

honey - suspect samples

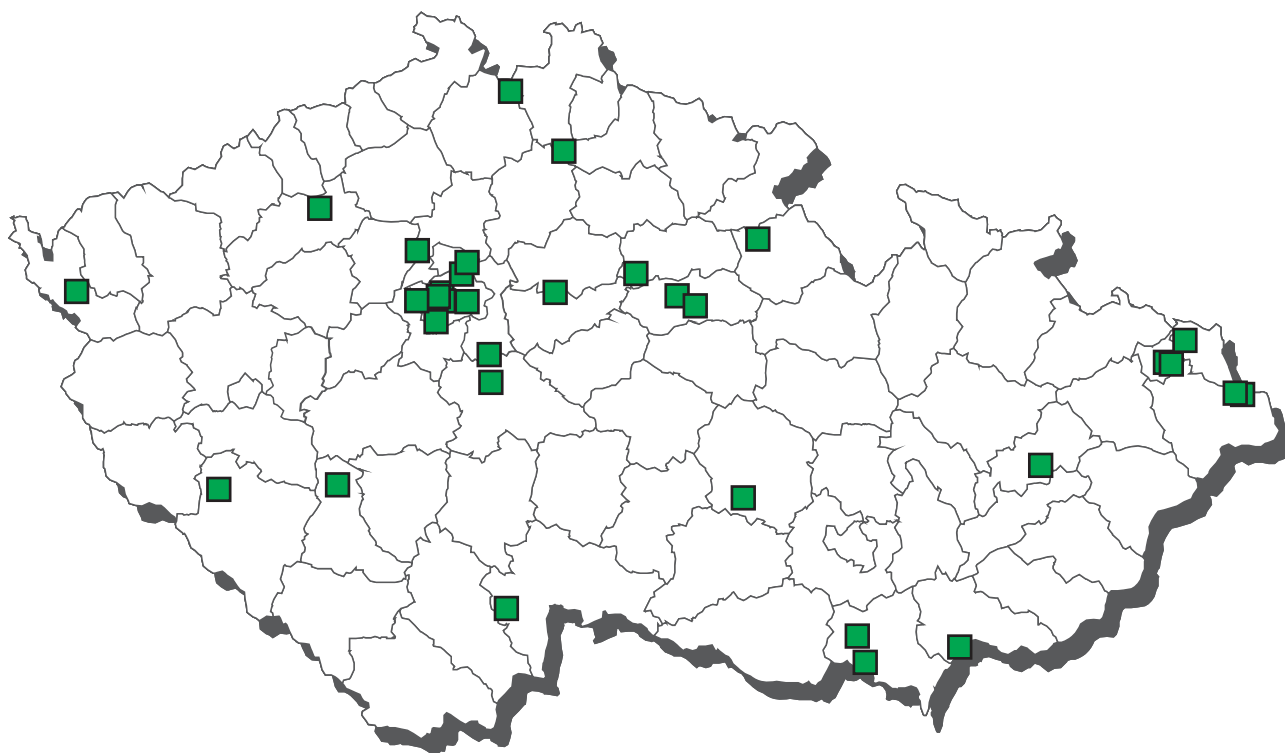
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c lead	2	2	100,0	0	0,0	0,04500	0,04500	0,04900	0,05000	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c lead	0,25 mg / kg	2	0	0	0	0	0

The average content of contaminants in honey



CL 2011 - sampling of marine fish, seafood and freshwater fish products



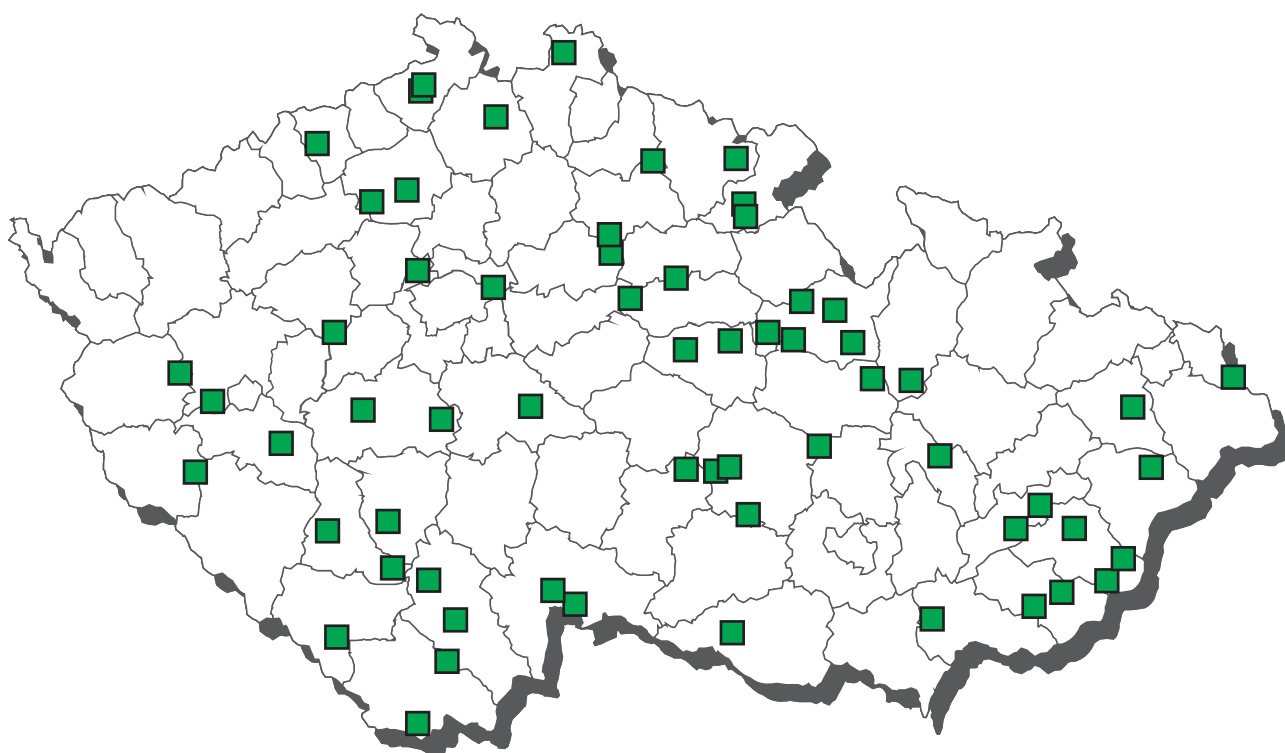
marine fish, seafood and freshwater fish products - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-, beta-HCH (sum)	14	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a alfa-, beta-HCH (sum)	9	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00200	mg / kg fat
B3a DDT (sum)	14	6	42,9	0	0,0	0,00317	n.d.	0,00439	0,02481	mg / kg
B3a DDT (sum)	9	6	66,7	0	0,0	0,06461	0,01000	0,12460	0,49900	mg / kg fat
B3a dieldrin	14	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	9	1	11,1	0	0,0	0,00244	n.d.	0,00400	0,01200	mg / kg fat
B3a endosulfan - sum	14	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	9	0	0,0	0	0,0	0,00189	n.d.	n.d.	0,00500	mg / kg fat
B3a endrin	14	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg / kg
B3a endrin	9	0	0,0	0	0,0	0,00139	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	14	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a gama-HCH (lindan)	9	0	0,0	0	0,0	0,00083	n.d.	n.d.	0,00150	mg / kg fat
B3a heptachlor	14	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	9	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	14	3	21,4	0	0,0	0,00033	n.d.	0,00067	0,00080	mg / kg
B3a hexachlorbenzen	9	2	22,2	0	0,0	0,00283	n.d.	0,00700	0,01500	mg / kg fat
B3a chlordan	14	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	9	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00500	mg / kg fat
B3a sum PCB	5	2	40,0	0	0,0	0,00202	n.d.	0,00428	0,00620	mg / kg
B3a sum PCB	18	3	16,7	0	0,0	0,00436	n.d.	0,00950	0,02400	mg / kg fat
B3a toxaphene (sum)	23	0	0,0	0	0,0	0,00075	n.d.	n.d.	0,00100	mg / kg
B3c tin	15	1	6,7	0	0,0	0,02780	n.d.	n.d.	0,29100	mg / kg
B3c cadmium	23	9	39,1	0	0,0	0,00767	n.d.	0,02800	0,03300	mg / kg
B3c methylmercury	15	10	66,7	0	0,0	0,04853	0,02300	0,11400	0,27000	mg / kg
B3c lead	23	4	17,4	0	0,0	0,00652	n.d.	0,00900	0,03100	mg / kg
B3c mercury	38	38	100,0	0	0,0	0,07005	0,03585	0,10137	0,84570	mg / kg
B3e synthetic colours (sum)	18	1	5,6	0	0,0	0,00000	n.d.	n.d.	kvalit	
B3f cesium 134	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	Bq / kg
B3f cesium 137	4	2	50,0	0	0,0	0,13000	0,13000	0,21000	0,21000	Bq / kg
B3f histamin	22	3	13,6	0	0,0	1,17273	n.d.	1,85000	12,30000	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,05 mg / kg	14	0	0	0	0	0
B3a DDT (sum)	0,5 mg / kg fat	8	0	1	0	0	0
B3a gama-HCH (lindan)	0,05 mg / kg	14	0	0	0	0	0
B3a gama-HCH (lindan)	0,5 mg / kg fat	9	0	0	0	0	0
B3a hexachlorbenzen	0,05 mg / kg	14	0	0	0	0	0
B3a hexachlorbenzen	0,5 mg / kg fat	9	0	0	0	0	0
B3a sum PCB	2 mg / kg	5	0	0	0	0	0
B3a sum PCB	2 mg / kg fat	18	0	0	0	0	0
B3a toxaphene (sum)	0,1 mg / kg	23	0	0	0	0	0
B3c cadmium	0,05 mg / kg	20	3	0	0	0	0
B3c methylmercury	0,4 mg / kg	14	1	0	0	0	0
B3c lead	0,3 mg / kg	23	0	0	0	0	0
B3c mercury	0,5 mg / kg	36	0	1	0	1*	0
B3f cesium 134	600 Bq / kg	4	0	0	0	0	0
B3f cesium 137	600 Bq / kg	4	0	0	0	0	0
B3f histamin	100 mg / kg	22	0	0	0	0	0

* compliant (made from fish species for which is used limit 1 mg/kg)

CL 2011 - sampling of calves



Calves - non-compliant results 2011



■ 17-alfa-19-nortestosterone - urine

calves - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	2	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	2	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	2	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 dapsone	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A6 dimetridazole	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 HMMNI	2	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 MNZOH	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 SEM	2	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	7	0	0,0	0	0,0	19,28571	n.d.	n.d.	25,00000	µg / kg
B1 difloxacin	7	0	0,0	0	0,0	19,28571	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	7	0	0,0	0	0,0	19,28571	n.d.	n.d.	25,00000	µg / kg
B1 flumequine	7	0	0,0	0	0,0	30,00000	n.d.	n.d.	50,00000	µg / kg
B1 gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	7	0	0,0	0	0,0	19,28571	n.d.	n.d.	25,00000	µg / kg
B1 macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	7	0	0,0	0	0,0	19,28571	n.d.	n.d.	25,00000	µg / kg
B1 residues of ihibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	7	0	0,0	0	0,0	11,78571	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.	kvalit	
B2a oxfendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2c aldicarb	5	0	0,0	0	0,0	0,00370	n.d.	n.d.	0,00500	mg / kg
B2c carbofuran	5	0	0,0	0	0,0	0,00720	n.d.	n.d.	0,01000	mg / kg
B2c cyhalothrin	5	0	0,0	0	0,0	0,00092	n.d.	n.d.	0,00150	mg / kg
B2c cypermethrin	5	0	0,0	0	0,0	0,00110	n.d.	n.d.	0,00250	mg / kg
B2c deltamethrin	5	0	0,0	0	0,0	0,00128	n.d.	n.d.	0,00250	mg / kg
B2c methiocarb	5	0	0,0	0	0,0	0,01040	n.d.	n.d.	0,01500	mg / kg
B2c methomyl	5	0	0,0	0	0,0	0,00720	n.d.	n.d.	0,01000	mg / kg
B2c permethrin	5	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00500	mg / kg
B2c propoxur	5	0	0,0	0	0,0	0,00720	n.d.	n.d.	0,01000	mg / kg
B2e carprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	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	1,25000	n.d.	n.d.	1,25000	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	1,25000	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	1,25000	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 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	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	4	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	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	0,00024	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	0,00250	n.d.	n.d.	0,00250	mg / kg fat
B3c arsenic	7	0	0,0	0	0,0	0,00286	n.d.	n.d.	0,00500	mg / kg
B3c cadmium	7	0	0,0	0	0,0	0,00229	n.d.	n.d.	0,00250	mg / kg
B3c lead	7	1	14,3	0	0,0	0,00686	n.d.	0,01020	0,01800	mg / kg
B3c mercury	7	4	57,1	0	0,0	0,00059	0,00050	0,00104	0,00140	mg / kg

calves - muscle - monitoring (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	200 µg / kg	7	0	0	0	0	0
B1 difloxacin	400 µg / kg	7	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	7	0	0	0	0	0
B1 flumequine	200 µg / kg	7	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	7	0	0	0	0	0
B1 marbofloxacin	150 µg / kg	7	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	7	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	7	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	7	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	7	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	7	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	7	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	7	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	7	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	7	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	7	0	0	0	0	0
B2a oxfendazole	50 µg / kg	2	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	5	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	5	0	0	0	0	0
B2c cyhalothrin	0,05 mg / kg	5	0	0	0	0	0
B2c cypermethrin	0,02 mg / kg	5	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	5	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	5	0	0	0	0	0
B2c methomyl	0,02 mg / kg	5	0	0	0	0	0
B2c permethrin	0,05 mg / kg	5	0	0	0	0	0
B2c propoxur	0,05 mg / kg	5	0	0	0	0	0
B2e carprofen	500 µg / kg	5	0	0	0	0	0
B2e diclofenac	5 µg / kg	5	0	0	0	0	0
B2e flunixin	20 µg / kg	5	0	0	0	0	0
B2e meloxicam	20 µg / kg	5	0	0	0	0	0
B2e tolfenamic acid	50 µg / kg	5	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	4	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	4	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	4	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	4	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	4	0	0	0	0	0
B3a endrin	0,01 mg / kg	4	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	4	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	4	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	4	0	0	0	0	0
B3a chlordan	0,05 mg / kg	4	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	4	0	0	0	0	0
B3c arsenic	0,1 mg / kg	7	0	0	0	0	0
B3c cadmium	0,05 mg / kg	7	0	0	0	0	0
B3c lead	0,1 mg / kg	7	0	0	0	0	0
B3c mercury	0,01 mg / kg	7	0	0	0	0	0

calves - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	3	0	0,0	0	0,0	0,06667	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	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	0,18333	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	3	0	0,0	0	0,0	0,13667	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	3	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	3	0	0,0	0	0,0	0,09667	n.d.	n.d.	0,10000	µg / kg
A5 isoxxsuprine	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	3	0	0,0	0	0,0	0,06667	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	3	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	3	0	0,0	0	0,0	0,36667	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	3	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	3	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B1 betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	7	0	0,0	0	0,0	11,78571	n.d.	n.d.	12,50000	µg / kg
B1 tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	2,00000	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b narasin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b nicarbazin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b robenidin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b salinomycin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B3c cadmium	7	6	85,7	0	0,0	0,01093	0,01000	0,01840	0,01900	mg / kg
B3c lead	7	3	42,9	0	0,0	0,01529	n.d.	0,02760	0,04800	mg / kg
B3c mercury	3	2	66,7	0	0,0	0,00303	0,00230	0,00550	0,00630	mg / kg

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

calves - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 chlorpromazine	5	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B1 aminoglycosides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	5	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B2d azaperol	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d azaperone	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d carazolol	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d haloperidol	5	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
B2d haloperidol - metabolite	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d propionylpromazine	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d xylazine	5	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg / kg
B3c cadmium	7	7	100,0	0	0,0	0,03386	0,04000	0,04580	0,05000	mg / kg
B3c lead	7	3	42,9	0	0,0	0,01314	n.d.	0,02160	0,02400	mg / kg
B3c mercury	3	3	100,0	0	0,0	0,00167	0,00170	0,00218	0,00230	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d carazolol	15 µg / kg	5	0	0	0	0	0
B3c cadmium	1 mg / kg	7	0	0	0	0	0
B3c lead	0,5 mg / kg	7	0	0	0	0	0
B3c mercury	0,01 mg / kg	3	0	0	0	0	0

calves - kidney fat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxypregesterone	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A3 chloromadinone acetate	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A3 medroxyprogesterone ac.	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A3 megestrol acetate	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A3 melengestrol acetate	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg

calves - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	6	0	0,0	0	0,0	0,19167	n.d.	n.d.	0,20000	µg / l
A1 diethylstilbestrol	6	0	0,0	0	0,0	0,13333	n.d.	n.d.	0,15000	µg / l
A1 hexoestrol	6	0	0,0	0	0,0	0,17500	n.d.	n.d.	0,20000	µg / l
A2 methylthiouracil	3	0	0,0	0	0,0	1,80000	n.d.	n.d.	2,00000	µg / l
A2 propylthiouracil	3	0	0,0	0	0,0	1,96667	n.d.	n.d.	2,00000	µg / l
A2 tapazole	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	2,00000	µg / l
A2 thiouracil	3	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,00000	µg / l
A3 16-beta-hydroxy-stanozolol	1	0	0,0	0	0,0	0,15500	n.d.	n.d.	0,15500	µg / l
A3 17-alfa-19-nortestosterone	6	1	16,7	1	16,7	0,77500	n.d.	1,82500	3,40000	µg / l
A3 17-beta-19-nortestosterone	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 17-beta-boldenone	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A3 dexamethasone	2	0	0,0	0	0,0	0,06500	n.d.	n.d.	0,06500	µg / l
A3 ethinylestradiol	2	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,50000	µg / l
A3 chlortestosterone	6	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 methylboldenone	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 methyltestosterone	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 norclostebol	6	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 stanazolol	1	0	0,0	0	0,0	0,22000	n.d.	n.d.	0,22000	µg / l
A3 trenbolone	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 triamcinolone	2	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,07000	µg / l
A4 taleranol	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / l
A4 zearalanon	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / l
A4 zeranol	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / l
A5 brombuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 cimaterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 cimbuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 clenbuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 clenpenterol	4	0	0,0	0	0,0	0,13000	n.d.	n.d.	0,15000	µg / l
A5 clenproperol	4	0	0,0	0	0,0	0,14125	n.d.	n.d.	0,15000	µg / l
A5 fenoterol	4	0	0,0	0	0,0	0,24000	n.d.	n.d.	0,24000	µg / l
A5 hydroxymethylclenbuterol	4	0	0,0	0	0,0	0,08500	n.d.	n.d.	0,08500	µg / l
A5 chlorbrombuterol	4	0	0,0	0	0,0	0,08750	n.d.	n.d.	0,10000	µg / l
A5 isoxsuprine	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 mabuterol	4	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,10000	µg / l
A5 mapenterol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / l
A5 orciprenalin (metaprotenerol)	4	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg / l
A5 ractopamin	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 ritodrin	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 salbutamol	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A5 salmeterol	4	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / l
A5 terbutalin	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 tulobuterol	4	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,10000	µg / l
A5 zilpaterol	4	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A6 chloramphenikol	5	0	0,0	0	0,0	0,11000	n.d.	n.d.	0,15000	µg / l

calves - urine - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
17-alfa-19-nortestosterone			
02.02.2011	Albeř	Nové Sady u Písečného	3,4 µg / l

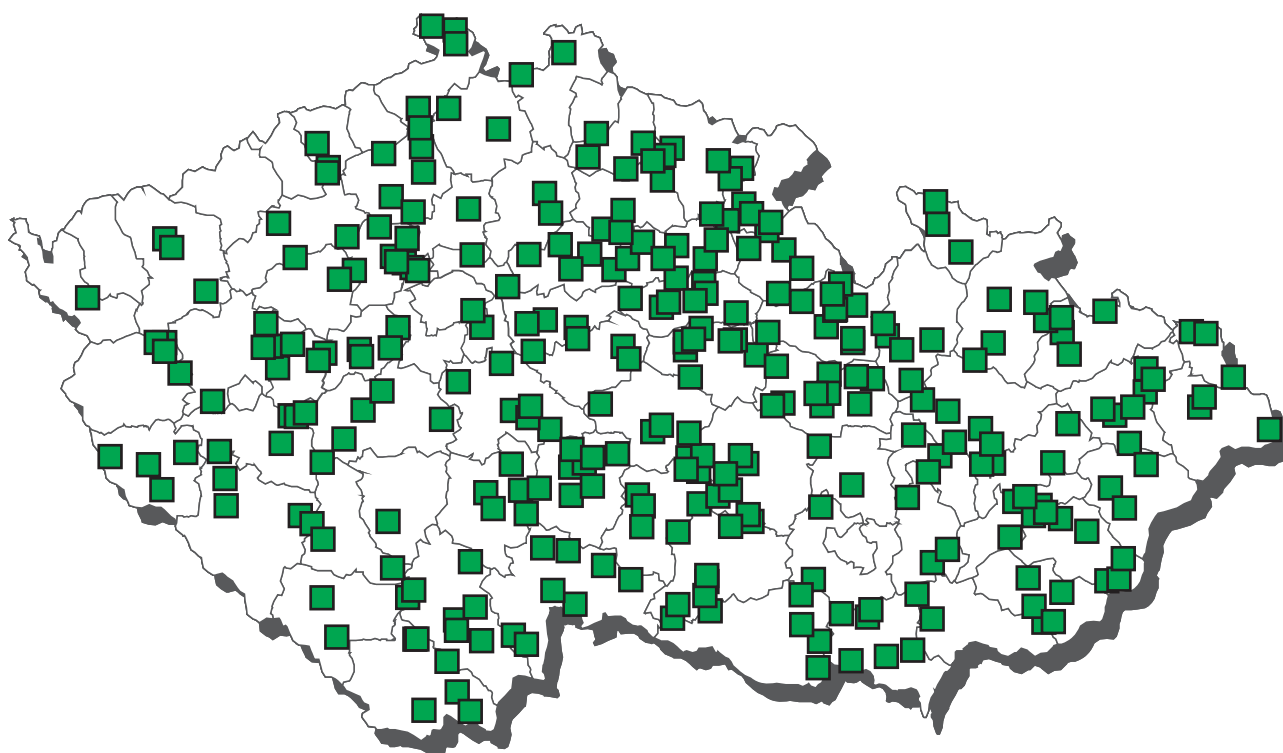
calves - urine - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-19-nortestosterone	5	1	20,0	0	0,0	0,10000	n.d.	0,30000	0,50000	µg / l
A3 17-beta-19-nortestosterone	5	1	20,0	0	0,0	0,20000	n.d.	0,25000	0,25000	µg / l

calves - serum - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 dimetridazole	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg / l
A6 HMMNI	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6 metronidazole a MNZOH	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6 MNZOH	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg / l
A6 ronidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l

CL 2011 - sampling of young bovine



Young bovine - non-compliant results 2011



 chloramfenikol - urine

young bovine animals - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-19-nortestosterone	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A3	17-beta-19-nortestosterone	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A6	AHD	10	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6	AMAZ	10	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6	AOZ	10	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6	dapsone	2	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	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	HMMNI	10	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6	chloramphenicol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6	metronidazole a MNZOH	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	MNZOH	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6	ronidazole	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	SEM	10	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1	betalactams	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	100	0	0,0	0	0,0	18,40000	n.d.	n.d.	25,00000	µg / kg
B1	difloxacin	100	0	0,0	0	0,0	18,40000	n.d.	n.d.	25,00000	µg / kg
B1	enrofloxacin	100	0	0,0	0	0,0	18,40000	n.d.	n.d.	25,00000	µg / kg
B1	flumequine	100	0	0,0	0	0,0	30,65000	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin, neomycin	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	100	0	0,0	0	0,0	15,80000	n.d.	n.d.	25,00000	µg / kg
B1	macrolides	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	marbofloxacin	100	0	0,0	0	0,0	18,40000	n.d.	n.d.	25,00000	µg / kg
B1	residues of ihibitory substances	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	100	0	0,0	0	0,0	11,67500	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	100	1	1,0	0	0,0	15,33300	n.d.	n.d.	48,30000	µg / kg
B1	sulfadimethoxine	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	100	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a	albendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	fenbendazole	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	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	mebendazole	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	oxfendazole	8	0	0,0	0	0,0	16,09375	n.d.	n.d.	25,00000	µg / kg
B2a	rafoxanid	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	thiabendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	triclabendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2c	aldicarb	15	0	0,0	0	0,0	0,00247	n.d.	n.d.	0,00500	mg / kg
B2c	carbofuran	15	0	0,0	0	0,0	0,00447	n.d.	n.d.	0,01000	mg / kg
B2c	cyhalothrin	15	0	0,0	0	0,0	0,00123	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	15	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	15	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg / kg
B2c	methiocarb	15	0	0,0	0	0,0	0,00627	n.d.	n.d.	0,01500	mg / kg
B2c	methomyl	15	0	0,0	0	0,0	0,00447	n.d.	n.d.	0,01000	mg / kg
B2c	permethrin	15	0	0,0	0	0,0	0,00357	n.d.	n.d.	0,00500	mg / kg
B2c	propoxur	15	0	0,0	0	0,0	0,00447	n.d.	n.d.	0,01000	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	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	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	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	alfa-HCH	29	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a	beta-HCH	29	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	DDT (sum)	29	9	31,0	0	0,0	0,00062	n.d.	0,00124	0,00211	mg / kg
B3a	dieldrin	29	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	endosulfan - sum	29	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a	endrin	29	1	3,4	0	0,0	0,00014	n.d.	n.d.	0,00120	mg / kg
B3a	gama-HCH (lindan)	29	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	heptachlor	29	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	hexachlorbenzen	29	2	6,9	0	0,0	0,00027	n.d.	n.d.	0,00060	mg / kg
B3a	chlordan	29	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg

young bovine animals - muscle - monitoring (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	35	11	31,4	0	0,0	0,01317	n.d.	0,03520	0,12800	mg / kg fat
B3a WHO-PCDD/F-PCB-TEQ	6	6	100,0	0	0,0	1,99217	1,01000	4,11000	5,81000	pg / g fat
B3a WHO-PCDD/F-TEQ	6	6	100,0	0	0,0	0,84133	0,82200	0,98000	1,11000	pg / g fat
B3c arsenic	16	2	12,5	0	0,0	0,00419	n.d.	0,00500	0,01200	mg / kg
B3c cadmium	16	0	0,0	0	0,0	0,00194	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	0,00063	n.d.	0,00090	0,00170	mg / kg
B3f 2,2',3,4,4',5',6-HeptaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f cesium 134	14	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	Bq / kg
B3f cesium 137	14	9	64,3	0	0,0	0,15286	0,20000	0,23700	0,25000	Bq / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	200 µg / kg	100	0	0	0	0	0
B1 difloxacin	400 µg / kg	100	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	100	0	0	0	0	0
B1 flumequine	200 µg / kg	100	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	100	0	0	0	0	0
B1 marbofloxacin	150 µg / kg	100	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	100	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	100	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	100	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	100	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	100	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	100	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	100	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	100	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	100	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	100	0	0	0	0	0
B2a albendazole	100 µg / kg	3	0	0	0	0	0
B2a fenbendazole	50 µg / kg	3	0	0	0	0	0
B2a levamisole	10 µg / kg	3	0	0	0	0	0
B2a oxfendazole	50 µg / kg	8	0	0	0	0	0
B2a rafoxanid	30 µg / kg	3	0	0	0	0	0
B2a thiabendazole	100 µg / kg	3	0	0	0	0	0
B2a triclabendazole	225 µg / kg	3	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	15	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	15	0	0	0	0	0
B2c cyhalothrin	0,05 mg / kg	15	0	0	0	0	0
B2c cypermethrin	0,02 mg / kg	15	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	15	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	15	0	0	0	0	0
B2c methomyl	0,02 mg / kg	15	0	0	0	0	0
B2c permethrin	0,05 mg / kg	15	0	0	0	0	0
B2c propoxur	0,05 mg / kg	15	0	0	0	0	0
B2e carprofen	500 µg / kg	13	0	0	0	0	0
B2e diclofenac	5 µg / kg	13	0	0	0	0	0
B2e flunixin	20 µg / kg	13	0	0	0	0	0
B2e meloxicam	20 µg / kg	13	0	0	0	0	0
B2e tolfenamic acid	50 µg / kg	13	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	29	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	29	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	29	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	29	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	29	0	0	0	0	0
B3a endrin	0,01 mg / kg	29	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	29	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	29	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	29	0	0	0	0	0
B3a chlordan	0,05 mg / kg	29	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	34	1	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	4,5 pg WHO-PCDD/F-TEQ/g fat	4	1	0	1*	0	0
B3a WHO-PCDD/F-TEQ	3 pg WHO-PCDD/F-TEQ/g fat	6	0	0	0	0	0
B3c arsenic	0,1 mg / kg	16	0	0	0	0	0
B3c cadmium	0,05 mg / kg	16	0	0	0	0	0
B3c lead	0,1 mg / kg	16	0	0	0	0	0
B3c mercury	0,01 mg / kg	16	0	0	0	0	0
B3f cesium 134	600 Bq / kg	14	0	0	0	0	0
B3f cesium 137	600 Bq / kg	5	9	0	0	0	0

* compliant (within expanded uncertainty of measurement)

young bovine animals - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c mercury	1	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%
B3c mercury	0,01 mg / kg	1	0	0	0	0	0

young bovine animals - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	24	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	24	0	0,0	0	0,0	0,08417	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	24	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	24	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 clenpenterol	24	0	0,0	0	0,0	0,19167	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	24	0	0,0	0	0,0	0,14333	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	24	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	24	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	24	0	0,0	0	0,0	0,09833	n.d.	n.d.	0,10000	µg / kg
A5 isoxsuprine	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	24	0	0,0	0	0,0	0,08458	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	24	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	24	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	24	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	24	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	24	0	0,0	0	0,0	0,38458	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	24	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	24	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	24	0	0,0	0	0,0	0,14792	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	24	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B1 betalactams	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	100	1	1,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of inhibitory substances	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	99	0	0,0	0	0,0	11,69192	n.d.	n.d.	12,50000	µg / kg
B1 streptomycines	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tetracyclines	100	1	1,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	1,40000	n.d.	n.d.	2,50000	µg / kg
B2b lasalocid	15	0	0,0	0	0,0	1,70000	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	15	0	0,0	0	0,0	1,40000	n.d.	n.d.	2,50000	µg / kg
B2b narasin	15	0	0,0	0	0,0	1,40000	n.d.	n.d.	2,50000	µg / kg
B2b nicarbazin	15	0	0,0	0	0,0	1,40000	n.d.	n.d.	2,50000	µg / kg
B2b robenidin	15	0	0,0	0	0,0	1,40000	n.d.	n.d.	2,50000	µg / kg
B2b salinomycin	15	0	0,0	0	0,0	1,40000	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	15	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00200	mg / kg
B3b phorate	15	0	0,0	0	0,0	0,00203	n.d.	n.d.	0,00250	mg / kg
B3b pyrimiphosmethyl	15	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00200	mg / kg
B3c cadmium	16	15	93,8	0	0,0	0,05291	0,04350	0,08500	0,10800	mg / kg
B3c lead	16	9	56,3	0	0,0	0,02125	0,01650	0,04000	0,05500	mg / kg
B3c mercury	13	13	100,0	0	0,0	0,00490	0,00430	0,00880	0,00950	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	0,08200	n.d.	n.d.	0,10000	µg / kg

young bovine animals - liver - monitoring (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a abamectin	20 µg / kg	12	0	0	0	0	0
B2a doramectin	100 µg / kg	12	0	0	0	0	0
B2a eprinomectin	1500 µg / kg	12	0	0	0	0	0
B2a ivermectin	100 µg / kg	12	0	0	0	0	0
B2a moxidectin	100 µg / kg	12	0	0	0	0	0
B2b halofuginone	30 µg / kg	15	0	0	0	0	0
B2b lasalocid	50 µg / kg	15	0	0	0	0	0
B2b maduramicin	2 µg / kg	15	0	0	0	0	0
B2b monensin	30 µg / kg	15	0	0	0	0	0
B2b narasin	50 µg / kg	15	0	0	0	0	0
B2b nicarbazin	100 µg / kg	15	0	0	0	0	0
B2b robenidin	50 µg / kg	15	0	0	0	0	0
B2b salinomycin	5 µg / kg	15	0	0	0	0	0
B2b semduramicin	2 µg / kg	15	0	0	0	0	0
B3b diazinone	0,05 mg / kg	15	0	0	0	0	0
B3b phorate	0,05 mg / kg	15	0	0	0	0	0
B3b pyrimiphosmethyl	0,05 mg / kg	15	0	0	0	0	0
B3c cadmium	0,5 mg / kg	16	0	0	0	0	0
B3c lead	0,5 mg / kg	16	0	0	0	0	0
B3c mercury	0,01 mg / kg	7	2	4	0	0	0
B3d aflatoxin B2	20 µg / kg	15	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	15	0	0	0	0	0

young bovine animals - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 chlorpromazine	22	0	0,0	0	0,0	4,31818	n.d.	n.d.	4,50000	µg / kg
B1 aminoglycosides	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	100	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	22	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B2d azaperol	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d azaperone	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d carazolol	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d haloperidol	22	0	0,0	0	0,0	3,54545	n.d.	n.d.	5,00000	µg / kg
B2d haloperidol - metabolite	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d propionylpromazine	22	0	0,0	0	0,0	3,97727	n.d.	n.d.	5,00000	µg / kg
B2d xylazine	22	0	0,0	0	0,0	2,81818	n.d.	n.d.	5,00000	µg / kg
B3c cadmium	16	16	100,0	0	0,0	0,20300	0,20350	0,34950	0,40700	mg / kg
B3c lead	16	13	81,3	0	0,0	0,04513	0,04900	0,08050	0,10000	mg / kg
B3c mercury	13	13	100,0	0	0,0	0,00745	0,00600	0,01164	0,01900	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d carazolol	15 µg / kg	22	0	0	0	0	0
B3c cadmium	1 mg / kg	16	0	0	0	0	0
B3c lead	0,5 mg / kg	16	0	0	0	0	0
B3c mercury	0,01 mg / kg	3	5	2	3*	0	0

* compliant (within expanded uncertainty of measurement)

young bovine animals - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	1	1	100,0	0	0,0	0,26500	0,26500	0,26500	0,26500	mg / kg
B3c lead	1	1	100,0	0	0,0	0,36000	0,36000	0,36000	0,36000	mg / kg
B3c mercury	1	1	100,0	0	0,0	0,01400	0,01400	0,01400	0,01400	mg / kg

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

* compliant (within expanded uncertainty of measurement)

young bovine animals - kidney fat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxypregesterone	14	0	0,0	0	0,0	0,41071	n.d.	n.d.	0,50000	µg / kg
A3 altrenogest	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A3 chloromadinone acetate	14	0	0,0	0	0,0	0,73214	n.d.	n.d.	1,00000	µg / kg
A3 medroxyprogesterone ac.	14	0	0,0	0	0,0	0,41071	n.d.	n.d.	0,50000	µg / kg
A3 megesterol acetate	14	0	0,0	0	0,0	0,73214	n.d.	n.d.	1,00000	µg / kg
A3 melengesterol acetate	14	0	0,0	0	0,0	0,41071	n.d.	n.d.	0,50000	µg / kg

young bovine animals - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	40	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A1 diethylstilbestrol	40	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A1 hexoestrol	40	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A2 methylthiouracil	26	0	0,0	0	0,0	1,96538	n.d.	n.d.	2,00000	µg / l
A2 propylthiouracil	26	0	0,0	0	0,0	1,99423	n.d.	n.d.	2,00000	µg / l
A2 tapazole	26	0	0,0	0	0,0	1,98269	n.d.	n.d.	2,00000	µg / l
A2 thiouracil	26	0	0,0	0	0,0	1,93077	n.d.	n.d.	2,00000	µg / l
A3 16-beta-hydroxy-stanozolol	6	0	0,0	0	0,0	0,15500	n.d.	n.d.	0,15500	µg / l
A3 17-alfa-19-nortestosterone	26	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 17-beta-19-nortestosterone	26	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 17-beta-boldenone	26	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A3 dexamethasone	11	0	0,0	0	0,0	0,06500	n.d.	n.d.	0,06500	µg / l
A3 ethinylestradiol	12	0	0,0	0	0,0	0,43750	n.d.	n.d.	0,50000	µg / l
A3 chlortestosterone	26	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 methylboldenone	26	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 methyltestosterone	26	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 norclostebol	26	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 stanazolol	6	0	0,0	0	0,0	0,22000	n.d.	n.d.	0,22000	µg / l
A3 trenbolone	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 triamcinolone	11	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,07000	µg / l
A4 taleranol	48	0	0,0	0	0,0	0,96250	n.d.	n.d.	1,00000	µg / l
A4 zearalanon	48	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / l
A4 zeranol	48	0	0,0	0	0,0	0,96250	n.d.	n.d.	1,00000	µg / l
A5 brombuterol	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 cimaterol	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 cimbuterol	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 clenbuterol	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 clenpenterol	29	0	0,0	0	0,0	0,12655	n.d.	n.d.	0,15000	µg / l
A5 clenproperol	30	0	0,0	0	0,0	0,12900	n.d.	n.d.	0,15000	µg / l
A5 fenoterol	30	0	0,0	0	0,0	0,24000	n.d.	n.d.	0,24000	µg / l
A5 hydroxymethylclenbuterol	30	0	0,0	0	0,0	0,08500	n.d.	n.d.	0,08500	µg / l
A5 chlorbrombuterol	30	0	0,0	0	0,0	0,08500	n.d.	n.d.	0,10000	µg / l
A5 isoxsuprine	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 mabuterol	30	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,10000	µg / l
A5 mapenterol	30	0	0,0	0	0,0	0,05133	n.d.	n.d.	0,07000	µg / l
A5 orciprenaline (metaprotenerol)	30	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg / l
A5 ractopamin	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 ritodrin	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 salbutamol	30	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A5 salmeterol	30	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / l
A5 terbutalin	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 tulobuterol	30	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,10000	µg / l
A5 zilpaterol	30	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A6 chloramphenikol	51	1	2,0	1	2,0	0,58824	n.d.	n.d.	26,00000	µg / l

young bovine animals - urine - monitoring- list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
chloramphenikol			
21.10.2011	Zátor	Zátor	26 µg / l

young bovine animals - urine - suspect samples

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	chloramphenikol	10	5	50,0	5	50,0	3,73250	0,26250	5,62000	31,00000	µg / l

young bovine animals - urine - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
chloramphenikol			
23.11.2011	Zátor	Zátor	1,9 µg / l
23.11.2011	Zátor	Zátor	1 µg / l
23.11.2011	Zátor	Zátor	0,5 µg / l
23.11.2011	Zátor	Zátor	31 µg / l
23.11.2011	Zátor	Zátor	2,8 µg / l

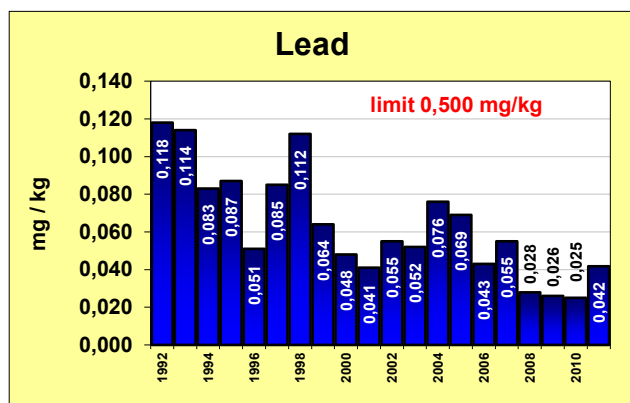
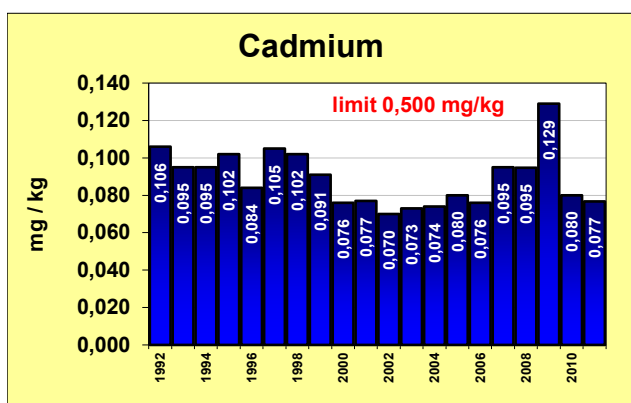
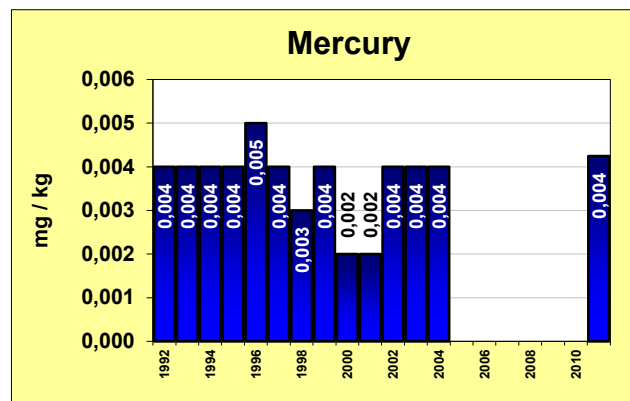
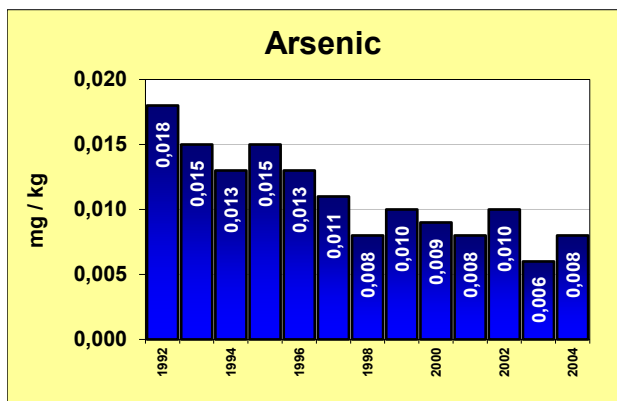
young bovine animals - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-estradiol	27	0	0,0	0	0,0	0,02000	n.d.	n.d.	0,02000	µg / l
A3	17-beta-testosterone	26	14*	53,8	0	0,0	1,90885	0,46500	5,85000	12,00000	µg / l
A6	dimetridazole	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg / l
A6	HMMNI	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6	metronidazole a MNZOH	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6	MNZOH	1	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg / l
A6	ronidazole	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l

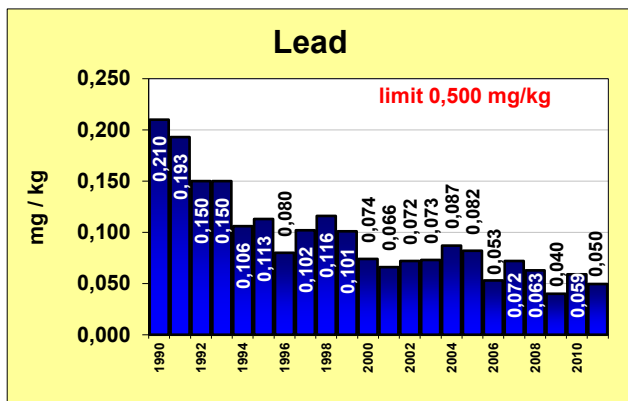
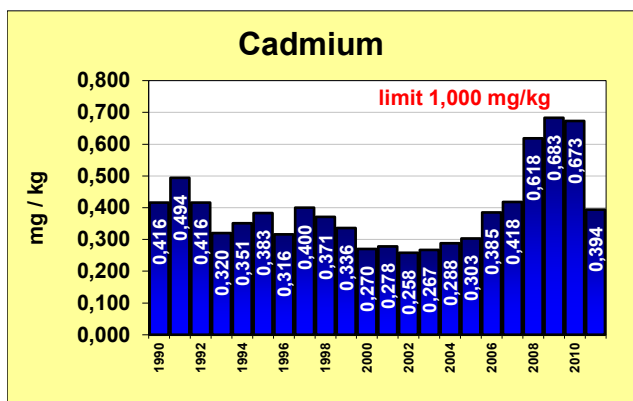
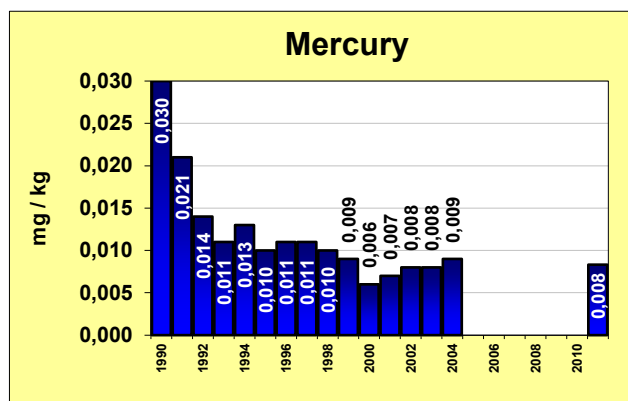
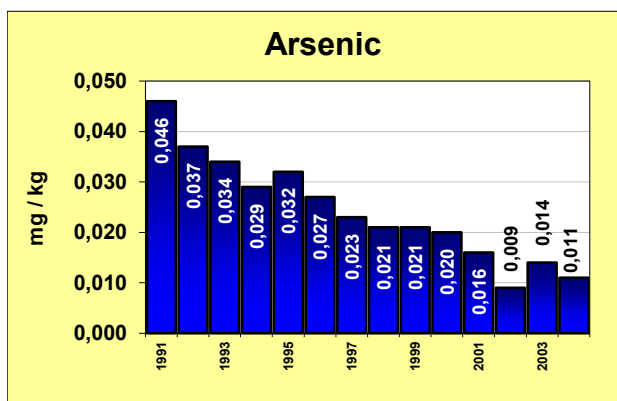
* 14 positive samples are compliant - limit for bull 30 µg/l

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A3	17-beta-estradiol	0,04 µg / l	0	27	0	0	0	0

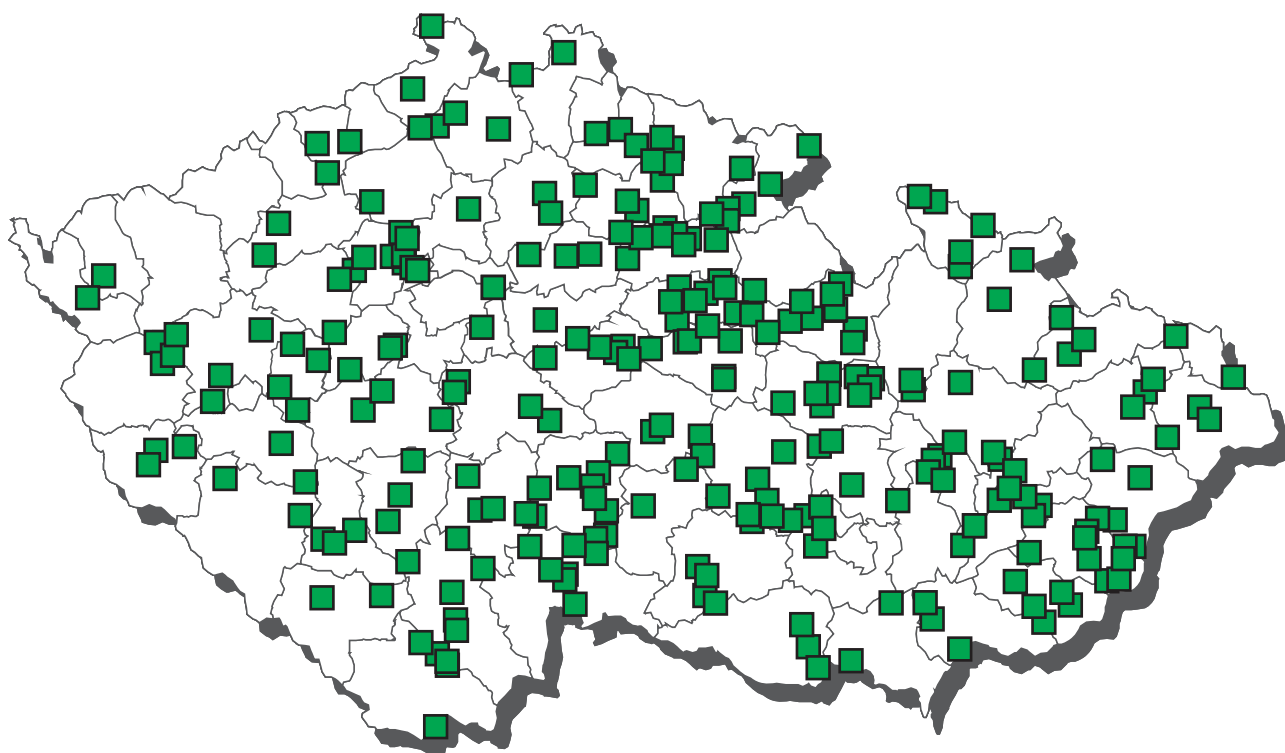
The average content of contaminants in the liver of bovine



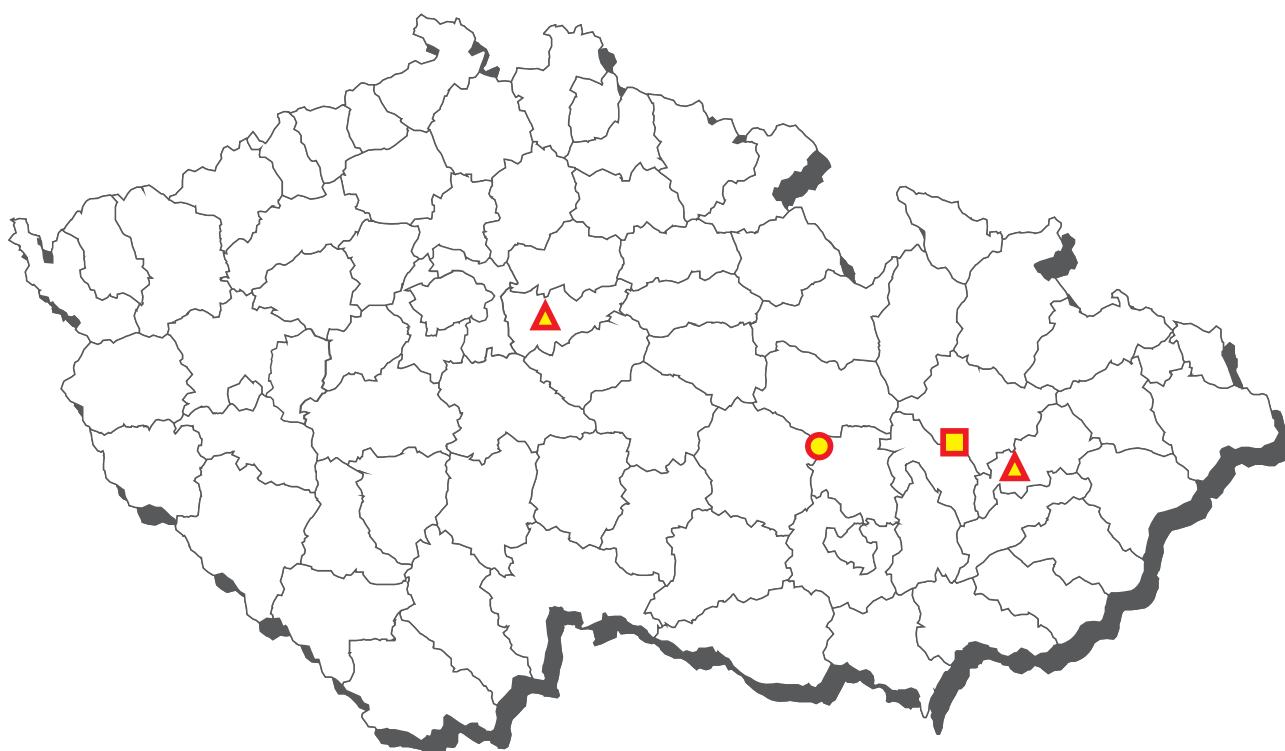
The average content of contaminants in the kidneys of bovine



CL 2011 - sampling of cows



Cows - non-compliant results 2011



■ benzylpenicilin - kidney ● cadmium - kidney ▲ mercury - kidney

cows - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-19-nortestosterone	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A3	17-beta-19-nortestosterone	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A6	AHD	12	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6	AMAZ	12	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6	AOZ	12	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6	dapsone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A6	dimetridazole	12	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	HMMNI	12	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6	chloramphenikol	24	0	0,0	0	0,0	0,04896	n.d.	n.d.	0,05000	µg / kg
A6	metronidazole a MNZOH	12	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	MNZOH	12	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6	ronidazole	12	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	SEM	12	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	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	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	Cefalexin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefalonium	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefazolin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefoperazon	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefquinom	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	ceftiofur	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cephapirin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cloxacilin	1	0	0,0	0	0,0	3,45000	n.d.	n.d.	3,45000	µg / kg
B1	danofloxacin	70	0	0,0	0	0,0	19,00000	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	70	0	0,0	0	0,0	19,00000	n.d.	n.d.	25,00000	µg / kg
B1	dihydrostreptomycin	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	enrofloxacin	70	0	0,0	0	0,0	19,00000	n.d.	n.d.	25,00000	µg / kg
B1	flumequine	70	0	0,0	0	0,0	30,42857	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	gentamycin, neomycin	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	70	0	0,0	0	0,0	5,28571	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	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	marbofloxacin	70	0	0,0	0	0,0	19,00000	n.d.	n.d.	25,00000	µg / kg
B1	nafcilin	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	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	penicilin V	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	residues of ihibitory substances	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	streptomycin	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	streptomycines	70	0	0,0	0	0,0	11,75000	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	70	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a	albendazole	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	fenbendazole	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	levamisole	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	mebendazole	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	oxfendazole	9	0	0,0	0	0,0	7,77778	n.d.	n.d.	25,00000	µg / kg
B2a	rafoxanid	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	thiabendazole	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	triclabendazole	4	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	0,00290	n.d.	n.d.	0,00500	mg / kg
B2c	carbofuran	15	0	0,0	0	0,0	0,00540	n.d.	n.d.	0,01000	mg / kg
B2c	cyhalothrin	15	0	0,0	0	0,0	0,00120	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	15	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	15	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00250	mg / kg
B2c	methiocarb	15	0	0,0	0	0,0	0,00780	n.d.	n.d.	0,01500	mg / kg
B2c	methomyl	15	0	0,0	0	0,0	0,00540	n.d.	n.d.	0,01000	mg / kg
B2c	permethrin	15	0	0,0	0	0,0	0,00320	n.d.	n.d.	0,00500	mg / kg
B2c	propoxur	15	0	0,0	0	0,0	0,00540	n.d.	n.d.	0,01000	mg / kg
B2e	carprofen	12	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg / kg

cows - muscle - monitoring (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e diclofenac	12	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg / kg
B2e flunixin	12	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg / kg
B2e ibuprofen	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e mefenamic acid	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e meloxicam	12	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg / kg
B2e oxyphenbutazone	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e phenylbutazone	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e tolfenamic acid	12	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg / kg
B2e vedaprofen	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a alfa-HCH	20	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	20	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	20	5	25,0	0	0,0	0,00071	n.d.	0,00162	0,00330	mg / kg
B3a dieldrin	20	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	20	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a endrin	20	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00015	mg / kg
B3a gama-HCH (lindan)	20	1	5,0	0	0,0	0,00031	n.d.	n.d.	0,00080	mg / kg
B3a heptachlor	20	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	20	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	20	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	20	5	25,0	0	0,0	0,01603	n.d.	0,03750	0,15800	mg / kg fat
B3c arsenic	24	7	29,2	0	0,0	0,00704	n.d.	0,00910	0,06000	mg / kg
B3c cadmium	24	3	12,5	0	0,0	0,00227	n.d.	0,00250	0,00600	mg / kg
B3c lead	24	3	12,5	0	0,0	0,00600	n.d.	0,00850	0,01500	mg / kg
B3c mercury	24	15	62,5	0	0,0	0,00114	0,00080	0,00220	0,00460	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 amoxicilin	50 µg / kg	1	0	0	0	0	0
B1 ampicilin	50 µg / kg	1	0	0	0	0	0
B1 benzylpenicilin	50 µg / kg	1	0	0	0	0	0
B1 Cefalexin	200 µg / kg	1	0	0	0	0	0
B1 cefquinom	50 µg / kg	1	0	0	0	0	0
B1 ceftiofur	1000 µg / kg	1	0	0	0	0	0
B1 cephapirin	50 µg / kg	1	0	0	0	0	0
B1 cloxacilin	300 µg / kg	1	0	0	0	0	0
B1 danofloxacin	200 µg / kg	70	0	0	0	0	0
B1 dicloxacilin	300 µg / kg	1	0	0	0	0	0
B1 difloxacin	400 µg / kg	70	0	0	0	0	0
B1 dihydrostreptomycin	500 µg / kg	1	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	70	0	0	0	0	0
B1 flumequine	200 µg / kg	70	0	0	0	0	0
B1 gentamycin	50 µg / kg	1	0	0	0	0	0
B1 lincomycin	100 µg / kg	1	0	0	0	0	0
B1 marbofloxacin	150 µg / kg	70	0	0	0	0	0
B1 neomycin (incl. framycetin)	500 µg / kg	1	0	0	0	0	0
B1 oxacilin	300 µg / kg	1	0	0	0	0	0
B1 spectinomycin	300 µg / kg	1	0	0	0	0	0
B1 streptomycin	500 µg / kg	1	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	70	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	70	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	70	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	70	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	70	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	70	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	70	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	70	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	70	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	70	0	0	0	0	0
B2a albendazole	100 µg / kg	4	0	0	0	0	0
B2a fenbendazole	50 µg / kg	4	0	0	0	0	0
B2a oxfendazole	50 µg / kg	9	0	0	0	0	0
B2a thiabendazole	100 µg / kg	4	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	9	6	0	0	0	0
B2c carbofuran	0,1 mg / kg	15	0	0	0	0	0
B2c cyhalothrin	0,05 mg / kg	15	0	0	0	0	0
B2c cypermethrin	0,02 mg / kg	15	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	15	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	15	0	0	0	0	0
B2c methomyl	0,02 mg / kg	15	0	0	0	0	0
B2c permethrin	0,05 mg / kg	15	0	0	0	0	0
B2c propoxur	0,05 mg / kg	15	0	0	0	0	0
B2e carprofen	500 µg / kg	12	0	0	0	0	0
B2e diclofenac	5 µg / kg	12	0	0	0	0	0
B2e flunixin	20 µg / kg	12	0	0	0	0	0
B2e meloxicam	20 µg / kg	12	0	0	0	0	0
B2e tolfenamic acid	50 µg / kg	12	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 alfa-HCH	0,02 mg / kg	20	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	20	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	20	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	20	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	20	0	0	0	0	0
B3a endrin	0,01 mg / kg	20	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	20	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	20	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	20	0	0	0	0	0
B3a chlordan	0,05 mg / kg	20	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	19	0	1	0	0	0
B3c arsenic	0,1 mg / kg	23	1	0	0	0	0
B3c cadmium	0,05 mg / kg	24	0	0	0	0	0
B3c lead	0,1 mg / kg	24	0	0	0	0	0
B3c mercury	0,01 mg / kg	24	0	0	0	0	0

cows - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	23	0	0,0	0	0,0	0,08130	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	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	0,19022	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	23	0	0,0	0	0,0	0,14217	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	23	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	23	0	0,0	0	0,0	0,09804	n.d.	n.d.	0,10000	µg / kg
A5 isoxsuprine	23	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	23	0	0,0	0	0,0	0,08174	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	23	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	23	0	0,0	0	0,0	0,38174	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	23	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	23	0	0,0	0	0,0	0,14783	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	23	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	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	1	100,0	0	0,0	20,00000	20,00000	20,00000	20,00000	µg / kg
B1 betalactams	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 Cefalexin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 Cefalonium	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 cefazolin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 Cefoperazon	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 cefquinom	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 ceftiofur	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 cephapirin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 cloxacilin	1	0	0,0	0	0,0	3,45000	n.d.	n.d.	3,45000	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	50,00000	n.d.	n.d.	50,00000	µg / kg
B1 gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 gentamycin, neomycin	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1 nafcilin	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	50,00000	n.d.	n.d.	50,00000	µg / kg
B1 oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1 penicilin V	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1 residues of ihibitory substances	70	1	1,4	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1 streptomycin	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1 streptomycines	70	0	0,0	0	0,0	11,75000	n.d.	n.d.	12,50000	µg / kg
B1 tetracyclines	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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

cows - liver - monitoring (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b decoquinat	12	0	0,0	0	0,0	1,50000	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	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b lasalocid	12	0	0,0	0	0,0	2,12500	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	12	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b narasin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b nicarbazin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b robenidin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b salinomycin	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg / kg
B2b semduramicin	12	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B3b diazinone	13	0	0,0	0	0,0	0,00169	n.d.	n.d.	0,00200	mg / kg
B3b phorate	13	0	0,0	0	0,0	0,00204	n.d.	n.d.	0,00250	mg / kg
B3b pyrimiphosmethyl	13	0	0,0	0	0,0	0,00169	n.d.	n.d.	0,00200	mg / kg
B3c cadmium	24	24	100,0	0	0,0	0,11158	0,10900	0,18410	0,26400	mg / kg
B3c lead	24	19	79,2	0	0,0	0,05729	0,02000	0,05430	0,59000	mg / kg
B3c mercury	17	17	100,0	0	0,0	0,00393	0,00340	0,00690	0,00900	mg / kg
B3d aflatoxin B2	13	0	0,0	0	0,0	0,05769	n.d.	n.d.	0,07500	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	13	0	0,0	0	0,0	0,08308	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 amoxicilin	50 µg / kg	1	0	0	0	0	0
B1 ampicilin	50 µg / kg	1	0	0	0	0	0
B1 benzylpenicilin	50 µg / kg	1	0	0	0	0	0
B1 Cefalexin	200 µg / kg	1	0	0	0	0	0
B1 cefquinom	100 µg / kg	1	0	0	0	0	0
B1 ceftiofur	2000 µg / kg	1	0	0	0	0	0
B1 cloxacilin	300 µg / kg	1	0	0	0	0	0
B1 dicloxacilin	300 µg / kg	1	0	0	0	0	0
B1 dihydrostreptomycin	500 µg / kg	1	0	0	0	0	0
B1 gentamycin	200 µg / kg	1	0	0	0	0	0
B1 lincomycin	500 µg / kg	1	0	0	0	0	0
B1 neomycin (incl. framycetin)	500 µg / kg	1	0	0	0	0	0
B1 oxacilin	300 µg / kg	1	0	0	0	0	0
B1 spectinomycin	1000 µg / kg	1	0	0	0	0	0
B1 streptomycin	500 µg / kg	1	0	0	0	0	0
B2a abamectin	20 µg / kg	6	0	0	0	0	0
B2a eprinomectin	1500 µg / kg	6	0	0	0	0	0
B2a moxidectin	100 µg / kg	6	0	0	0	0	0
B2b decoquinat	20 µg / kg	12	0	0	0	0	0
B2b halofuginone	30 µg / kg	12	0	0	0	0	0
B2b lasalocid	50 µg / kg	12	0	0	0	0	0
B2b maduramicin	2 µg / kg	12	0	0	0	0	0
B2b monensin	30 µg / kg	12	0	0	0	0	0
B2b narasin	50 µg / kg	12	0	0	0	0	0
B2b nicarbazin	100 µg / kg	12	0	0	0	0	0
B2b robenidin	50 µg / kg	12	0	0	0	0	0
B2b salinomycin	5 µg / kg	12	0	0	0	0	0
B2b semduramicin	2 µg / kg	12	0	0	0	0	0
B3b diazinone	0,05 mg / kg	13	0	0	0	0	0
B3b phorate	0,05 mg / kg	13	0	0	0	0	0
B3b pyrimiphosmethyl	0,05 mg / kg	13	0	0	0	0	0
B3c cadmium	0,5 mg / kg	23	1	0	0	0	0
B3c lead	0,5 mg / kg	22	1	0	1*	0	0
B3c mercury	0,01 mg / kg	12	3	2	0	0	0
B3d aflatoxin B2	20 µg / kg	13	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	13	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

cows - kidney - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	chlorpromazine	18	0	0,0	0	0,0	4,27778	n.d.	n.d.	4,50000	µg / kg
B1	aminoglycosides	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	84,00000	84,00000	84,00000	84,00000	µg / kg
B1	betalactams	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	Cefalexin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefalonium	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefazolin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefoperazon	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefquinom	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	ceftiofur	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cephapirin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cloxacilin	1	0	0,0	0	0,0	3,45000	n.d.	n.d.	3,45000	µg / kg
B1	dicloxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	dihydrostreptomycin	1	1	100,0	0	0,0	846,00	846,00	846,00	846,00	µg / kg
B1	gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	nafcilin	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	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	oxacilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	penicilin V	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	residues of ihibitory substances	70	1	1,4	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	streptomycin	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	tetracyclines	70	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d	acepromazine	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B2d	azaperol	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	azaperone	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	carazolol	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	haloperidol	18	0	0,0	0	0,0	3,66667	n.d.	n.d.	5,00000	µg / kg
B2d	haloperidol - metabolite	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	propionylpromazine	18	0	0,0	0	0,0	3,75000	n.d.	n.d.	5,00000	µg / kg
B2d	xylazine	18	0	0,0	0	0,0	3,00000	n.d.	n.d.	5,00000	µg / kg
B3c	cadmium	24	24	100,0	1	4,2	0,62588	0,65750	0,98030	1,19000	mg / kg
B3c	lead	24	22	91,7	0	0,0	0,05996	0,03900	0,09700	0,32000	mg / kg
B3c	mercury	17	17	100,0	2	11,8	0,01016	0,00710	0,01858	0,02400	mg / kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	50 µg / kg	1	0	0	0	0	0
B1	ampicilin	50 µg / kg	1	0	0	0	0	0
B1	benzylpenicilin	50 µg / kg	0	0	0	0	1	0
B1	Cefalexin	1000 µg / kg	1	0	0	0	0	0
B1	cefquinom	200 µg / kg	1	0	0	0	0	0
B1	ceftiofur	6000 µg / kg	1	0	0	0	0	0
B1	cephapirin	100 µg / kg	1	0	0	0	0	0
B1	cloxacilin	300 µg / kg	1	0	0	0	0	0
B1	dicloxacilin	300 µg / kg	1	0	0	0	0	0
B1	dihydrostreptomycin	1000 µg / kg	0	0	1	0	0	0
B1	gentamycin	750 µg / kg	1	0	0	0	0	0
B1	lincomycin	1500 µg / kg	1	0	0	0	0	0
B1	neomycin (incl. framycetin)	5000 µg / kg	1	0	0	0	0	0
B1	oxacilin	300 µg / kg	1	0	0	0	0	0
B1	spectinomycin	5000 µg / kg	1	0	0	0	0	0
B1	streptomycin	1000 µg / kg	1	0	0	0	0	0
B2d	carazolol	15 µg / kg	18	0	0	0	0	0
B3c	cadmium	1 mg / kg	10	4	9	1	0	0
B3c	lead	0,5 mg / kg	23	1	0	0	0	0
B3c	mercury	0,01 mg / kg	2	7	1	5*	0	2

* compliant (within expanded uncertainty of measurement)

cows - kidney - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
benzylpenicilin			
12.05.2011	Lutín	Olšany u Prostějova	84 µg / kg
cadmium			
08.04.2011	Olešnice na Moravě	Svitávka	1,19 mg / kg
mercury			
27.09.2011	Kouřim	Hořátev	0,024 mg / kg
25.03.2011	Přerov	Prosenice	0,0211 mg / kg

cows - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	4	4	100,0	0	0,0	0,36275	0,41450	0,44850	0,45300	mg / kg
B3c mercury	2	2	100,0	0	0,0	0,00470	0,00470	0,00566	0,00590	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	1 mg / kg	4	0	0	0	0	0
B3c mercury	0,01 mg / kg	1	1	0	0	0	0

cows - kidney fat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxypregesterone	6	0	0,0	0	0,0	0,41667	n.d.	n.d.	0,50000	µg / kg
A3 altrenogest	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A3 chloromadinone acetate	6	0	0,0	0	0,0	0,75000	n.d.	n.d.	1,00000	µg / kg
A3 medroxyprogesterone ac.	6	0	0,0	0	0,0	0,41667	n.d.	n.d.	0,50000	µg / kg
A3 megestrol acetate	6	0	0,0	0	0,0	0,75000	n.d.	n.d.	1,00000	µg / kg
A3 melengestrol acetate	6	0	0,0	0	0,0	0,41667	n.d.	n.d.	0,50000	µg / kg

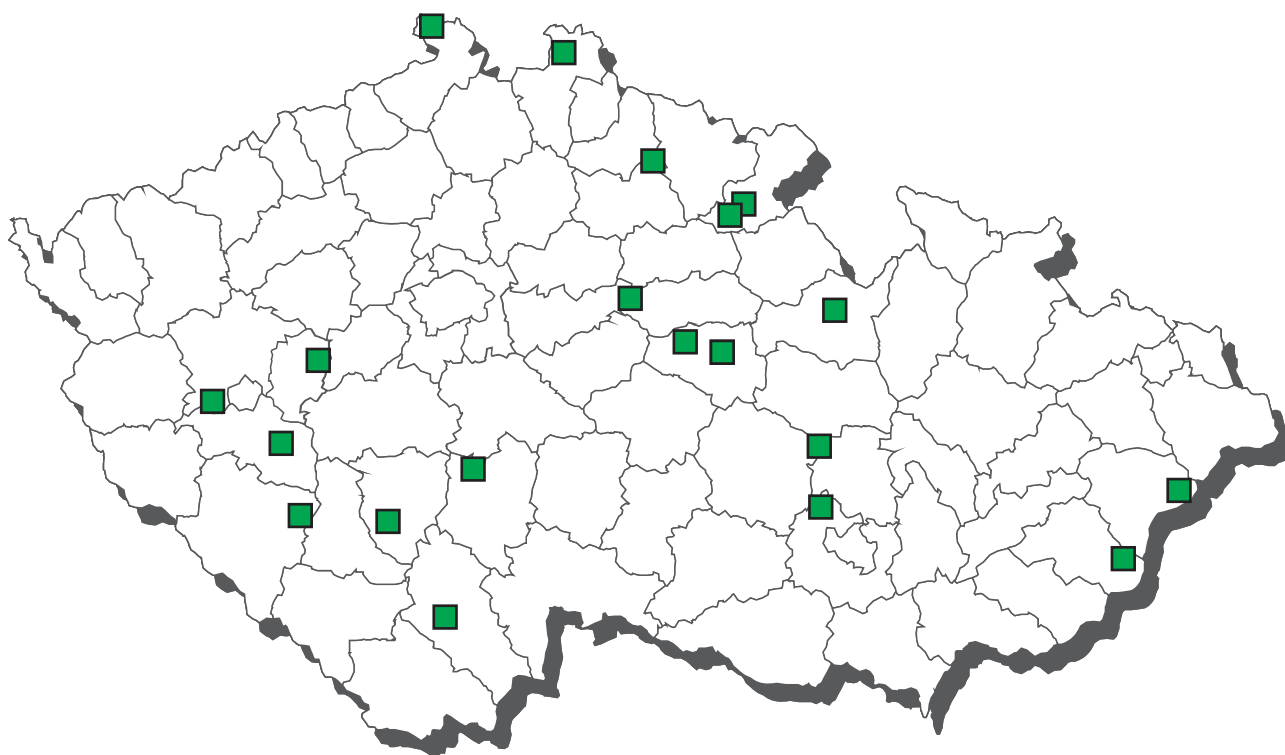
cows - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	dienoestrol	41	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A1	diethylstilbestrol	41	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A1	hexoestrol	41	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A2	methylthiouracil	58	0	0,0	0	0,0	1,90690	n.d.	n.d.	2,00000	µg / l
A2	propylthiouracil	58	0	0,0	0	0,0	1,98448	n.d.	n.d.	2,00000	µg / l
A2	tapazole	58	0	0,0	0	0,0	1,95345	n.d.	n.d.	2,00000	µg / l
A2	thiouracil	58	0	0,0	0	0,0	1,81379	n.d.	n.d.	2,00000	µg / l
A3	16-beta-hydroxy-stanozolol	5	0	0,0	0	0,0	0,15500	n.d.	n.d.	0,15500	µg / l
A3	17-alfa-19-nortestosterone	21	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3	17-beta-19-nortestosterone	21	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3	17-beta-boldenone	21	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A3	dexamethasone	8	0	0,0	0	0,0	0,06500	n.d.	n.d.	0,06500	µg / l
A3	ethinylestradiol	9	0	0,0	0	0,0	0,33333	n.d.	n.d.	0,50000	µg / l
A3	chlortestosterone	21	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3	methylboldenone	21	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3	methyltestosterone	21	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3	norclostebol	21	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3	stanazolol	5	0	0,0	0	0,0	0,22000	n.d.	n.d.	0,22000	µg / l
A3	trenbolone	8	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3	triamcinolone	8	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,07000	µg / l
A4	taleralol	39	0	0,0	0	0,0	0,97692	n.d.	n.d.	1,00000	µg / l
A4	zearalanon	39	0	0,0	0	0,0	0,98205	n.d.	n.d.	1,00000	µg / l
A4	zeranol	39	0	0,0	0	0,0	0,97692	n.d.	n.d.	1,00000	µg / l
A5	brombuterol	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	cimaterol	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	cimbuterol	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	clenbuterol	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	clenpenterol	26	0	0,0	0	0,0	0,12846	n.d.	n.d.	0,15000	µg / l
A5	clenproperol	26	0	0,0	0	0,0	0,13115	n.d.	n.d.	0,15000	µg / l
A5	fenoterol	26	0	0,0	0	0,0	0,24000	n.d.	n.d.	0,24000	µg / l
A5	hydroxymethylclenbuterol	26	0	0,0	0	0,0	0,08500	n.d.	n.d.	0,08500	µg / l
A5	chlorbrombuterol	26	0	0,0	0	0,0	0,08654	n.d.	n.d.	0,10000	µg / l
A5	isoxsuprine	26	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5	mabuterol	26	0	0,0	0	0,0	0,07308	n.d.	n.d.	0,10000	µg / l
A5	mapenterol	26	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / l
A5	orciprenaline (metaprotenerol)	26	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg / l
A5	ractopamin	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	ritodrin	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	salbutamol	26	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A5	salmeterol	26	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / l
A5	terbutalin	26	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5	tulobuterol	26	0	0,0	0	0,0	0,07308	n.d.	n.d.	0,10000	µg / l
A5	zilpaterol	26	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A6	chloramphenikol	57	0	0,0	0	0,0	0,08684	n.d.	n.d.	0,15000	µg / l

cows - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	dienoestrol	41	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A1	diethylstilbestrol	41	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A1	hexoestrol	41	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A2	methylthiouracil	58	0	0,0	0	0,0	1,90690	n.d.	n.d.	2,00000	µg / l
A2	propylthiouracil	58	0	0,0	0	0,0	1,98448	n.d.	n.d.	2,00000	µg / l

CL 2011 - sampling of sheep



Sheep - non-compliant results 2011



- cadmium - muscle
- cadmium - kidney

sheep - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	1	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	1	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	1	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 dimetridazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 HMMNI	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	2	0	0,0	0	0,0	0,03750	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 MNZOH	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 SEM	1	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	5	0	0,0	0	0,0	17,00000	n.d.	n.d.	25,00000	µg / kg
B1 difloxacin	5	0	0,0	0	0,0	17,00000	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	5	0	0,0	0	0,0	17,00000	n.d.	n.d.	25,00000	µg / kg
B1 flumequine	5	0	0,0	0	0,0	22,00000	n.d.	n.d.	50,00000	µg / kg
B1 gentamycin, neomycin	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	5	0	0,0	0	0,0	17,00000	n.d.	n.d.	25,00000	µg / kg
B1 macrolides	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1 residues of ihibitory substances	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	5	0	0,0	0	0,0	11,50000	n.d.	n.d.	12,50000	µg / kg
B1 sulfadiazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimethoxine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimidine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadoxine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfachlorpyridazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamerazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxazole	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxydiazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfaquinoxaline	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfathiazole	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a oxfendazole	2	0	0,0	0	0,0	13,12500	n.d.	n.d.	25,00000	µg / kg
B2c aldicarb	3	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg / kg
B2c carbofuran	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg / kg
B2c cyhalothrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B2c cyhalothrin	2	0	0,0	0	0,0	0,00125	n.d.	n.d.	0,00150	mg / kg fat
B2c cypermethrin	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg / kg fat
B2c deltamethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg / kg
B2c methiocarb	3	0	0,0	0	0,0	0,00300	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 alfa-HCH	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg fat
B3a beta-HCH	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg fat
B3a DDT (sum)	2	2	100,0	0	0,0	0,04600	0,04600	0,06840	0,07400	mg / kg fat
B3a dieldrin	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg fat
B3a endosulfan - sum	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a endrin	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg fat
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg fat
B3a heptachlor	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	2	1	50,0	0	0,0	0,01450	0,01450	0,02530	0,02800	mg / kg fat
B3a chlordan	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a sum PCB	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg fat
B3c arsenic	3	0	0,0	0	0,0	0,00333	n.d.	n.d.	0,00500	mg / kg
B3c cadmium	3	1	33,3	0	0,0	0,00267	n.d.	0,00290	0,00300	mg / kg
B3c lead	3	1	33,3	0	0,0	0,00667	n.d.	0,00900	0,01000	mg / kg
B3c mercury	3	3	100,0	0	0,0	0,00237	0,00210	0,00362	0,00400	mg / kg

sheep - muscle - monitoring (continuation)

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

sheep - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	2	2	100,0	1	50,0	0,04050	0,04050	n.d.	0,06700	mg / kg

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

sheep - muscle - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
cadmium			
18.04.2011	Písek	Milence	0,067 mg / kg

sheep - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A5 cimbuterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	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	0,17500	n.d.	n.d.	0,17500	µg / kg
A5 clenproperol	1	0	0,0	0	0,0	0,13000	n.d.	n.d.	0,13000	µg / kg
A5 fenoterol	1	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,09500	n.d.	n.d.	0,09500	µg / kg
A5 isoxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A5 mapenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A5 salmeterol	1	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	1	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B1 betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	5	0	0,0	0	0,0	11,50000	n.d.	n.d.	12,50000	µg / kg
B1 tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	1,75000	n.d.	n.d.	2,50000	µg / kg
B2b lasalocid	2	0	0,0	0	0,0	1,75000	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	1,75000	n.d.	n.d.	2,50000	µg / kg
B2b narasin	2	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg / kg
B2b nicarbazin	2	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg / kg
B2b robenidin	2	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg / kg
B2b salinomycin	2	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg / kg
B2b semduramicin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B3b diazinone	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg
B3b phorate	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B3b pyrimiphosmethyl	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg
B3c cadmium	3	3	100,0	0	0,0	0,21633	0,24100	0,36820	0,40000	mg / kg
B3c lead	3	2	66,7	0	0,0	0,07033	0,09600	0,10720	0,11000	mg / kg
B3c mercury	3	3	100,0	0	0,0	0,00510	0,00600	0,00624	0,00630	mg / kg
B3d aflatoxin B2	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,07500	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	2	0	0,0	0	0,0	0,09500	n.d.	n.d.	0,10000	µg / kg

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

sheep - liver - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	2	2	100,0	0	0,0	0,36350	0,36350	0,39590	0,40400	mg / kg

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

sheep - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 chlorpromazine	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B1 aminoglycosides	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B2d azaperol	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d azaperone	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d carazolol	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d haloperidol	3	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
B2d haloperidol - metabolite	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d propionylpromazine	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d xylazine	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg / kg
B3c cadmium	3	3	100,0	2	66,7	1,29633	1,33000	2,28680	2,52600	mg / kg
B3c lead	3	3	100,0	0	0,0	0,05000	0,06100	0,06820	0,07000	mg / kg
B3c mercury	3	3	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%
B3c cadmium	1 mg / kg	1	0	0	1	0	1
B3c lead	0,5 mg / kg	3	0	0	0	0	0
B3c mercury	0,01 mg / kg	3	0	0	0	0	0

sheep - kidney - monitoring- list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
cadmium			
02.09.2011	Hlavečník - Pardubice	Písková Lhota	1,33 mg / kg
19.04.2011	Písek - Písek	Javorná na Šumavě	2,526 mg / kg

sheep - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c arsenic	1	1	100,0	0	0,0	0,01300	0,01300	0,01300	0,01300	mg / kg
B3c cadmium	4	4	100,0	3	75,0	1,00550	1,26500	1,42500	1,47000	mg / kg
B3c lead	1	1	100,0	0	0,0	0,05400	0,05400	0,05400	0,05400	mg / kg
B3c mercury	1	1	100,0	0	0,0	0,00350	0,00350	0,00350	0,00350	mg / kg

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

sheep - kidney - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
cadmium			
18.04.2011	Písek	Milence	1,21 mg / kg
18.04.2011	Písek	Milence	1,32 mg / kg
18.04.2011	Písek	Milence	1,47 mg / kg

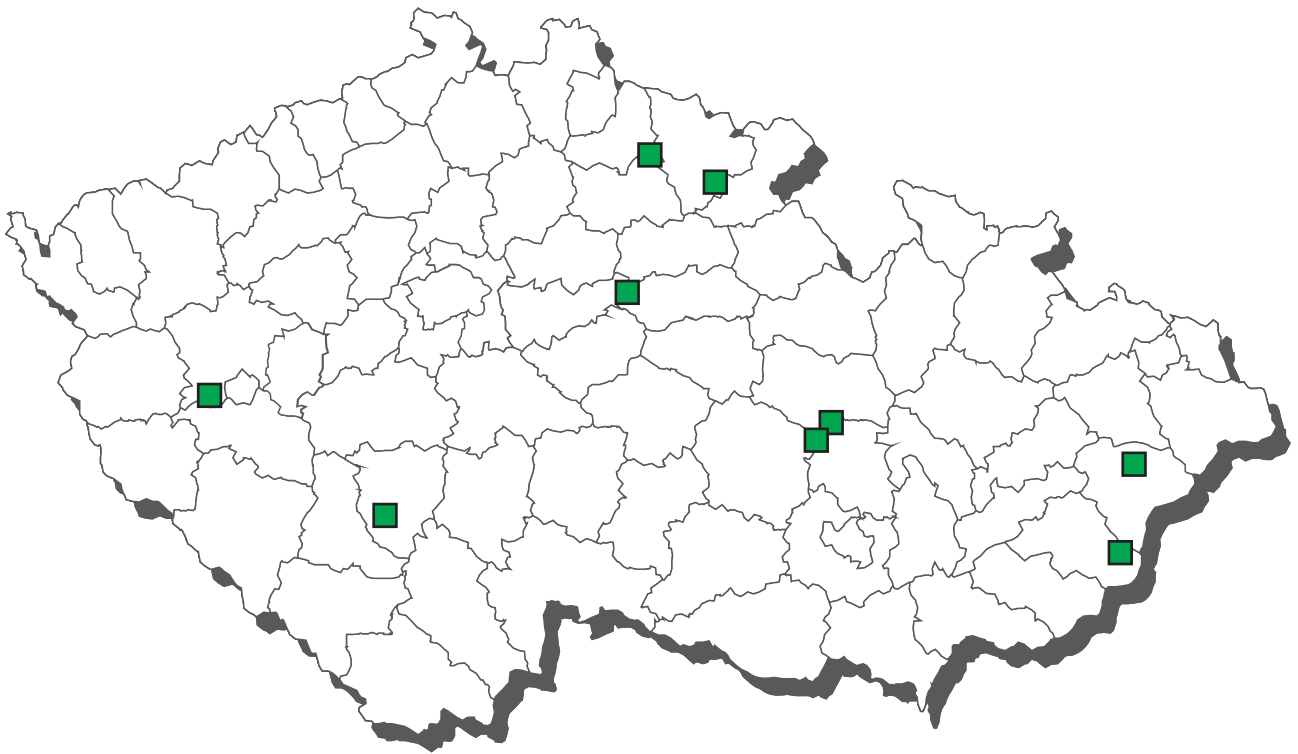
sheep - kidney fat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxypregesterone	2	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,50000	µg / kg
A3 altrenogest	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A3 chloromadinone acetate	2	0	0,0	0	0,0	0,62500	n.d.	n.d.	1,00000	µg / kg
A3 medroxyprogesterone ac.	2	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,50000	µg / kg
A3 megestrol acetate	2	0	0,0	0	0,0	0,62500	n.d.	n.d.	1,00000	µg / kg
A3 melengestrol acetate	2	0	0,0	0	0,0	0,37500	n.d.	n.d.	0,50000	µg / kg

sheep - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A1 diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A1 hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A2 methylthiouracil	3	0	0,0	0	0,0	1,70000	n.d.	n.d.	1,70000	µg / l
A2 propylthiouracil	3	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg / l
A2 tapazole	3	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg / l
A2 thiouracil	3	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg / l
A3 17-alfa-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	0,25000	n.d.	n.d.	0,25000	µg / l
A3 17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A3 dexamethasone	1	0	0,0	0	0,0	0,06500	n.d.	n.d.	0,06500	µg / l
A3 ethinylestradiol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 chlortestosterone	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 methylboldenone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 methyltestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 norclostebol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 triamcinolone	1	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,07000	µg / l
A4 taleranol	4	0	0,0	0	0,0	0,77500	n.d.	n.d.	1,00000	µg / l
A4 zearalanon	4	0	0,0	0	0,0	0,82500	n.d.	n.d.	1,00000	µg / l
A4 zeranol	4	0	0,0	0	0,0	0,77500	n.d.	n.d.	1,00000	µg / l
A5 brombuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 cimaterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	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	0,10000	n.d.	n.d.	0,10000	µg / l
A5 clenpenterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,24000	n.d.	n.d.	0,24000	µg / l
A5 hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,08500	n.d.	n.d.	0,08500	µg / l
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 isoxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 mabuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / l
A5 orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg / l
A5 ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 ritodrin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 salbutamol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A5 salmeterol	1	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / l
A5 terbutalin	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 tulobuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 zilpaterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l

CL 2011 - sampling of goats



goats - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	difloxacin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	enrofloxacin	2	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	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	2	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	200 µg / kg	2	0	0	0	0	0
B1	difloxacin	400 µg / kg	2	0	0	0	0	0
B1	enrofloxacin	100 µg / kg	2	0	0	0	0	0
B1	flumequine	200 µg / kg	2	0	0	0	0	0
B1	oxolinic acid	100 µg / kg	2	0	0	0	0	0
B1	sulfadiazine	100 µg / kg	2	0	0	0	0	0
B1	sulfadimethoxine	100 µg / kg	2	0	0	0	0	0
B1	sulfadimidine	100 µg / kg	2	0	0	0	0	0
B1	sulfadoxine	100 µg / kg	2	0	0	0	0	0
B1	sulfachlorpyridazine	100 µg / kg	2	0	0	0	0	0
B1	sulfamerazine	100 µg / kg	2	0	0	0	0	0
B1	sulfamethoxazole	100 µg / kg	2	0	0	0	0	0
B1	sulfamethoxydiazine	100 µg / kg	2	0	0	0	0	0
B1	sulfaquinoxaline	100 µg / kg	2	0	0	0	0	0
B1	sulfathiazole	100 µg / kg	2	0	0	0	0	0

goats - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	

goats - kidney - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	chlorpromazine	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B1	aminoglycosides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d	acepromazine	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B2d	azaperol	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	azaperone	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	carazolol	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	haloperidol	2	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
B2d	haloperidol - metabolite	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	propionylpromazine	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d	xylazine	2	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg / kg

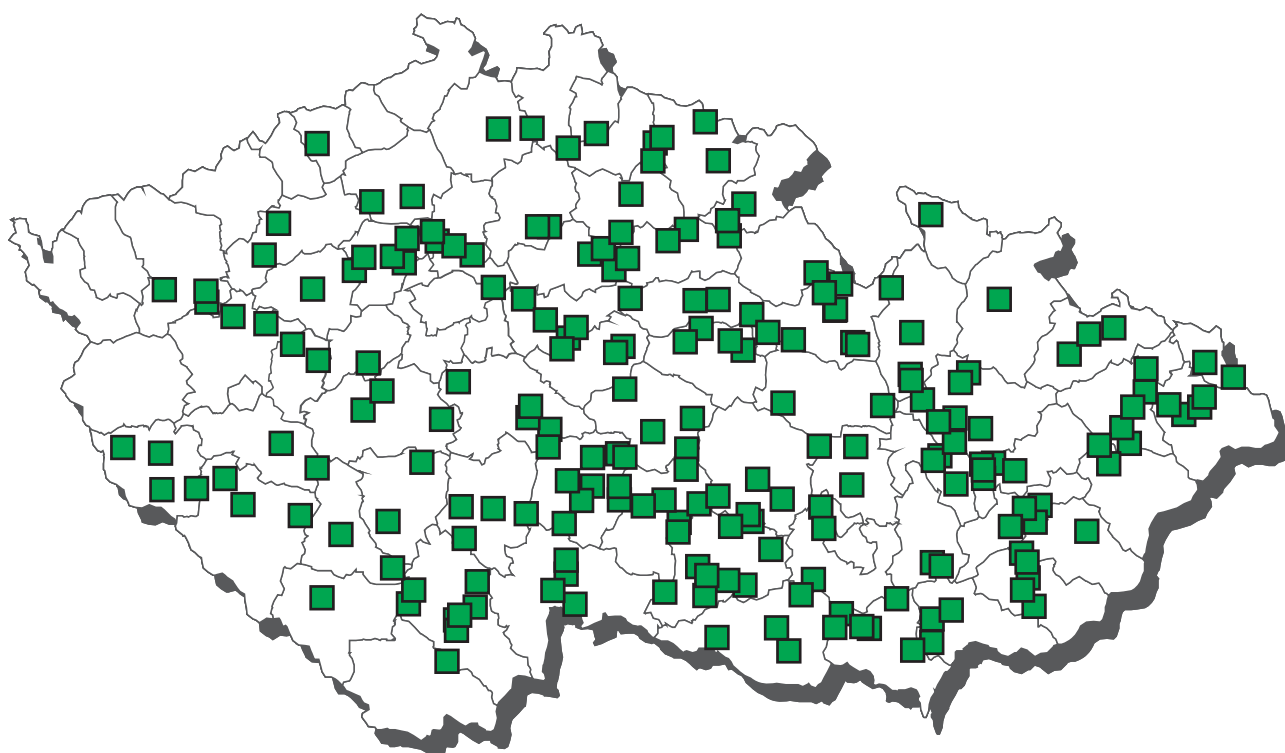
goats - kidney fat - monitoring

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

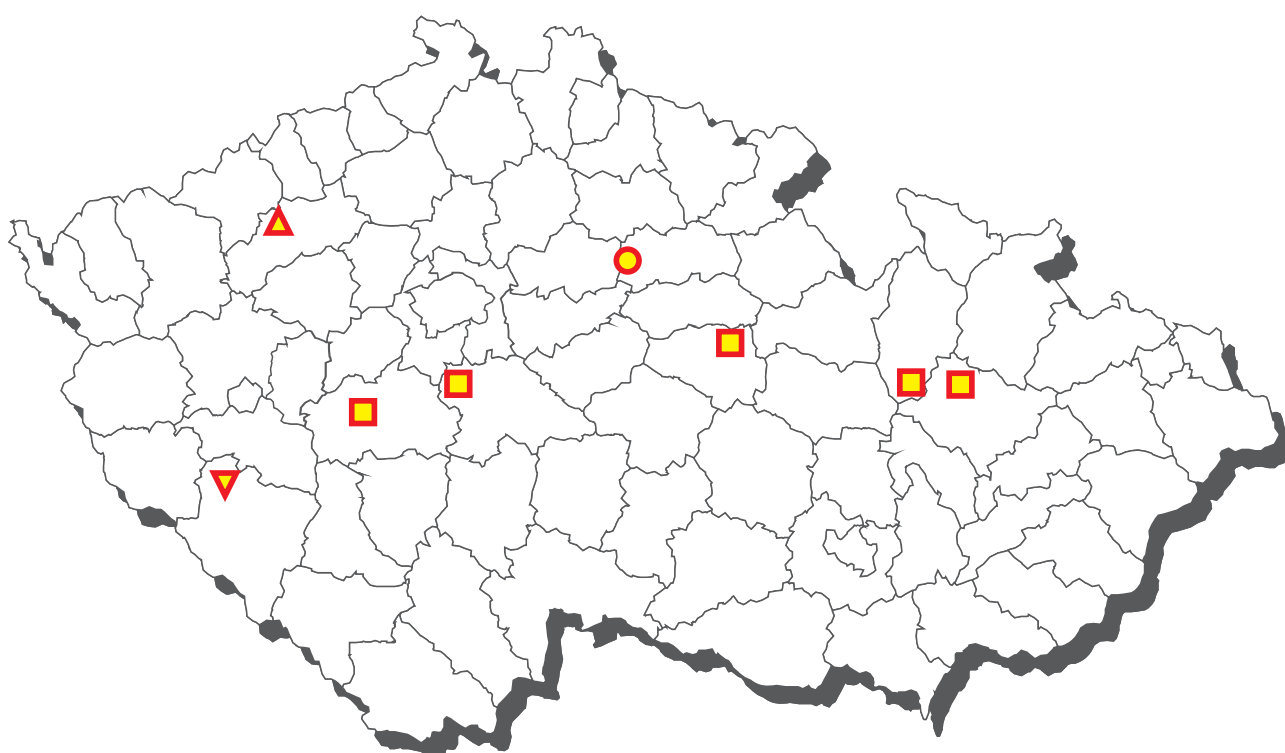
goats - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A3	17-alfa-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	0,25000	n.d.	n.d.	0,25000	µg / l
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A3	chlortestosterone	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3	methylboldenone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3	methyltestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3	norclostebol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A5	brombuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	cimaterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	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	0,10000	n.d.	n.d.	0,10000	µg / l
A5	clenpenterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	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	0,24000	n.d.	n.d.	0,24000	µg / l
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,08500	n.d.	n.d.	0,08500	µg / l
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	isoxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5	mabuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	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	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	ritodrin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	salbutamol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A5	salmeterol	1	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / l
A5	terbutalin	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5	tulobuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5	zilpaterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l

CL 2011 - sampling of pigs



Pigs - non-compliant results 2011



- ▲ DDT (sum) - muscle ▼ residues of inhibitory substances - kidney
- 17-beta-19-nortestosterone - urine ■ mercury - kidney

pigs - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	40	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	40	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	40	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 dapsone	15	0	0,0	0	0,0	0,33667	n.d.	n.d.	0,50000	µg / kg
A6 dimetridazole	40	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 HMMNI	40	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	135	0	0,0	0	0,0	0,04870	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	40	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 MNZOH	40	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	40	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 SEM	40	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	177	0	0,0	0	0,0	19,57627	n.d.	n.d.	25,00000	µg / kg
B1 difloxacin	177	0	0,0	0	0,0	19,57627	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	177	0	0,0	0	0,0	19,57627	n.d.	n.d.	25,00000	µg / kg
B1 flumequine	177	0	0,0	0	0,0	30,73446	n.d.	n.d.	50,00000	µg / kg
B1 gentamycin, neomycin	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	177	0	0,0	0	0,0	19,57627	n.d.	n.d.	25,00000	µg / kg
B1 macrolides	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	177	0	0,0	0	0,0	19,57627	n.d.	n.d.	25,00000	µg / kg
B1 residues of ihibitory substances	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	177	1	0,6	0	0,0	11,97119	n.d.	n.d.	38,90000	µg / kg
B1 sulfadiazine	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimethoxine	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimidine	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadoxine	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfachlorpyridazine	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamerazine	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxazole	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxydiazine	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfaquinoxaline	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfathiazole	177	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 tetracyclines	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 valnemulin	177	0	0,0	0	0,0	10,46610	n.d.	n.d.	12,50000	µg / kg
B2a albendazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a fenbendazole	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	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a mebendazole	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a oxfendazole	23	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg / kg
B2a rafoxanid	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a thiabendazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a triclabendazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2c aldicarb	103	0	0,0	0	0,0	0,00290	n.d.	n.d.	0,00500	mg / kg
B2c carbofuran	103	0	0,0	0	0,0	0,00552	n.d.	n.d.	0,01000	mg / kg
B2c cyhalothrin	103	0	0,0	0	0,0	0,00658	n.d.	n.d.	0,01000	mg / kg fat
B2c cypermethrin	103	0	0,0	0	0,0	0,00617	n.d.	n.d.	0,01000	mg / kg fat
B2c deltamethrin	103	0	0,0	0	0,0	0,00640	n.d.	n.d.	0,01000	mg / kg fat
B2c methiocarb	103	0	0,0	0	0,0	0,00746	n.d.	n.d.	0,01500	mg / kg
B2c methomyl	103	0	0,0	0	0,0	0,00552	n.d.	n.d.	0,01000	mg / kg
B2c permethrin	103	0	0,0	0	0,0	0,00363	n.d.	n.d.	0,01500	mg / kg
B2c propoxur	103	0	0,0	0	0,0	0,00552	n.d.	n.d.	0,01000	mg / kg
B2e carprofen	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e diclofenac	30	0	0,0	0	0,0	1,62500	n.d.	n.d.	2,50000	µg / kg
B2e flunixin	30	0	0,0	0	0,0	1,62500	n.d.	n.d.	2,50000	µg / kg
B2e ibuprofen	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e mefenamic acid	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e meloxicam	30	0	0,0	0	0,0	1,62500	n.d.	n.d.	2,50000	µg / kg
B2e oxyphenbutazone	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e phenylbutazone	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e tolfenamic acid	30	0	0,0	0	0,0	1,62500	n.d.	n.d.	2,50000	µg / kg
B2e vedaprofen	30	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a alfa-HCH	93	0	0,0	0	0,0	0,00156	n.d.	n.d.	0,00250	mg / kg fat
B3a beta-HCH	93	0	0,0	0	0,0	0,00137	n.d.	n.d.	0,00250	mg / kg fat
B3a DDT (sum)	93	37	39,8	1	1,1	0,03417	n.d.	0,02900	2,10200	mg / kg fat
B3a dieldrin	93	0	0,0	0	0,0	0,00140	n.d.	n.d.	0,00250	mg / kg fat
B3a endosulfan - sum	93	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a endrin	93	0	0,0	0	0,0	0,00168	n.d.	n.d.	0,00250	mg / kg fat
B3a gama-HCH (lindan)	93	0	0,0	0	0,0	0,00102	n.d.	n.d.	0,00250	mg / kg fat
B3a heptachlor	93	0	0,0	0	0,0	0,00160	n.d.	n.d.	0,00250	mg / kg fat
B3a hexachlorbenzen	93	1	1,1	0	0,0	0,00106	n.d.	n.d.	0,00500	mg / kg fat
B3a chlordan	93	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg

pigs - muscle - monitoring (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	96	16	16,7	0	0,0	0,00548	n.d.	0,01700	0,04400	mg / kg fat
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,84267	0,83000	0,89000	0,90500	pg / g fat
B3a WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,74367	0,74600	0,76040	0,76400	pg / g fat
B3c arsenic	77	2	2,6	0	0,0	0,00317	n.d.	n.d.	0,00800	mg / kg
B3c cadmium	77	2	2,6	0	0,0	0,00216	n.d.	n.d.	0,00250	mg / kg
B3c lead	77	5	6,5	0	0,0	0,00558	n.d.	n.d.	0,01900	mg / kg
B3c mercury	77	44	57,1	0	0,0	0,00091	0,00060	0,00186	0,00530	mg / kg
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	177	0	0	0	0	0
B1 difloxacin	400 µg / kg	177	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	177	0	0	0	0	0
B1 flumequine	200 µg / kg	177	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	177	0	0	0	0	0
B1 marbofloxacin	150 µg / kg	177	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	177	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	177	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	177	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	177	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	177	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	177	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	177	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	177	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	177	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	177	0	0	0	0	0
B1 valnemulin	50 µg / kg	177	0	0	0	0	0
B2a fenbendazole	50 µg / kg	9	0	0	0	0	0
B2a levamisole	10 µg / kg	9	0	0	0	0	0
B2a oxfendazole	50 µg / kg	23	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	103	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	103	0	0	0	0	0
B2c cyhalothrin	0,5 mg / kg fat	103	0	0	0	0	0
B2c cypermethrin	0,2 mg / kg fat	103	0	0	0	0	0
B2c deltamethrin	0,5 mg / kg fat	103	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	103	0	0	0	0	0
B2c methomyl	0,02 mg / kg	103	0	0	0	0	0
B2c permethrin	0,05 mg / kg	103	0	0	0	0	0
B2c propoxur	0,05 mg / kg	103	0	0	0	0	0
B2e diclofenac	5 µg / kg	30	0	0	0	0	0
B2e flunixin	50 µg / kg	30	0	0	0	0	0
B2e meloxicam	20 µg / kg	30	0	0	0	0	0
B2e tolfenamic acid	50 µg / kg	30	0	0	0	0	0
B3a alfa-HCH	0,2 mg / kg fat	93	0	0	0	0	0
B3a beta-HCH	0,1 mg / kg fat	93	0	0	0	0	0
B3a DDT (sum)	1 mg / kg fat	92	0	0	0	0	1
B3a dieldrin	0,2 mg / kg fat	93	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	93	0	0	0	0	0
B3a endrin	0,05 mg / kg fat	93	0	0	0	0	0
B3a gama-HCH (lindan)	0,02 mg / kg fat	93	0	0	0	0	0
B3a heptachlor	0,2 mg / kg fat	93	0	0	0	0	0
B3a hexachlorbenzen	0,2 mg / kg fat	93	0	0	0	0	0
B3a chlordan	0,05 mg / kg	93	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	96	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	-PCDD/F-TEQ/g fat	0	3	0	0	0	0
B3a WHO-PCDD/F-TEQ	g WHO-PCDD/F-TEQ/g	0	2	1	0	0	0
B3c arsenic	0,1 mg / kg	77	0	0	0	0	0
B3c cadmium	0,05 mg / kg	77	0	0	0	0	0
B3c lead	0,1 mg / kg	77	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%
B3c mercury	0,01 mg / kg	76	1	0	0	0	0
B3a beta-HCH	0,01 mg / kg	20	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	20	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	20	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	20	0	0	0	0	0
B3a endrin	0,01 mg / kg	20	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	20	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	20	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	20	0	0	0	0	0
B3a chlordan	0,05 mg / kg	20	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	19	0	1	0	0	0
B3c arsenic	0,1 mg / kg	23	1	0	0	0	0
B3c cadmium	0,05 mg / kg	24	0	0	0	0	0
B3c lead	0,1 mg / kg	24	0	0	0	0	0
B3c mercury	0,01 mg / kg	24	0	0	0	0	0

pigs - muscle - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
DDT (sum)			
24.05.2011	Žatec	Krásný Dvůr	2,102 mg / kg fat

pigs - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	77	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	77	0	0,0	0	0,0	0,07922	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	77	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	77	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 clenpenterol	77	0	0,0	0	0,0	0,18961	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	77	0	0,0	0	0,0	0,14169	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	77	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	77	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	77	0	0,0	0	0,0	0,09792	n.d.	n.d.	0,10000	µg / kg
A5 isoxxsuprine	77	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	77	0	0,0	0	0,0	0,07922	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	77	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	77	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	77	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	77	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	77	0	0,0	0	0,0	0,37922	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	77	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	77	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	77	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	77	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B1 betalactams	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	177	1	0,6	0	0,0	12,46384	n.d.	n.d.	126,10	µg / kg
B1 tetracyclines	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	100	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a doramectin	100	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a emamectin	100	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a eprinomectin	100	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a ivermectin	100	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a moxidectin	100	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2b decoquinat	47	0	0,0	0	0,0	1,41489	n.d.	n.d.	2,50000	µg / kg
B2b diclazuril	47	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b halofuginone	47	0	0,0	0	0,0	1,41489	n.d.	n.d.	2,50000	µg / kg
B2b lasalocid	47	0	0,0	0	0,0	1,82979	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	47	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	47	0	0,0	0	0,0	1,41489	n.d.	n.d.	2,50000	µg / kg
B2b narasin	47	0	0,0	0	0,0	1,41489	n.d.	n.d.	2,50000	µg / kg
B2b nicarbazin	47	0	0,0	0	0,0	1,41489	n.d.	n.d.	2,50000	µg / kg
B2b robenidin	47	0	0,0	0	0,0	1,41489	n.d.	n.d.	2,50000	µg / kg
B2b salinomycin	47	0	0,0	0	0,0	1,41489	n.d.	n.d.	2,50000	µg / kg
B2b semduramicin	47	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B3b diazinone	48	0	0,0	0	0,0	0,00172	n.d.	n.d.	0,00200	mg / kg
B3b phorate	48	0	0,0	0	0,0	0,00209	n.d.	n.d.	0,00250	mg / kg
B3b pyrimiphosmethyl	48	0	0,0	0	0,0	0,00172	n.d.	n.d.	0,00200	mg / kg
B3c cadmium	77	77	100,0	0	0,0	0,04075	0,02700	0,07620	0,24700	mg / kg
B3c lead	77	15	19,5	0	0,0	0,01849	n.d.	0,02000	0,45000	mg / kg
B3c mercury	57	50	87,7	0	0,0	0,00216	0,00150	0,00482	0,00990	mg / kg
B3d aflatoxin B2	17	0	0,0	0	0,0	0,04853	n.d.	n.d.	0,07500	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	17	0	0,0	0	0,0	0,07941	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a doramectin	100 µg / kg	100	0	0	0	0	0
B2a ivermectin	100 µg / kg	100	0	0	0	0	0
B2b decoquinat	20 µg / kg	47	0	0	0	0	0
B2b halofuginone	30 µg / kg	47	0	0	0	0	0
B2b lasalocid	50 µg / kg	47	0	0	0	0	0
B2b maduramicin	2 µg / kg	47	0	0	0	0	0
B2b monensin	8 µg / kg	47	0	0	0	0	0
B2b narasin	50 µg / kg	47	0	0	0	0	0
B2b nicarbazin	100 µg / kg	47	0	0	0	0	0
B2b robenidin	50 µg / kg	47	0	0	0	0	0
B2b salinomycin	5 µg / kg	47	0	0	0	0	0
B2b semduramicin	2 µg / kg	47	0	0	0	0	0
B3b diazinone	0,05 mg / kg	48	0	0	0	0	0
B3b phorate	0,05 mg / kg	48	0	0	0	0	0
B3b pyrimiphosmethyl	0,05 mg / kg	48	0	0	0	0	0
B3c cadmium	0,5 mg / kg	77	0	0	0	0	0
B3c lead	0,5 mg / kg	76	0	1	0	0	0
B3c mercury	0,01 mg / kg	51	5	1	0	0	0
B3d aflatoxin B2	20 µg / kg	17	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	17	0	0	0	0	0

pigs - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 chlorpromazine	95	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B1 aminoglycosides	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 dihydrostreptomycin	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1 gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1 lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1 neomycin (incl. framycetin)	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1 residues of inhibitory substances	177	1	0,6	1	0,6	0,00000	n.d.	n.d.	kvalit	
B1 spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1 streptomycin	1	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1 tetracyclines	177	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	95	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B2d azaperol	95	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d azaperone	95	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d carazolol	95	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d haloperidol	95	0	0,0	0	0,0	3,50526	n.d.	n.d.	5,00000	µg / kg
B2d haloperidol - metabolite	95	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d propionylpromazine	95	0	0,0	0	0,0	4,05263	n.d.	n.d.	5,00000	µg / kg
B2d xylazine	95	0	0,0	0	0,0	2,75789	n.d.	n.d.	5,00000	µg / kg
B3c cadmium	77	77	100,0	0	0,0	0,16850	0,13600	0,30100	0,90500	mg / kg
B3c lead	77	17	22,1	0	0,0	0,01432	n.d.	0,01440	0,21000	mg / kg
B3c mercury	57	57	100,0	5	8,8	0,00731	0,00400	0,01616	0,03900	mg / kg
B3d ochratoxin A	18	5	27,8	0	0,0	0,41111	n.d.	0,97500	3,28000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 dihydrostreptomycin	1000 µg / kg	1	0	0	0	0	0
B1 gentamycin	750 µg / kg	1	0	0	0	0	0
B1 lincomycin	1500 µg / kg	1	0	0	0	0	0
B1 neomycin (incl. framycetin)	5000 µg / kg	1	0	0	0	0	0
B1 spectinomycin	5000 µg / kg	1	0	0	0	0	0
B1 streptomycin	1000 µg / kg	1	0	0	0	0	0
B2d azaperol	50 µg / kg	95	0	0	0	0	0
B2d azaperone	50 µg / kg	95	0	0	0	0	0
B2d carazolol	25 µg / kg	95	0	0	0	0	0
B3c cadmium	1 mg / kg	75	1	1	0	0	0
B3c lead	0,5 mg / kg	77	0	0	0	0	0
B3c mercury	0,01 mg / kg	32	8	5	7*	0	5
B3d ochratoxin A	10 µg / kg	18	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

pigs - kidney - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
residues of ihibitory substances			
19.09.2011	Dehtín	Kanice u Domažlic	pozitivní
mercury			
02.05.2011	Synčany	Synčany	0,0351 mg / kg
26.09.2011	Všetice	Všetice	0,028 mg / kg
09.05.2011	Újezd u Uničova	Újezd u Uničova	0,0254 mg / kg
27.06.2011	Mohelnice	Loštice	0,039 mg / kg
19.07.2011	Příbram	Lom u Tachova	0,032 mg / kg

pigs - kidney - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	6	6	100,0	0	0,0	0,14400	0,13950	0,19100	0,22300	mg / kg
B3c lead	1	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg / kg
B3c mercury	10	10	100,0	5	50,0	0,01936	0,01460	0,04037	0,05270	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	1 mg / kg	6	0	0	0	0	0
B3c lead	0,5 mg / kg	1	0	0	0	0	0
B3c mercury	0,01 mg / kg	3	2	0	0	0	5

pigs - kidney - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
mercury			
24.10.2011	Všetice	Všetice	0,039 mg / kg
19.10.2011	Všetice	Všetice	0,027 mg / kg
28.11.2011	Mohelnice	Loštice	0,0281 mg / kg
19.08.2011	Mohelnice	Loštice	0,0527 mg / kg
28.11.2011	Mohelnice	Loštice	0,0223 mg / kg

pigs - kidney fat - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxypregesterone	50	0	0,0	0	0,0	0,41500	n.d.	n.d.	0,50000	µg / kg
A3 altrenogest	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A3 chloromadinone acetate	50	0	0,0	0	0,0	0,74500	n.d.	n.d.	1,00000	µg / kg
A3 medroxyprogesterone ac.	50	0	0,0	0	0,0	0,41500	n.d.	n.d.	0,50000	µg / kg
A3 meggestrol acetate	50	0	0,0	0	0,0	0,74500	n.d.	n.d.	1,00000	µg / kg
A3 melengestrol acetate	50	0	0,0	0	0,0	0,41500	n.d.	n.d.	0,50000	µg / kg

pigs - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienoestrol	40	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A1 diethylstilbestrol	40	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A1 hexoestrol	40	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A2 methylthiouracil	54	0	0,0	0	0,0	1,91111	n.d.	n.d.	2,00000	µg / l
A2 propylthiouracil	54	0	0,0	0	0,0	1,98519	n.d.	n.d.	2,00000	µg / l
A2 tapazole	54	0	0,0	0	0,0	1,95556	n.d.	n.d.	2,00000	µg / l
A2 thiouracil	54	0	0,0	0	0,0	1,82222	n.d.	n.d.	2,00000	µg / l
A3 16-beta-hydroxy-stanozolol	11	0	0,0	0	0,0	0,15500	n.d.	n.d.	0,15500	µg / l
A3 17-alfa-19-nortestosterone	78	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 17-alfa-trenbolonee	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 17-beta-19-nortestosterone	78	1	1,3	1	1,3	0,69551	n.d.	n.d.	35,00000	µg / l
A3 17-beta-boldenone	78	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A3 17-beta-trenbolonee	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 dexamethasone	33	0	0,0	0	0,0	0,06500	n.d.	n.d.	0,06500	µg / l
A3 ethinylestradiol	34	0	0,0	0	0,0	0,36765	n.d.	n.d.	0,50000	µg / l
A3 chlortestosterone	78	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 methylboldenone	78	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 methyltestosterone	78	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A3 norclostebol	78	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 stanazolol	11	0	0,0	0	0,0	0,22000	n.d.	n.d.	0,22000	µg / l
A3 trenbolone	35	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A3 triamcinolone	33	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,07000	µg / l
A4 taleranol	89	0	0,0	0	0,0	0,93933	n.d.	n.d.	1,00000	µg / l
A4 zearalanon	89	0	0,0	0	0,0	0,95281	n.d.	n.d.	1,00000	µg / l
A4 zeranol	89	0	0,0	0	0,0	0,93933	n.d.	n.d.	1,00000	µg / l
A5 brombuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 cimaterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	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	0,10000	n.d.	n.d.	0,10000	µg / l
A5 clenpenterol	5	0	0,0	0	0,0	0,13400	n.d.	n.d.	0,15000	µg / l
A5 clenproperol	5	0	0,0	0	0,0	0,13600	n.d.	n.d.	0,15000	µg / l
A5 fenoterol	5	0	0,0	0	0,0	0,24000	n.d.	n.d.	0,24000	µg / l
A5 hydroxymethylclenbuterol	5	0	0,0	0	0,0	0,08500	n.d.	n.d.	0,08500	µg / l
A5 chlorbrombuterol	5	0	0,0	0	0,0	0,09000	n.d.	n.d.	0,10000	µg / l
A5 isoxsuprine	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 mabuterol	5	0	0,0	0	0,0	0,08000	n.d.	n.d.	0,10000	µg / l
A5 mapenterol	5	0	0,0	0	0,0	0,05400	n.d.	n.d.	0,07000	µg / l
A5 orciprenalin (metaprotenerol)	5	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,00000	µg / l
A5 ractopamin	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 ritodrin	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / l
A5 salbutamol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / l
A5 salmeterol	5	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / l
A5 terbutalin	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / l
A5 tulobuterol	5	0	0,0	0	0,0	0,08000	n.d.	n.d.	0,10000	µg / l
A5 zilpaterol	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l
A6 chloramphenikol	30	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,15000	µg / l

pigs - urine - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
17-beta-19-nortestosterone			
17.08.2011	Lužec nad Cidlinou	Polní Chrčice	35 µg / l

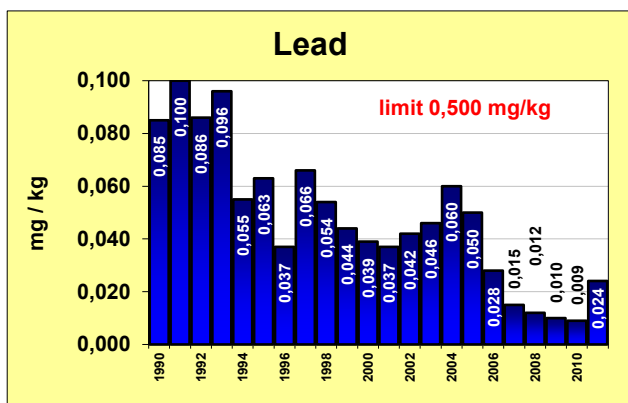
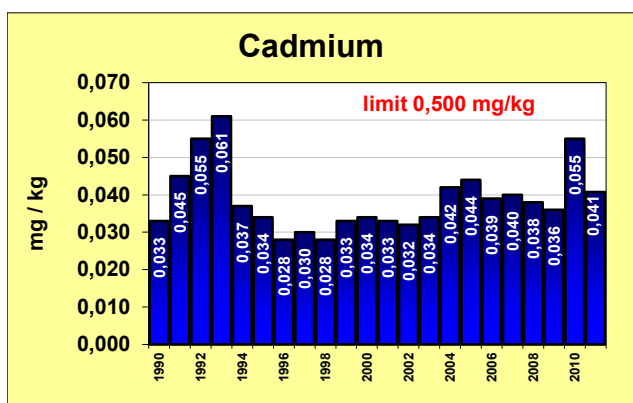
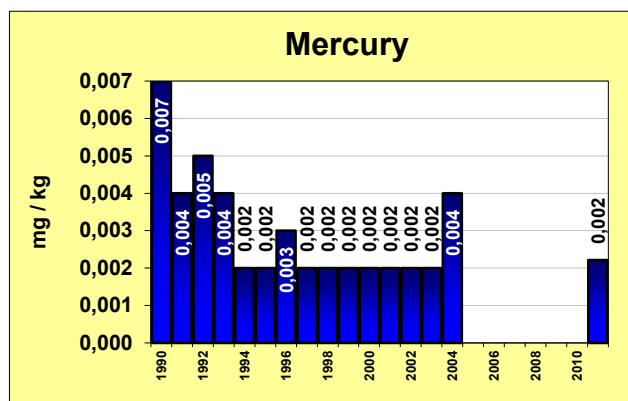
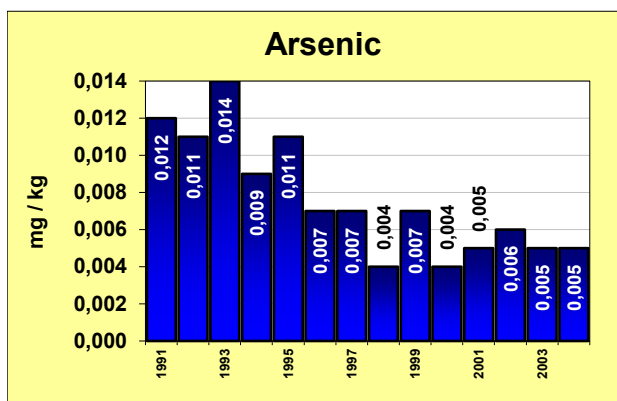
pigs - urine - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,12500	µg / l

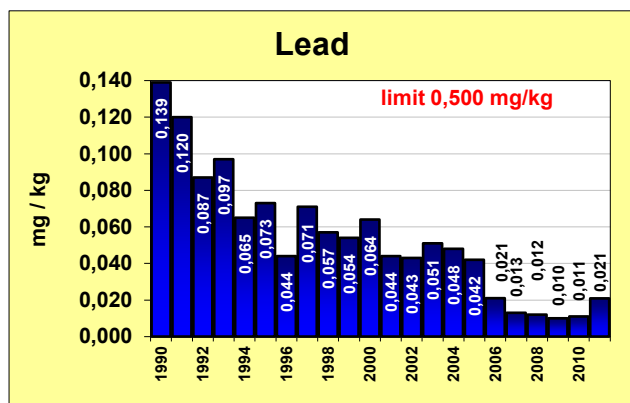
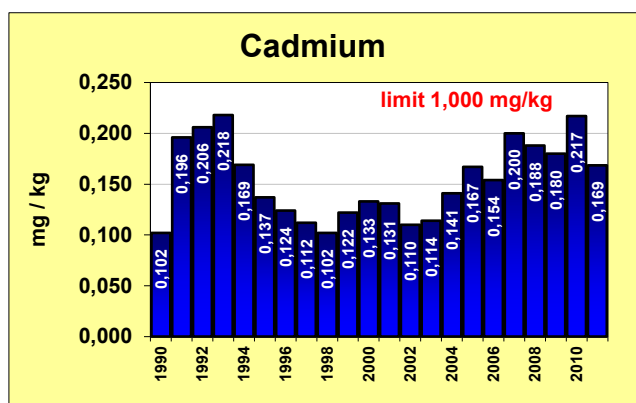
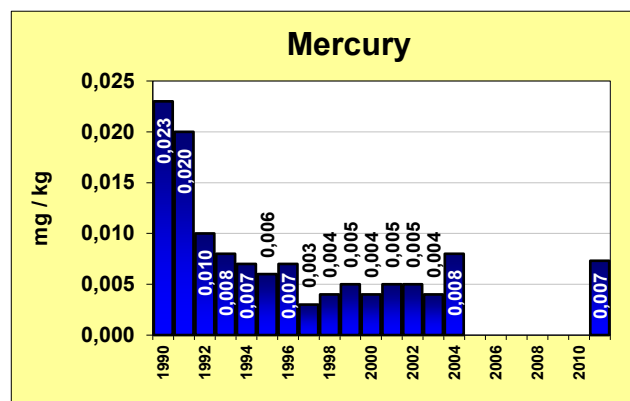
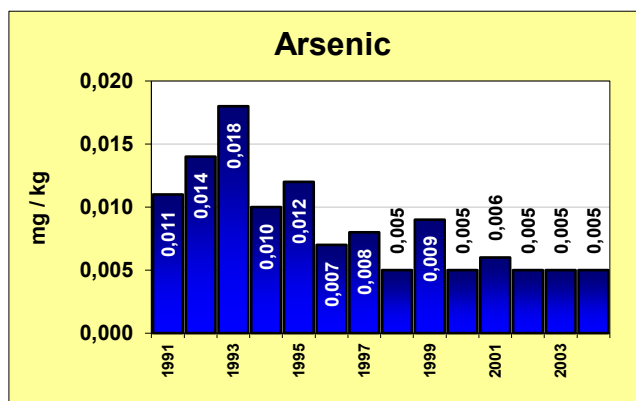
pigs - serum - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 dimetridazole	6	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg / l
A6 HMMNI	6	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6 metronidazole a MNZOH	6	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6 MNZOH	6	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg / l
A6 ronidazole	6	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l

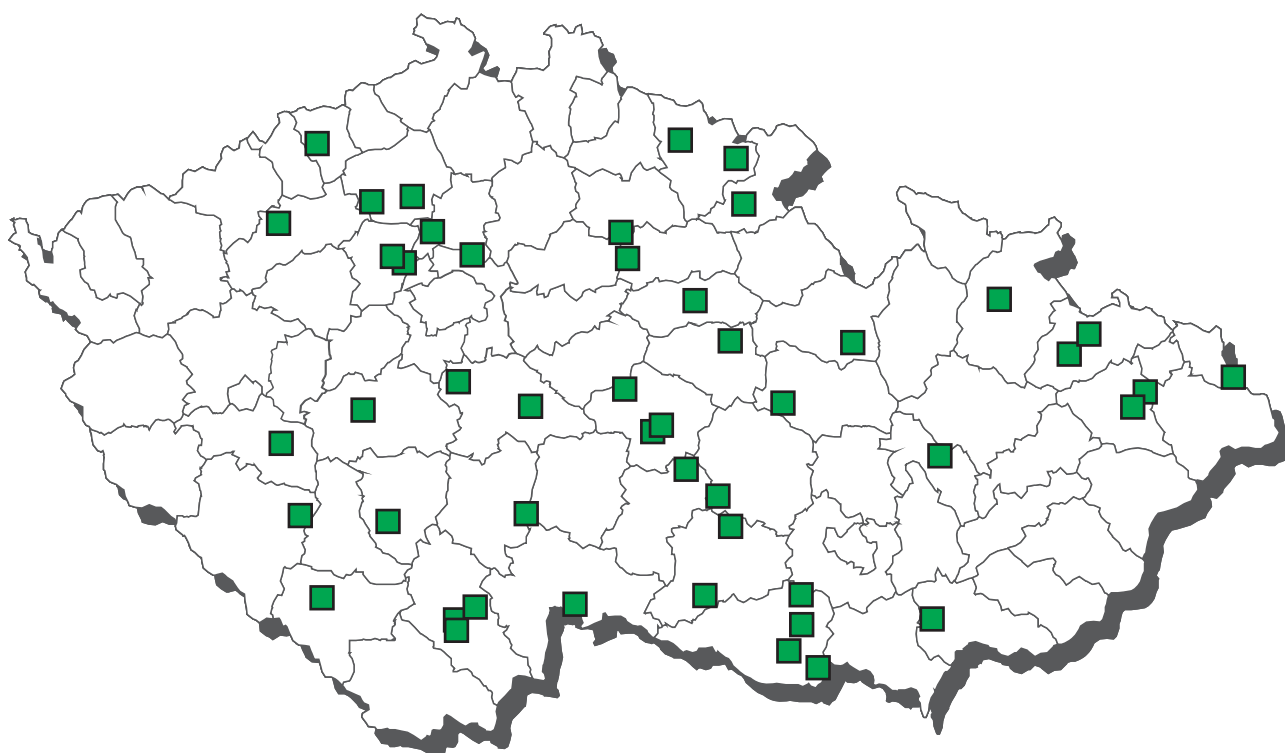
The average content of contaminants in the liver of pigs



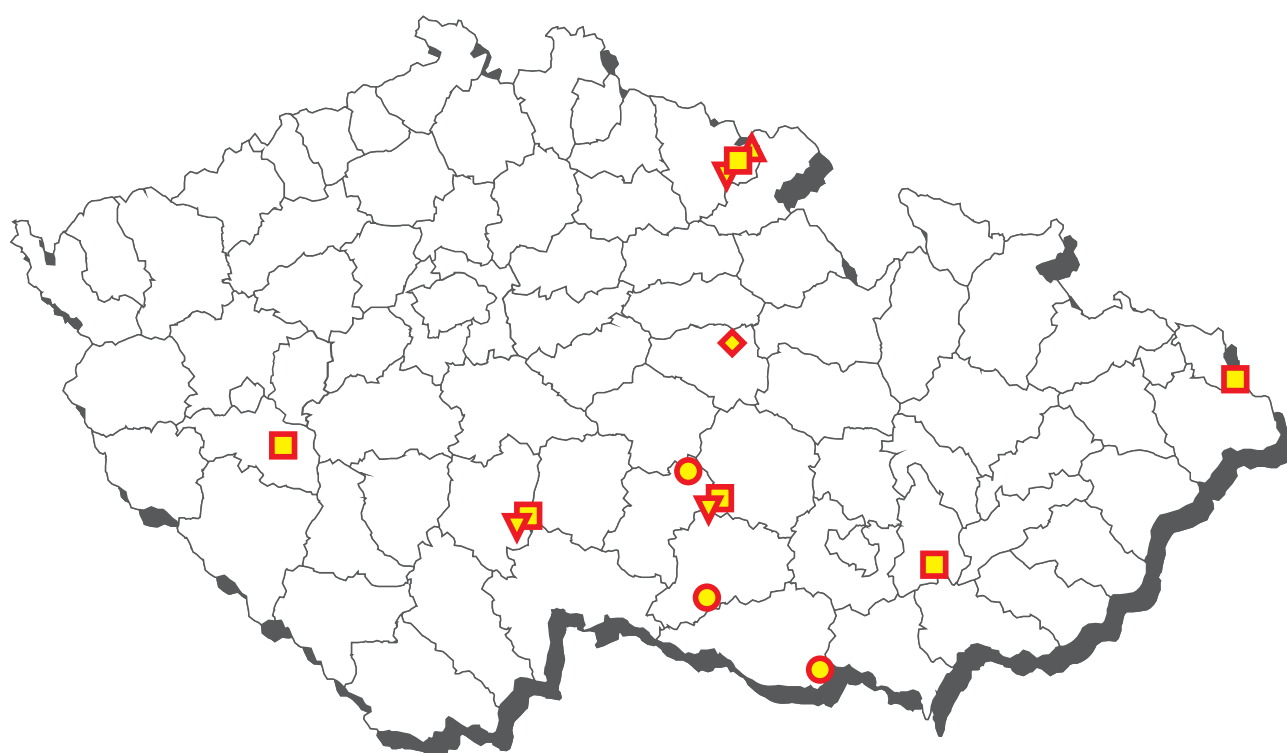
The average content of contaminants in the kidney of pigs



CL 2011 - sampling of sows



Sows - non-compliant results 2011



- dihydrostreptomycin - liver
- ▼ dihydrostreptomycin- kidney
- ◆ mercury - kidney
- ▲ benzylpenicilin - kidney
- amoxicilin - kidney

sows - muscle - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	amoxicilin	4	1	25,0	0	0,0	9,50000	n.d.	17,60000	23,00000	µg / kg
B1	ampicilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	benzylpenicilin	4	1	25,0	0	0,0	8,50000	n.d.	14,80000	19,00000	µg / kg
B1	betalactams	200	0	0,0	2	1,0	0,00000	n.d.	n.d.	kvalit	
B1	Cefalexin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefalonium	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefazolin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefoperazon	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefquinom	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	ceftiofur	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cephapirin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cloxacilin	4	0	0,0	0	0,0	3,83750	n.d.	n.d.	5,00000	µg / kg
B1	danofloxacin	200	0	0,0	0	0,0	19,40000	n.d.	n.d.	25,00000	µg / kg
B1	dicloxacilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	difloxacin	200	0	0,0	0	0,0	19,40000	n.d.	n.d.	25,00000	µg / kg
B1	dihydrostreptomycin	5	1	20,0	0	0,0	72,00000	n.d.	116,00	160,00	µg / kg
B1	enrofloxacin	200	0	0,0	0	0,0	19,40000	n.d.	n.d.	25,00000	µg / kg
B1	flumequine	200	0	0,0	0	0,0	32,40000	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin	5	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	gentamycin, neomycin	200	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	200	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	200	0	0,0	0	0,0	19,40000	n.d.	n.d.	25,00000	µg / kg
B1	lincomycin	4	0	0,0	0	0,0	37,50000	n.d.	n.d.	50,00000	µg / kg
B1	macrolides	200	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	marbofloxacin	200	0	0,0	0	0,0	19,40000	n.d.	n.d.	25,00000	µg / kg
B1	nafcilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	neomycin (incl. framycetin)	5	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	oxacilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	penicilin V	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	residues of ihibitory substances	200	0	0,0	1	0,5	0,00000	n.d.	n.d.	kvalit	
B1	spectinomycin	3	0	0,0	0	0,0	33,33333	n.d.	n.d.	50,00000	µg / kg
B1	streptomycin	5	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	streptomycines	200	0	0,0	0	0,0	11,80000	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	200	1	0,5	0	0,0	15,14900	n.d.	n.d.	44,80000	µg / kg
B1	sulfamethoxazole	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	200	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	200	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	valnemulin	200	0	0,0	0	0,0	10,40000	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	50 µg / kg	4	0	0	0	0	0
B1	ampicilin	50 µg / kg	4	0	0	0	0	0
B1	benzylpenicilin	50 µg / kg	4	0	0	0	0	0
B1	cefquinom	50 µg / kg	4	0	0	0	0	0
B1	ceftiofur	1000 µg / kg	4	0	0	0	0	0
B1	cloxacilin	300 µg / kg	4	0	0	0	0	0
B1	danofloxacin	100 µg / kg	200	0	0	0	0	0
B1	dicloxacilin	300 µg / kg	4	0	0	0	0	0
B1	difloxacin	400 µg / kg	200	0	0	0	0	0
B1	dihydrostreptomycin	500 µg / kg	5	0	0	0	0	0
B1	enrofloxacin	100 µg / kg	200	0	0	0	0	0
B1	flumequine	200 µg / kg	200	0	0	0	0	0
B1	gentamycin	50 µg / kg	5	0	0	0	0	0
B1	oxolinic acid	100 µg / kg	200	0	0	0	0	0
B1	lincomycin	100 µg / kg	4	0	0	0	0	0
B1	marbofloxacin	150 µg / kg	200	0	0	0	0	0
B1	neomycin (incl. framycetin)	500 µg / kg	5	0	0	0	0	0
B1	oxacilin	300 µg / kg	4	0	0	0	0	0
B1	spectinomycin	300 µg / kg	3	0	0	0	0	0
B1	streptomycin	500 µg / kg	5	0	0	0	0	0
B1	sulfadiazine	100 µg / kg	200	0	0	0	0	0
B1	sulfadimethoxine	100 µg / kg	200	0	0	0	0	0
B1	sulfadimidine	100 µg / kg	200	0	0	0	0	0
B1	sulfadoxine	100 µg / kg	200	0	0	0	0	0
B1	sulfachlorpyridazine	100 µg / kg	200	0	0	0	0	0
B1	sulfamerazine	100 µg / kg	200	0	0	0	0	0
B1	sulfamethoxazole	100 µg / kg	200	0	0	0	0	0
B1	sulfamethoxydiazine	100 µg / kg	200	0	0	0	0	0
B1	sulfaquinoxaline	100 µg / kg	200	0	0	0	0	0
B1	sulfathiazole	100 µg / kg	200	0	0	0	0	0
B1	valnemulin	50 µg / kg	200	0	0	0	0	0

sows - muscle - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	Cefalexin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefalonium	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefazolin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefoperazon	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefquinom	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	ceftiofur	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cloxacilin	2	0	0,0	0	0,0	3,45000	n.d.	n.d.	3,45000	µg / kg
B1	dicloxacilin	2	0	0,0	0	0,0	8,75000	n.d.	n.d.	12,50000	µg / kg
B1	dihydrostreptomycin	4	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin	3	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	lincomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	nafcilin	2	0	0,0	0	0,0	8,75000	n.d.	n.d.	12,50000	µg / kg
B1	neomycin (incl. framycetin)	3	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	oxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	penicilin V	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	spectinomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	streptomycin	3	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	streptomycines	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	50 µg / kg	2	0	0	0	0	0
B1	ampicilin	50 µg / kg	2	0	0	0	0	0
B1	benzylpenicilin	50 µg / kg	2	0	0	0	0	0
B1	cefquinom	50 µg / kg	1	0	0	0	0	0
B1	ceftiofur	1000 µg / kg	1	0	0	0	0	0
B1	cloxacilin	300 µg / kg	2	0	0	0	0	0
B1	dicloxacilin	300 µg / kg	2	0	0	0	0	0
B1	dihydrostreptomycin	500 µg / kg	4	0	0	0	0	0
B1	gentamycin	50 µg / kg	3	0	0	0	0	0
B1	lincomycin	100 µg / kg	3	0	0	0	0	0
B1	neomycin (incl. framycetin)	500 µg / kg	3	0	0	0	0	0
B1	oxacilin	300 µg / kg	2	0	0	0	0	0
B1	spectinomycin	300 µg / kg	3	0	0	0	0	0
B1	streptomycin	500 µg / kg	3	0	0	0	0	0

sows - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	amoxicilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	ampicilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	benzylpenicilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	betalactams	200	0	0,0	1	0,5	0,00000	n.d.	n.d.	kvalit	
B1	Cefalexin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefalonium	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefazolin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	Cefoperazon	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cefquinom	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	ceftiofur	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cephapirin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	cloxacilin	4	0	0,0	0	0,0	3,83750	n.d.	n.d.	5,00000	µg / kg
B1	dicloxacilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	dihydrostreptomycin	5	5	100,0	5	100,0	1 630,00	1 372,00	2 487,80	2 795,00	µg / kg
B1	gentamycin	5	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	gentamycin, neomycin	200	1	0,5	1	0,5	0,00000	n.d.	n.d.	kvalit	
B1	lincomycin	5	0	0,0	0	0,0	35,00000	n.d.	n.d.	50,00000	µg / kg
B1	nafcilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	neomycin (incl. framycetin)	5	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	oxacilin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	penicilin V	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	residues of ihibitory substances	200	1	0,5	3	1,5	0,00000	n.d.	n.d.	kvalit	
B1	spectinomycin	5	0	0,0	0	0,0	31,00000	n.d.	n.d.	50,00000	µg / kg
B1	streptomycin	5	0	0,0	0	0,0	42,50000	n.d.	n.d.	50,00000	µg / kg
B1	streptomycines	200	10	5,0	5	2,5	48,13250	n.d.	n.d.	2 511,00	µg / kg
B1	tetracyclines	200	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	

analyte		hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
B1	amoxicilin	50 µg / kg	4	0	0	0	0	0
B1	ampicilin	50 µg / kg	4	0	0	0	0	0
B1	benzylpenicilin	50 µg / kg	4	0	0	0	0	0
B1	cefquinom	100 µg / kg	4	0	0	0	0	0
B1	ceftiofur	2000 µg / kg	4	0	0	0	0	0
B1	cloxacilin	300 µg / kg	4	0	0	0	0	0
B1	dicloxacilin	300 µg / kg	4	0	0	0	0	0
B1	dihydrostreptomycin	500 µg / kg	0	0	0	1	0	4
B1	gentamycin	200 µg / kg	5	0	0	0	0	0
B1	lincomycin	500 µg / kg	5	0	0	0	0	0
B1	neomycin (incl. framycetin)	500 µg / kg	5	0	0	0	0	0
B1	oxacilin	300 µg / kg	4	0	0	0	0	0
B1	spectinomycin	1000 µg / kg	5	0	0	0	0	0
B1	streptomycin	500 µg / kg	5	0	0	0	0	0

sows - liver - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
dihydrostreptomycin			
21.09.2011	Měřín	Nížkov	2027 µg / kg
12.04.2011	Starý Sedloňov	Čistá v Krkonoších	2795 µg / kg
09.02.2011	Český Těšín	Mysločovice	1361 µg / kg
14.09.2011	Hradištský Újezd	Mutěnin	595 µg / kg
02.03.2011	Mlýny u Choustníku	Předboř u Choustníku	1372 µg / kg

sows - liver - monitoring - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	amoxicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	ampicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	benzylpenicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	Cefalexin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	Cefalonium	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cefazolin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	Cefoperazon	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cefquinom	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	ceftiofur	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cloxacilin	2	0	0,0	0	0,0	3,45000	n.d.	n.d.	3,450	µg / kg
B1	dicloxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	dihydrostreptomycin	4	2	50,0	2	50,0	639,00	579,50	1 275,60	1347,000	µg / kg
B1	gentamycin	3	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	lincomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,000	µg / kg
B1	nafcilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	neomycin (incl. framycetin)	3	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,000	µg / kg
B1	oxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	penicilin V	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	spectinomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,000	µg / kg
B1	streptomycin	3	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,000	µg / kg
B1	streptomycines	3	0	0,0	0	0,0	10,83333	n.d.	n.d.	12,500	µg / kg
B3c	cadmium	3	3	100,0	0	0,0	0,06033	0,07000	0,07160	0,072	mg / kg
B3c	mercury	3	3	100,0	0	0,0	0,00687	0,00500	0,01108	0,013	mg / kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	amoxicilin	50 µg / kg	2	0	0	0	0	0
B1	ampicilin	50 µg / kg	2	0	0	0	0	0
B1	benzylpenicilin	50 µg / kg	2	0	0	0	0	0
B1	cefquinom	100 µg / kg	1	0	0	0	0	0
B1	ceftiofur	2000 µg / kg	1	0	0	0	0	0
B1	cloxacilin	300 µg / kg	2	0	0	0	0	0
B1	dicloxacilin	300 µg / kg	2	0	0	0	0	0
B1	dihydrostreptomycin	500 µg / kg	2	0	0	0	0	2
B1	gentamycin	200 µg / kg	3	0	0	0	0	0
B1	lincomycin	500 µg / kg	3	0	0	0	0	0
B1	neomycin (incl. framycetin)	500 µg / kg	3	0	0	0	0	0
B1	oxacilin	300 µg / kg	2	0	0	0	0	0
B1	spectinomycin	1000 µg / kg	3	0	0	0	0	0
B1	streptomycin	500 µg / kg	3	0	0	0	0	0
B3c	cadmium	0,5 mg / kg	3	0	0	0	0	0
B3c	mercury	0,01 mg / kg	1	1	0	1*	0	0

* compliant (within expanded uncertainty of measurement)

sows - liver - monitoring - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
dihydrostreptomycin			
23.05.2011	Bučovice	Sazovice	1109 µg / kg
23.05.2011	Bučovice	Sazovice	1347 µg / kg

sows - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	200	2	1,0	3	1,5	0,00000	n.d.	n.d.	kvalit	
B1	amoxicilin	5	3	60,0	3	60,0	394,40	56,00000	1 097,80	1677,000	µg / kg
B1	ampicilin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	benzylpenicilin	5	1	20,0	1	20,0	126,60	n.d.	369,80	613,000	µg / kg
B1	betalactams	200	1	0,5	4	2,0	0,00000	n.d.	n.d.	kvalit	
B1	Cefalexin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	Cefalonium	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cefazolin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	Cefoperazon	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cefquinom	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	ceftiofur	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cephapirin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cloxacilin	5	0	0,0	0	0,0	3,76000	n.d.	n.d.	5,000	µg / kg
B1	dicloxacilin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	dihydrostreptomycin	6	5	83,3	3	50,0	6 642,00	2 038,50	17 730,00	31118,000	µg / kg
B1	gentamycin	6	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	lincomycin	6	0	0,0	0	0,0	33,33333	n.d.	n.d.	50,000	µg / kg
B1	nafcilin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	neomycin (incl. framycetin)	6	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,000	µg / kg
B1	oxacilin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	penicilin V	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	residues of ihibitory substances	200	3	1,5	7	3,5	0,00000	n.d.	n.d.	kvalit	
B1	spectinomycin	6	0	0,0	0	0,0	33,33333	n.d.	n.d.	50,000	µg / kg
B1	streptomycin	6	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,000	µg / kg
B1	streptomycines	3	2	66,7	1	33,3	773,00	309,00	1 661,80	2000,000	µg / kg
B1	tetracyclines	200	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	

analyte	hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
B1 amoxicilin	50 µg / kg	2	0	0	1	0	2
B1 ampicilin	50 µg / kg	5	0	0	0	0	0
B1 benzylpenicilin	50 µg / kg	4	0	0	0	0	1
B1 cefquinom	200 µg / kg	4	0	0	0	0	0
B1 ceftiofur	6000 µg / kg	4	0	0	0	0	0
B1 cloxacilin	300 µg / kg	5	0	0	0	0	0
B1 dicloxacilin	300 µg / kg	5	0	0	0	0	0
B1 dihydrostreptomycin	1000 µg / kg	2	1	0	0	0	3
B1 gentamycin	750 µg / kg	6	0	0	0	0	0
B1 lincomycin	1500 µg / kg	6	0	0	0	0	0
B1 neomycin (incl. framycetin)	5000 µg / kg	6	0	0	0	0	0
B1 oxacilin	300 µg / kg	5	0	0	0	0	0
B1 spectinomycin	5000 µg / kg	6	0	0	0	0	0
B1 streptomycin	1000 µg / kg	6	0	0	0	0	0

sows - kidney - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
amoxicilin			
28.06.2011	Moravské Budějovice	Nové Syrovice	1677 µg / kg
22.03.2011	Polná	Zhoř u Jihlavy	56 µg / kg
25.07.2011	Hrabětice	Miroslav	229 µg / kg
benzylpenicilin			
12.04.2011	Starý Sedloňov	Čistá v Krkonoších	613 µg / kg
dihydrostreptomycin			
12.04.2011	Starý Sedloňov	Čistá v Krkonoších	31118 µg / kg
21.09.2011	Měřín	Nížkov	3527 µg / kg
02.03.2011	Mlýny u Choustníku	Předboř u Choustníku	4342 µg / kg

sows - kidney - monitoring - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	amoxicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	ampicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	benzylpenicilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	Cefalexin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	Cefalonium	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cefazolin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	Cefoperazon	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cefquinom	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	ceftiofur	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	cloxacilin	2	0	0,0	0	0,0	3,45000	n.d.	n.d.	3,450	µg / kg
B1	dicloxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	dihydrostreptomycin	4	2	50,0	2	50,0	397,00	320,00	805,60	898,000	µg / kg
B1	gentamycin	3	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,500	µg / kg
B1	lincomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,000	µg / kg
B1	nafcilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	neomycin (incl. framycetin)	3	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,000	µg / kg
B1	oxacilin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	penicilin V	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,000	µg / kg
B1	spectinomycin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,000	µg / kg
B1	streptomycin	3	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,000	µg / kg
B1	streptomycines	3	0	0,0	0	0,0	10,83333	n.d.	n.d.	12,500	µg / kg
B3c	cadmium	4	4	100,0	0	0,0	0,24600	0,25350	0,36080	0,395	mg / kg
B3c	mercury	4	4	100,0	2	50,0	0,02330	0,02375	0,03444	0,036	mg / kg

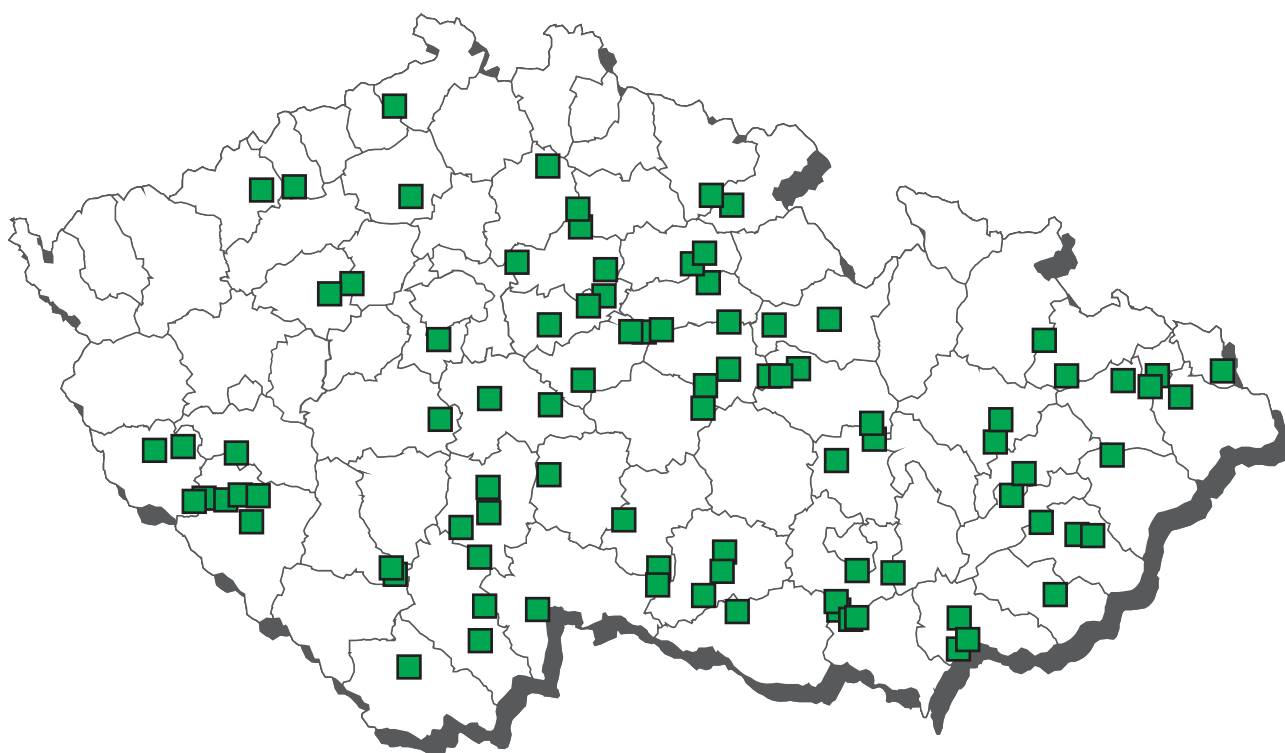
analyte		hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
B1	amoxicilin	50 µg / kg	2	0	0	0	0	0
B1	ampicilin	50 µg / kg	2	0	0	0	0	0
B1	benzylpenicilin	50 µg / kg	2	0	0	0	0	0
B1	cefquinom	200 µg / kg	1	0	0	0	0	0
B1	ceftiofur	6000 µg / kg	1	0	0	0	0	0
B1	cloxacilin	300 µg / kg	2	0	0	0	0	0
B1	dicloxacilin	300 µg / kg	2	0	0	0	0	0
B1	dihydrostreptomycin	1000 µg / kg	2	1	1	0	0	0
B1	gentamycin	750 µg / kg	3	0	0	0	0	0
B1	lincomycin	1500 µg / kg	3	0	0	0	0	0
B1	neomycin (incl. framycetin)	5000 µg / kg	3	0	0	0	0	0
B1	oxacilin	300 µg / kg	2	0	0	0	0	0
B1	spectinomycin	5000 µg / kg	3	0	0	0	0	0
B1	streptomycin	1000 µg / kg	3	0	0	0	0	0
B3c	cadmium	1 mg / kg	4	0	0	0	0	0
B3c	mercury	0,01 mg / kg	0	0	0	2*	0	2

* compliant (within expanded uncertainty of measurement)

sows - kidney - monitoring - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
mercury			
23.05.2011	Synčany	Synčany	0,0357 mg / kg
30.05.2011	Synčany	Synčany	0,0315 mg / kg

CL 2011 - sampling of chicken



Chicken - non-compliant results 2011



■ semduramicin - liver

● chloramphenikol - muscle

chicken - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	dienoestrol	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1	diethylstilbestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1	hexoestrol	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A2	methylthiouracil	25	0	0,0	0	0,0	2,39600	n.d.	n.d.	2,90000	µg / kg
A2	propylthiouracil	25	0	0,0	0	0,0	2,46200	n.d.	n.d.	3,05000	µg / kg
A2	tapazole	25	0	0,0	0	0,0	2,44000	n.d.	n.d.	3,00000	µg / kg
A2	thiouracil	25	0	0,0	0	0,0	2,44000	n.d.	n.d.	3,00000	µg / kg
A3	methyltestosterone	15	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A3	trenbolone	15	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A4	taleranol	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zearalanon	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zeranol	30	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A6	AHD	34	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6	AMAZ	34	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6	AOZ	34	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6	dimetridazole	34	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	HMMNI	34	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6	chloramphenikol	145	1	0,7	1	0,7	0,05103	n.d.	n.d.	0,30000	µg / kg
A6	metronidazole a MNZOH	34	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	MNZOH	34	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6	ronidazole	34	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	SEM	34	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1	betalactams	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	92	0	0,0	0	0,0	21,52174	n.d.	n.d.	25,00000	µg / kg
B1	difloxacin	92	0	0,0	0	0,0	21,52174	n.d.	n.d.	25,00000	µg / kg
B1	enrofloxacin	92	0	0,0	0	0,0	21,52174	n.d.	n.d.	25,00000	µg / kg
B1	flumequine	92	0	0,0	0	0,0	34,02174	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin, neomycin	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	92	0	0,0	0	0,0	21,52174	n.d.	n.d.	25,00000	µg / kg
B1	macrolides	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	marbofloxacin	92	0	0,0	0	0,0	21,52174	n.d.	n.d.	25,00000	µg / kg
B1	residues of ihibitory substances	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	92	0	0,0	0	0,0	12,06522	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	92	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	valnemulin	92	0	0,0	0	0,0	11,19565	n.d.	n.d.	12,50000	µg / kg
B2a	albendazole	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	fenbendazole	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	levamisole	27	0	0,0	0	0,0	3,05556	n.d.	n.d.	5,00000	µg / kg
B2a	mebendazole	14	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	oxfendazole	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	rafoxanid	14	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a	thiabendazole	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a	triclabendazole	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2c	aldicarb	23	0	0,0	0	0,0	0,00293	n.d.	n.d.	0,00500	mg / kg
B2c	carbofuran	23	0	0,0	0	0,0	0,00565	n.d.	n.d.	0,01000	mg / kg
B2c	cyhalothrin	23	0	0,0	0	0,0	0,00111	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	23	0	0,0	0	0,0	0,00141	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	23	0	0,0	0	0,0	0,00157	n.d.	n.d.	0,00250	mg / kg
B2c	methiocarb	23	0	0,0	0	0,0	0,00739	n.d.	n.d.	0,01500	mg / kg
B2c	methomyl	23	0	0,0	0	0,0	0,00565	n.d.	n.d.	0,01000	mg / kg
B2c	permethrin	23	0	0,0	0	0,0	0,00363	n.d.	n.d.	0,00500	mg / kg
B2c	propoxur	23	0	0,0	0	0,0	0,00565	n.d.	n.d.	0,01000	mg / kg
B2e	carprofen	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	diclofenac	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	flunixin	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	ibuprofen	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	mefenamic acid	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	meloxicam	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	oxyphenbutazone	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	phenylbutazone	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	tolfenamic acid	14	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	vedaprofen	14	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg

chicken - muscle - monitoring (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	18	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	18	1	5,6	0	0,0	0,00054	n.d.	n.d.	0,00300	mg / kg
B3a dieldrin	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a endrin	18	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a gama-HCH (lindan)	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	18	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg / kg
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	1,25467	0,95000	1,71000	1,90000	pg / g fat
B3a WHO-PCDD/F-TEQ	3	2	66,7	0	0,0	0,93517	0,84600	1,45720	1,61000	pg / g fat
B3c arsenic	19	0	0,0	0	0,0	0,00316	n.d.	n.d.	0,00500	mg / kg
B3c cadmium	19	1	5,3	0	0,0	0,00237	n.d.	n.d.	0,00600	mg / kg
B3c lead	19	1	5,3	0	0,0	0,00537	n.d.	n.d.	0,01200	mg / kg
B3c mercury	19	8	42,1	0	0,0	0,00065	n.d.	0,00100	0,00250	mg / kg
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	200 µg / kg	92	0	0	0	0	0
B1 difloxacin	300 µg / kg	92	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	92	0	0	0	0	0
B1 flumequine	400 µg / kg	92	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	92	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	92	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	92	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	92	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	92	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	92	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	92	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	92	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	92	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	92	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	92	0	0	0	0	0
B2a levamisole	10 µg / kg	27	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	23	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	23	0	0	0	0	0
B2c cyhalothrin	0,02 mg / kg	23	0	0	0	0	0
B2c cypermethrin	0,05 mg / kg	23	0	0	0	0	0
B2c deltamethrin	0,01 mg / kg	23	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	23	0	0	0	0	0
B2c methomyl	0,02 mg / kg	23	0	0	0	0	0
B2c permethrin	0,05 mg / kg	23	0	0	0	0	0
B2c propoxur	0,05 mg / kg	23	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	18	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	18	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	18	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	18	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	18	0	0	0	0	0
B3a endrin	0,01 mg / kg	18	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	18	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	18	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	18	0	0	0	0	0
B3a chlordan	0,05 mg / kg	18	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	21	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	4 pg WHO-PCDD/F-TEQ/g fat	3	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	2 pg WHO-PCDD/F-TEQ/g fat	2	0	1	0	0	0
B3c arsenic	0,1 mg / kg	19	0	0	0	0	0
B3c cadmium	0,05 mg / kg	19	0	0	0	0	0
B3c lead	0,1 mg / kg	19	0	0	0	0	0
B3c mercury	0,01 mg / kg	19	0	0	0	0	0

chicken - muscle - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
chloramphenikol			
25.10.2011	Líšno	Líšno	0,3 µg / kg

chicken - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 chloramphenikol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg

chicken - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	28	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	28	0	0,0	0	0,0	0,08036	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	28	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	28	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 clenpenterol	28	0	0,0	0	0,0	0,19018	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	28	0	0,0	0	0,0	0,14214	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	28	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	28	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	28	0	0,0	0	0,0	0,09804	n.d.	n.d.	0,10000	µg / kg
A5 isoxsuprine	28	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	28	0	0,0	0	0,0	0,08036	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	28	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	28	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	28	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	28	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	28	0	0,0	0	0,0	0,38036	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	28	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	28	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	28	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	28	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B1 betalactams	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	92	0	0,0	0	0,0	12,06522	n.d.	n.d.	12,50000	µg / kg
B1 tetracyclines	92	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	55	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b diclazuril	55	1	1,8	0	0,0	2,60000	n.d.	n.d.	60,50000	µg / kg
B2b halofuginone	55	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b lasalocid	55	0	0,0	0	0,0	1,95455	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	55	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	55	0	0,0	0	0,0	1,51818	n.d.	n.d.	2,50000	µg / kg
B2b narasin	55	2	3,6	0	0,0	1,67782	n.d.	n.d.	7,70000	µg / kg
B2b nicarbazin	55	31	56,4	0	0,0	166,57	2,88000	84,73000	7 158,00	µg / kg
B2b robenidin	55	0	0,0	0	0,0	1,51818	n.d.	n.d.	2,50000	µg / kg
B2b salinomycin	55	0	0,0	0	0,0	1,51818	n.d.	n.d.	2,50000	µg / kg
B2b semduramicin	55	2	3,6	2	3,6	1,11491	n.d.	n.d.	4,64000	µg / kg
B3c cadmium	19	18	94,7	0	0,0	0,00897	0,00800	0,01300	0,01700	mg / kg
B3c lead	19	3	15,8	0	0,0	0,01605	n.d.	0,01420	0,14700	mg / kg
B3c mercury	19	11	57,9	0	0,0	0,00081	0,00050	0,00144	0,00310	mg / kg
B3d aflatoxin B2	17	0	0,0	0	0,0	0,05441	n.d.	n.d.	0,07500	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	17	0	0,0	0	0,0	0,07824	n.d.	n.d.	0,10000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b diclazuril	1500 µg / kg	55	0	0	0	0	0
B2b lasalocid	100 µg / kg	55	0	0	0	0	0
B2b monensin	8 µg / kg	55	0	0	0	0	0
B2b narasin	50 µg / kg	55	0	0	0	0	0
B2b nicarbazin	15000 µg / kg	55	0	0	0	0	0
B2b robenidin	800 µg / kg	55	0	0	0	0	0
B2b salinomycin	5 µg / kg	55	0	0	0	0	0
B3c cadmium	0,5 mg / kg	19	0	0	0	0	0
B3c lead	0,5 mg / kg	19	0	0	0	0	0
B3c mercury	0,01 mg / kg	19	0	0	0	0	0
B3d aflatoxin B2	20 µg / kg	17	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	17	0	0	0	0	0

chicken - liver - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
semduramicin			
01.07.2011	Trhový Štěpánov	Čáslav	4,64 µg / kg
12.09.2011	Trhový Štěpánov	Poříčí over Sázavou	3,68 µg / kg

chicken - liver - suspect samples

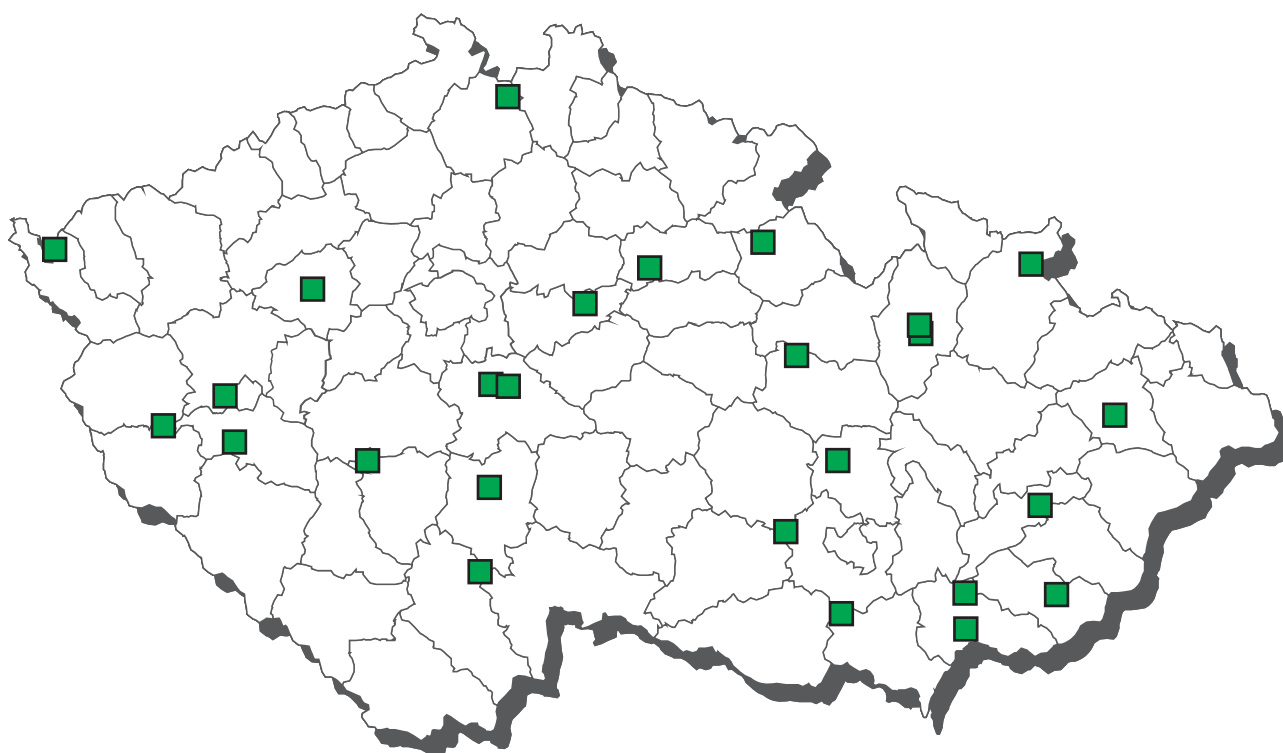
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b decoquinat	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b semduramicin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b monensin	8 µg / kg	1	0	0	0	0	0

chicken - serum - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 dimetridazole	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg / l
A6 HMMNI	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6 metronidazole a MNZOH	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg / l
A6 MNZOH	10	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg / l
A6 ronidazole	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / l

CL 2011 - sampling of hens



hens - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	dienoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1	hexoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A2	methylthiouracil	6	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,90000	µg / kg
A2	propylthiouracil	6	0	0,0	0	0,0	2,52500	n.d.	n.d.	3,05000	µg / kg
A2	tapazole	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	3,00000	µg / kg
A2	thiouracil	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	3,00000	µg / kg
A3	methyltestosterone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A3	trenbolone	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A4	taleralanol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zearalanon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zeranol	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A6	AHD	2	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6	AMOZ	2	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6	AOZ	2	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6	dimetridazole	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	HMMNI	4	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6	chloramphenikol	14	0	0,0	0	0,0	0,04821	n.d.	n.d.	0,05000	µg / kg
A6	metronidazole a MNZOH	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	MNZOH	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6	ronidazole	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	SEM	2	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1	betalactams	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	12	0	0,0	0	0,0	9,16667	n.d.	n.d.	10,00000	µg / kg
B1	enrofloxacin	12	0	0,0	0	0,0	7,08333	n.d.	n.d.	7,50000	µg / kg
B1	flumequine	12	0	0,0	0	0,0	2,91667	n.d.	n.d.	5,00000	µg / kg
B1	gentamycin, neomycin	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	12	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1	macrolides	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	residues of ihibitory substances	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	12	0	0,0	0	0,0	12,08333	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	valnemulin	12	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg / kg
B2a	levamisole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2c	aldicarb	8	0	0,0	0	0,0	0,00294	n.d.	n.d.	0,00500	mg / kg
B2c	carbofuran	8	0	0,0	0	0,0	0,00575	n.d.	n.d.	0,01000	mg / kg
B2c	cyhalothrin	8	0	0,0	0	0,0	0,00106	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	8	0	0,0	0	0,0	0,00138	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	8	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg / kg
B2c	methiocarb	8	0	0,0	0	0,0	0,00713	n.d.	n.d.	0,01500	mg / kg
B2c	methomyl	8	0	0,0	0	0,0	0,00575	n.d.	n.d.	0,01000	mg / kg
B2c	permethrin	8	0	0,0	0	0,0	0,00388	n.d.	n.d.	0,00500	mg / kg
B2c	propoxur	8	0	0,0	0	0,0	0,00575	n.d.	n.d.	0,01000	mg / kg
B2e	carprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	diclofenac	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	flunixin	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	ibuprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	mefenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	meloxicam	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	oxyphenbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	phenylbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	tolfenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a	alfa-HCH	8	0	0,0	0	0,0	0,00018	n.d.	n.d.	0,00050	mg / kg
B3a	beta-HCH	8	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg / kg
B3a	DDT (sum)	8	2	25,0	0	0,0	0,00066	n.d.	0,00118	0,00161	mg / kg
B3a	dieldrin	8	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg / kg
B3a	endosulfan - sum	8	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	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	0,00019	n.d.	n.d.	0,00050	mg / kg
B3a	heptachlor	8	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg / kg
B3a	hexachlorbenzen	8	0	0,0	0	0,0	0,00018	n.d.	n.d.	0,00050	mg / kg
B3a	chlordan	8	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a	sum PCB	8	1	12,5	0	0,0	0,00256	n.d.	0,00325	0,00500	mg / kg fat
B3c	arsenic	8	0	0,0	0	0,0	0,00281	n.d.	n.d.	0,00500	mg / kg
B3c	cadmium	8	1	12,5	0	0,0	0,00213	n.d.	0,00250	0,00250	mg / kg
B3c	lead	8	2	25,0	0	0,0	0,00675	n.d.	0,00980	0,02100	mg / kg
B3c	mercury	8	4	50,0	0	0,0	0,00099	0,00055	0,00263	0,00340	mg / kg

hens - muscle - monitoring (continuation)

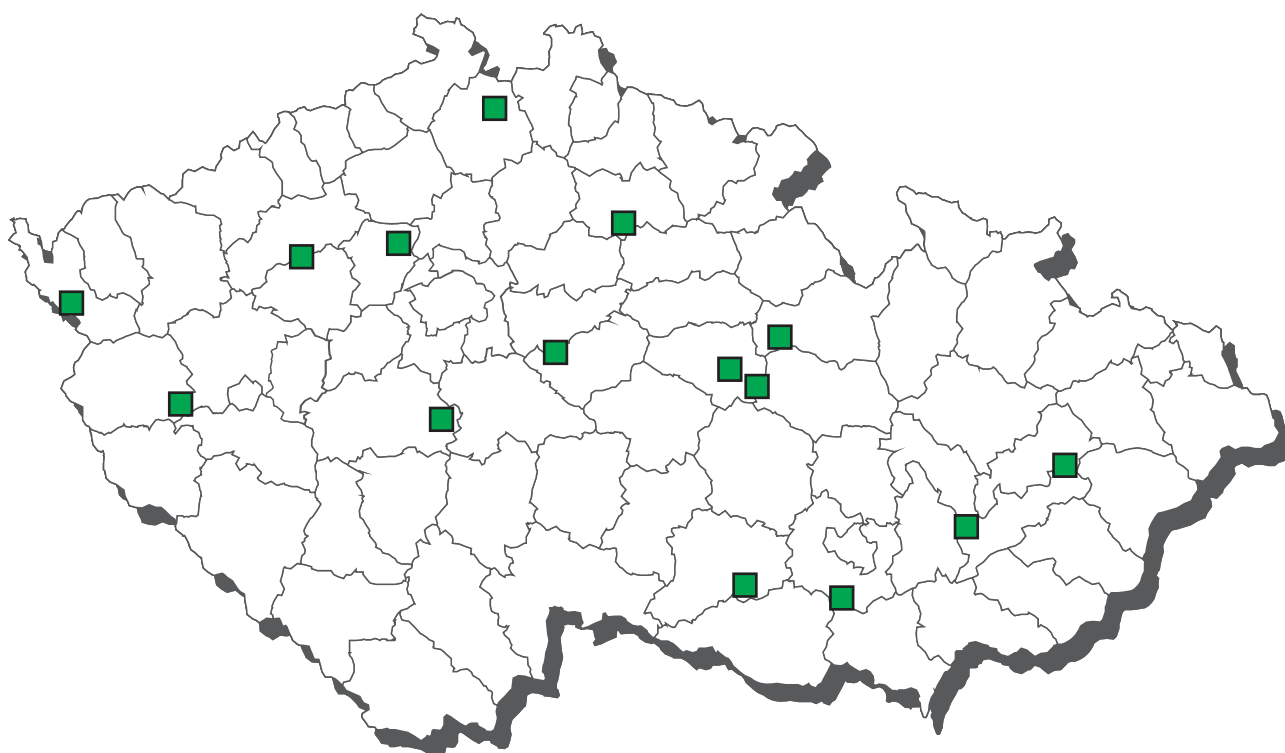
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a levamisole	10 µg / kg	2	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	8	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	8	0	0	0	0	0
B2c cyhalothrin	0,02 mg / kg	8	0	0	0	0	0
B2c cypermethrin	0,05 mg / kg	8	0	0	0	0	0
B2c deltamethrin	0,01 mg / kg	8	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	8	0	0	0	0	0
B2c methomyl	0,02 mg / kg	8	0	0	0	0	0
B2c permethrin	0,05 mg / kg	8	0	0	0	0	0
B2c propoxur	0,05 mg / kg	8	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	8	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	8	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	8	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	8	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	8	0	0	0	0	0
B3a endrin	0,01 mg / kg	8	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	8	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	8	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	8	0	0	0	0	0
B3a chlordan	0,05 mg / kg	8	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	8	0	0	0	0	0
B3c arsenic	0,1 mg / kg	8	0	0	0	0	0
B3c cadmium	0,05 mg / kg	8	0	0	0	0	0
B3c lead	0,1 mg / kg	8	0	0	0	0	0
B3c mercury	0,01 mg / kg	8	0	0	0	0	0

hens - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	3	0	0,0	0	0,0	0,06667	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	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	0,18333	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	3	0	0,0	0	0,0	0,13667	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	3	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	3	0	0,0	0	0,0	0,09667	n.d.	n.d.	0,10000	µg / kg
A5 isoxsuprine	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	3	0	0,0	0	0,0	0,06667	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	3	0	0,0	0	0,0	0,36667	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	3	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	3	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B2a abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2b decoquinat	21	0	0,0	0	0,0	1,85714	n.d.	n.d.	2,50000	µg / kg
B2b diclazuril	21	0	0,0	0	0,0	1,85714	n.d.	n.d.	2,50000	µg / kg
B2b halofuginone	21	0	0,0	0	0,0	1,85714	n.d.	n.d.	2,50000	µg / kg
B2b lasalocid	21	0	0,0	0	0,0	2,07143	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	21	0	0,0	0	0,0	1,07143	n.d.	n.d.	2,50000	µg / kg
B2b monensin	21	0	0,0	0	0,0	1,85714	n.d.	n.d.	2,50000	µg / kg
B2b narasin	21	0	0,0	0	0,0	1,85714	n.d.	n.d.	2,50000	µg / kg
B2b nicarbazin	21	1	4,8	0	0,0	2,05762	n.d.	n.d.	5,21000	µg / kg
B2b robenidin	21	0	0,0	0	0,0	1,85714	n.d.	n.d.	2,50000	µg / kg
B2b salinomycin	21	0	0,0	0	0,0	1,85714	n.d.	n.d.	2,50000	µg / kg
B2b semduramicin	21	0	0,0	0	0,0	1,07143	n.d.	n.d.	2,50000	µg / kg
B3c cadmium	8	8	100,0	0	0,0	0,12550	0,09700	0,22560	0,23400	mg / kg
B3c lead	8	1	12,5	0	0,0	0,01050	n.d.	0,01690	0,03300	mg / kg
B3c mercury	8	8	100,0	0	0,0	0,00221	0,00210	0,00328	0,00440	mg / kg
B3d aflatoxin B2	8	0	0,0	0	0,0	0,04688	n.d.	n.d.	0,07500	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	8	0	0,0	0	0,0	0,06750	n.d.	n.d.	0,10000	µg / kg

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

CL 2011 - sampling of turkeys



turkeys - muscle - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	dienoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1	hexoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A2	methylthiouracil	3	0	0,0	0	0,0	2,30000	n.d.	n.d.	2,90000	µg / kg
A2	propylthiouracil	3	0	0,0	0	0,0	2,35000	n.d.	n.d.	3,05000	µg / kg
A2	tapazole	3	0	0,0	0	0,0	2,33333	n.d.	n.d.	3,00000	µg / kg
A2	thiouracil	3	0	0,0	0	0,0	2,33333	n.d.	n.d.	3,00000	µg / kg
A3	methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A3	trenbolone	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A4	taleralanol	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zearalanon	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zeranol	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A6	AHD	2	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6	AMOZ	2	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6	AOZ	2	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6	dimetridazole	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	HMMNI	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6	chloramphenikol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6	metronidazole a MNZOH	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	MNZOH	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6	ronidazole	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	SEM	2	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1	betalactams	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	14	0	0,0	0	0,0	9,28571	n.d.	n.d.	25,00000	µg / kg
B1	difloxacin	14	0	0,0	0	0,0	9,28571	n.d.	n.d.	25,00000	µg / kg
B1	enrofloxacin	14	0	0,0	0	0,0	9,28571	n.d.	n.d.	25,00000	µg / kg
B1	flumequine	14	0	0,0	0	0,0	12,85714	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin, neomycin	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	14	0	0,0	0	0,0	9,28571	n.d.	n.d.	25,00000	µg / kg
B1	macrolides	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	marbofloxacin	14	0	0,0	0	0,0	9,28571	n.d.	n.d.	25,00000	µg / kg
B1	residues of ihibitory substances	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	14	0	0,0	0	0,0	10,53571	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	14	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	14	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	valnemulin	14	0	0,0	0	0,0	6,60714	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	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg / kg
B2c	carbofuran	3	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,01000	mg / kg
B2c	cyhalothrin	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	3	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	3	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg / kg
B2c	methiocarb	3	0	0,0	0	0,0	0,00633	n.d.	n.d.	0,01500	mg / kg
B2c	methomyl	3	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,01000	mg / kg
B2c	permethrin	3	0	0,0	0	0,0	0,00350	n.d.	n.d.	0,00500	mg / kg
B2c	propoxur	3	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,01000	mg / kg
B2e	carprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	diclofenac	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	flunixin	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	ibuprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	mefenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	meloxicam	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	oxyphenbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	phenylbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	tolfenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a	alfa-HCH	4	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg
B3a	beta-HCH	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a	DDT (sum)	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a	dieldrin	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a	endosulfan - sum	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	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	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a	heptachlor	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a	hexachlorbenzen	4	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg
B3a	chlordan	4	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a	sum PCB	4	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00250	mg / kg fat
B3c	arsenic	5	0	0,0	0	0,0	0,00350	n.d.	n.d.	0,00500	mg / kg
B3c	cadmium	5	0	0,0	0	0,0	0,00190	n.d.	n.d.	0,00250	mg / kg
B3c	lead	5	1	20,0	0	0,0	0,00720	n.d.	0,01160	0,01600	mg / kg
B3c	mercury	5	1	20,0	0	0,0	0,00046	n.d.	0,00068	0,00080	mg / kg

turkeys - muscle - monitoring (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	200 µg / kg	14	0	0	0	0	0
B1 difloxacin	300 µg / kg	14	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	14	0	0	0	0	0
B1 flumequine	400 µg / kg	14	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	14	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	14	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	14	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	14	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	14	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	14	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	14	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	14	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	14	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	14	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	14	0	0	0	0	0
B2a levamisole	10 µg / kg	2	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	3	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	3	0	0	0	0	0
B2c cyhalothrin	0,02 mg / kg	3	0	0	0	0	0
B2c cypermethrin	0,05 mg / kg	3	0	0	0	0	0
B2c deltamethrin	0,01 mg / kg	3	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	3	0	0	0	0	0
B2c methomyl	0,02 mg / kg	3	0	0	0	0	0
B2c permethrin	0,05 mg / kg	3	0	0	0	0	0
B2c propoxur	0,05 mg / kg	3	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	4	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	4	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	4	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	4	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	4	0	0	0	0	0
B3a endrin	0,01 mg / kg	4	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	4	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	4	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	4	0	0	0	0	0
B3a chlordan	0,05 mg / kg	4	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	4	0	0	0	0	0
B3c arsenic	0,1 mg / kg	5	0	0	0	0	0
B3c cadmium	0,05 mg / kg	5	0	0	0	0	0
B3c lead	0,1 mg / kg	5	0	0	0	0	0
B3c mercury	0,01 mg / kg	5	0	0	0	0	0

turkeys - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	cimaterol	3	0	0,0	0	0,0	0,08333	n.d.	n.d.	0,10000	µg / kg
A5	cimbuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5	clenbuterol	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	0,19167	n.d.	n.d.	0,20000	µg / kg
A5	clenproperol	3	0	0,0	0	0,0	0,14333	n.d.	n.d.	0,15000	µg / kg
A5	fenoterol	3	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,09833	n.d.	n.d.	0,10000	µg / kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5	mabuterol	3	0	0,0	0	0,0	0,08333	n.d.	n.d.	0,10000	µg / kg
A5	mapenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	ritodrin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	salbutamol	3	0	0,0	0	0,0	0,38333	n.d.	n.d.	0,40000	µg / kg
A5	salmeterol	3	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5	terbutalin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5	tulobuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5	zilpaterol	3	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B2b	decoquinat	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	diclazuril	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	halofuginone	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	lasalocid	9	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg / kg
B2b	maduramicin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	monensin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	narasin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	nicarbazin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	robenidin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	salinomycin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b	semduramicin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B3c	cadmium	5	5	100,0	0	0,0	0,05040	0,04900	0,07840	0,09600	mg / kg
B3c	lead	5	2	40,0	0	0,0	0,01860	n.d.	0,04140	0,06100	mg / kg
B3c	mercury	5	3	60,0	0	0,0	0,00168	0,00240	0,00250	0,00250	mg / kg
B3d	aflatoxin B2	5	0	0,0	0	0,0	0,05500	n.d.	n.d.	0,07500	µg / kg
B3d	aflatoxins (sum B1,B2,G1,G3)	5	0	0,0	0	0,0	0,07600	n.d.	n.d.	0,10000	µg / kg

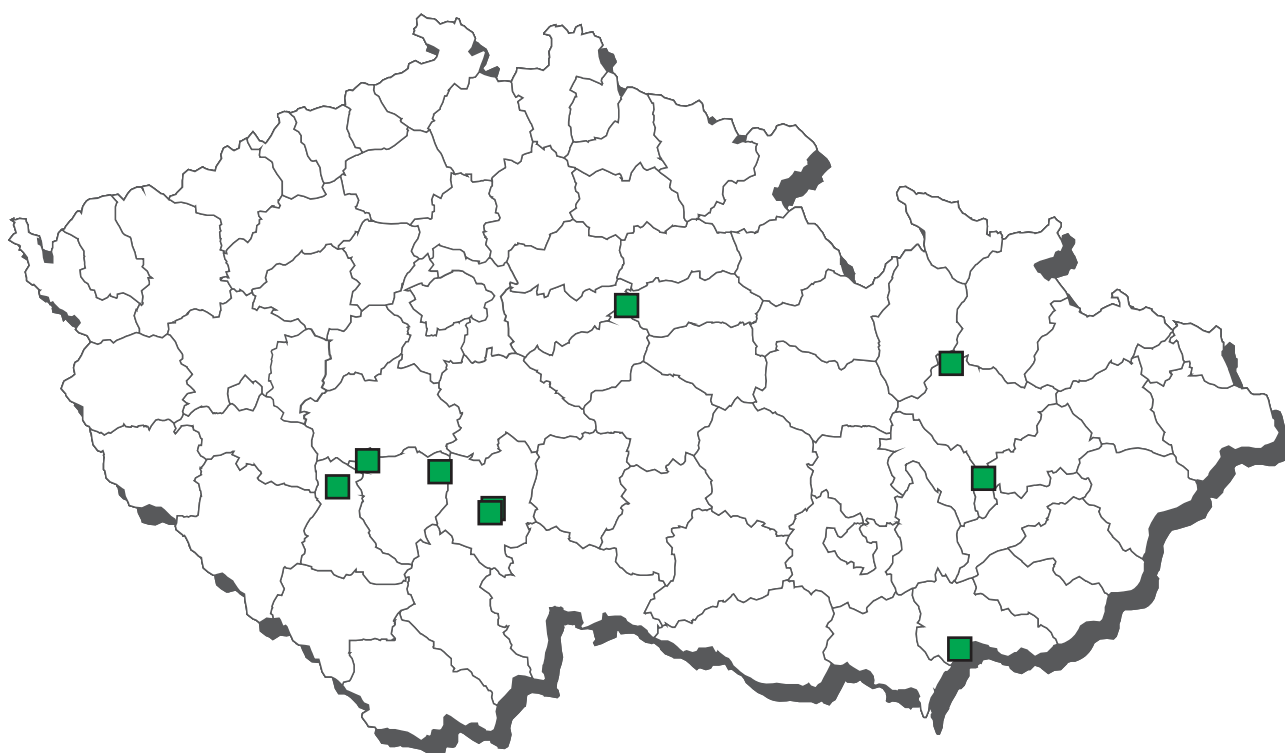
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	20 µg / kg	9	0	0	0	0	0
B2b	diclazuril	1500 µg / kg	9	0	0	0	0	0
B2b	lasalocid	100 µg / kg	9	0	0	0	0	0
B2b	monensin	8 µg / kg	9	0	0	0	0	0
B2b	narasin	50 µg / kg	9	0	0	0	0	0
B2b	nicarbazin	100 µg / kg	9	0	0	0	0	0
B2b	robenidin	400 µg / kg	9	0	0	0	0	0
B2b	salinomycin	5 µg / kg	9	0	0	0	0	0
B2b	semduramicin	2 µg / kg	9	0	0	0	0	0
B3c	cadmium	0,5 mg / kg	5	0	0	0	0	0
B3c	lead	0,5 mg / kg	5	0	0	0	0	0
B3c	mercury	0,01 mg / kg	5	0	0	0	0	0
B3d	aflatoxin B2	20 µg / kg	5	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	5	0	0	0	0	0

turkeys - liver - suspect samples

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b	maduramicin	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

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	salinomycin	5 µg / kg	1	0	0	0	0	0

CL 2011 - sampling of waterfowl



waterfowl - muscle - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	dienoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1	hexoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A2	methylthiouracil	2	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,90000	µg / kg
A2	propylthiouracil	2	0	0,0	0	0,0	2,52500	n.d.	n.d.	3,05000	µg / kg
A2	tapazole	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	3,00000	µg / kg
A2	thiouracil	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	3,00000	µg / kg
A3	methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A3	trenbolone	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A4	taleralanol	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zearalanon	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4	zeranol	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A6	AHD	3	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6	AMOZ	3	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6	AOZ	3	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6	dimetridazole	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	HMMNI	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6	chloramphenikol	11	0	0,0	0	0,0	0,04773	n.d.	n.d.	0,05000	µg / kg
A6	metronidazole a MNZOH	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	MNZOH	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6	ronidazole	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6	SEM	3	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1	betalactams	13	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	13	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	difloxacin	13	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	enrofloxacin	13	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	flumequine	13	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg / kg
B1	gentamycin, neomycin	13	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	13	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	13	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	macrolides	13	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	marbofloxacin	13	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1	residues of ihibitory substances	13	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	13	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	13	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	13	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	valnemulin	13	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg / kg
B2a	levamisole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2c	aldicarb	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg
B2c	carbofuran	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg / kg
B2c	cyhalothrin	4	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B2c	cypermethrin	4	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B2c	deltamethrin	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg fat
B2c	methiocarb	4	0	0,0	0	0,0	0,01500	n.d.	n.d.	0,01500	mg / kg
B2c	methomyl	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg / kg
B2c	permethrin	4	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B2c	propoxur	4	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg / kg
B2e	carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00200	mg / kg fat
B3a	beta-HCH	3	0	0,0	0	0,0	0,00117	n.d.	n.d.	0,00150	mg / kg fat
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00117	n.d.	n.d.	0,00150	mg / kg fat
B3a	dieldrin	3	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00200	mg / kg fat
B3a	endosulfan - sum	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	endrin	3	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00200	mg / kg fat
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00083	n.d.	n.d.	0,00100	mg / kg fat
B3a	heptachlor	3	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg / kg fat
B3a	hexachlorbenzen	3	0	0,0	0	0,0	0,00083	n.d.	n.d.	0,00100	mg / kg fat
B3a	chlordan	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a	sum PCB	3	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg / kg fat
B3c	arsenic	3	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B3c	cadmium	3	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B3c	lead	3	1	33,3	0	0,0	0,00900	n.d.	0,01460	0,01700	mg / kg
B3c	mercury	3	1	33,3	0	0,0	0,00083	n.d.	0,00172	0,00210	mg / kg

waterfowl - muscle - monitoring (continuation)

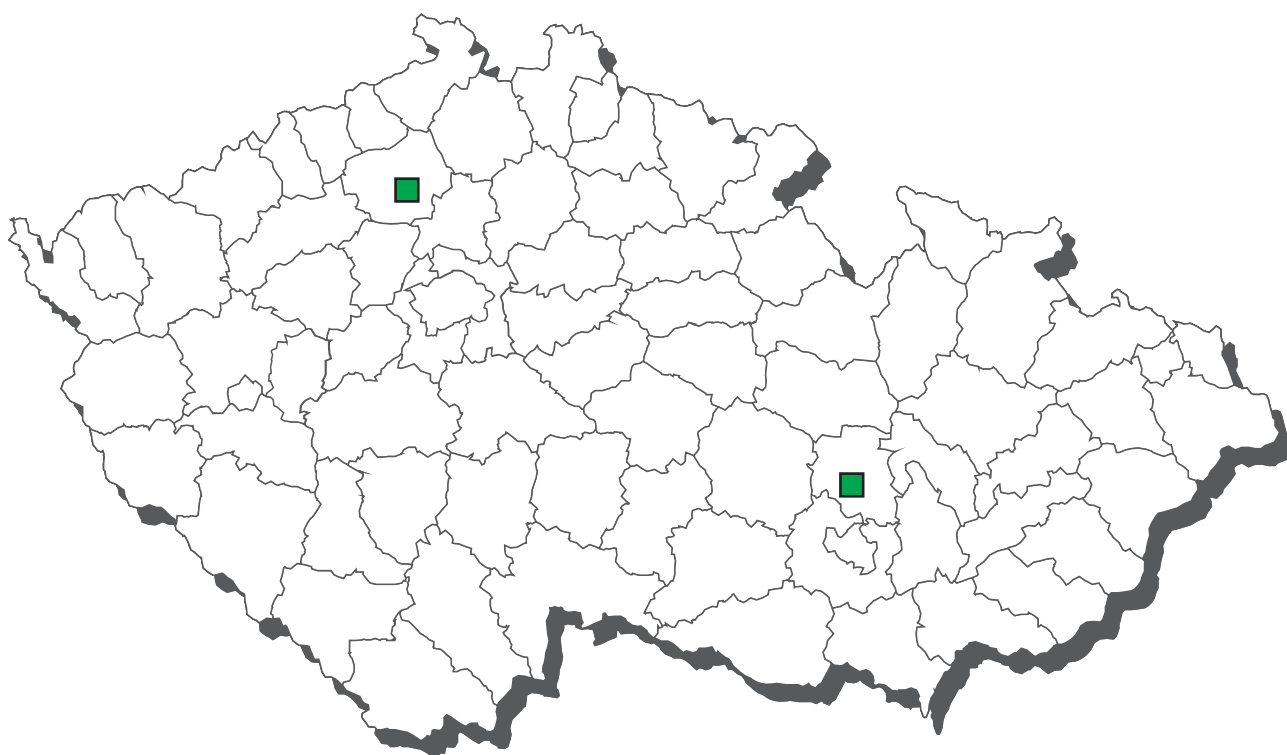
analyte			hygienic limit (HL)		under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	200 µg / kg	13	0	0	0	0	0	0	0
B1	difloxacin	300 µg / kg	13	0	0	0	0	0	0	0
B1	enrofloxacin	100 µg / kg	13	0	0	0	0	0	0	0
B1	flumequine	400 µg / kg	13	0	0	0	0	0	0	0
B1	oxolinic acid	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfadiazine	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfadimethoxine	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfadimidine	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfadoxine	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfachlorpyridazine	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfamerazine	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfamethoxazole	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfamethoxydiazine	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfaquinoxaline	100 µg / kg	13	0	0	0	0	0	0	0
B1	sulfathiazole	100 µg / kg	13	0	0	0	0	0	0	0
B2a	levamisole	10 µg / kg	3	0	0	0	0	0	0	0
B2c	aldicarb	0,01 mg / kg	4	0	0	0	0	0	0	0
B2c	carbofuran	0,1 mg / kg	4	0	0	0	0	0	0	0
B2c	cyhalothrin	0,02 mg / kg	4	0	0	0	0	0	0	0
B2c	cypermethrin	0,05 mg / kg	4	0	0	0	0	0	0	0
B2c	deltamethrin	0,1 mg / kg fat	4	0	0	0	0	0	0	0
B2c	methiocarb	0,05 mg / kg	4	0	0	0	0	0	0	0
B2c	methomyl	0,02 mg / kg	4	0	0	0	0	0	0	0
B2c	permethrin	0,05 mg / kg	4	0	0	0	0	0	0	0
B2c	propoxur	0,05 mg / kg	4	0	0	0	0	0	0	0
B3a	alfa-HCH	0,2 mg / kg fat	3	0	0	0	0	0	0	0
B3a	beta-HCH	0,1 mg / kg fat	3	0	0	0	0	0	0	0
B3a	DDT (sum)	1 mg / kg fat	3	0	0	0	0	0	0	0
B3a	dieldrin	0,2 mg / kg fat	3	0	0	0	0	0	0	0
B3a	endosulfan - sum	0,05 mg / kg	3	0	0	0	0	0	0	0
B3a	endrin	0,05 mg / kg fat	3	0	0	0	0	0	0	0
B3a	gama-HCH (lindan)	0,02 mg / kg fat	3	0	0	0	0	0	0	0
B3a	heptachlor	0,2 mg / kg fat	3	0	0	0	0	0	0	0
B3a	hexachlorbenzen	0,2 mg / kg fat	3	0	0	0	0	0	0	0
B3a	chlordan	0,05 mg / kg	3	0	0	0	0	0	0	0
B3a	sum PCB	0,2 mg / kg fat	3	0	0	0	0	0	0	0
B3c	arsenic	0,1 mg / kg	3	0	0	0	0	0	0	0
B3c	cadmium	0,05 mg / kg	3	0	0	0	0	0	0	0
B3c	lead	0,1 mg / kg	3	0	0	0	0	0	0	0
B3c	mercury	0,01 mg / kg	3	0	0	0	0	0	0	0

waterfowl - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	cimaterol	3	0	0,0	0	0,0	0,06667	n.d.	n.d.	0,10000	µg / kg
A5	cimbuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5	clenbuterol	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	0,18333	n.d.	n.d.	0,20000	µg / kg
A5	clenproperol	3	0	0,0	0	0,0	0,13667	n.d.	n.d.	0,15000	µg / kg
A5	fenoterol	3	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,09667	n.d.	n.d.	0,10000	µg / kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5	mabuterol	3	0	0,0	0	0,0	0,06667	n.d.	n.d.	0,10000	µg / kg
A5	mapenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	ritodrin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5	salbutamol	3	0	0,0	0	0,0	0,36667	n.d.	n.d.	0,40000	µg / kg
A5	salmeterol	3	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5	terbutalin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5	tulobuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5	zilpaterol	3	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	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	1,00000	n.d.	n.d.	1,00000	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	1,60909	n.d.	2,60000	6,10000	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	3	3	100,0	0	0,0	0,17500	0,18500	0,18820	0,18900	mg / kg
B3c	lead	3	1	33,3	0	0,0	0,00933	n.d.	0,01540	0,01800	mg / kg
B3c	mercury	3	3	100,0	0	0,0	0,00080	0,00070	0,00094	0,00100	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	0,09333	n.d.	n.d.	0,10000	µg / kg

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

CL 2011 - sampling of ostriches



ostriches - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1 hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A2 methylthiouracil	1	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg / kg
A2 propylthiouracil	1	0	0,0	0	0,0	3,05000	n.d.	n.d.	3,05000	µg / kg
A2 tapazole	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
A2 thiouracil	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
A3 17-beta-trenbolonee	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A3 trenbolone	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A6 AHD	1	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	1	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	1	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 SEM	1	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	25,00000	µg / kg
B1 gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	25,00000	µg / kg
B1 macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	7	0	0,0	0	0,0	11,07143	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.	kvalit	
B2a albendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a fenbendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a levamisole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a mebendazole	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a oxfendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a rafoxanid	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a thiabendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a triclabendazole	5	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	0,00200	n.d.	n.d.	0,00250	mg / kg
B2c carbofuran	3	0	0,0	0	0,0	0,00367	n.d.	n.d.	0,00500	mg / kg
B2c cyhalothrin	3	0	0,0	0	0,0	0,00117	n.d.	n.d.	0,00150	mg / kg
B2c cypermethrin	3	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg / kg
B2c deltamethrin	3	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg / kg
B2c methiocarb	3	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,00500	mg / kg
B2c methomyl	3	0	0,0	0	0,0	0,00367	n.d.	n.d.	0,00500	mg / kg
B2c permethrin	3	0	0,0	0	0,0	0,00383	n.d.	n.d.	0,00500	mg / kg
B2c propoxur	3	0	0,0	0	0,0	0,00367	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 alfa-HCH	5	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	5	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	5	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	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	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	5	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	5	0	0,0	0	0,0	0,00029	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	1	20,0	0	0,0	0,00620	n.d.	0,01540	0,02400	mg / kg fat
B3c cadmium	4	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg / kg
B3c lead	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg
B3c mercury	4	2	50,0	0	0,0	0,00065	0,00050	0,00092	0,00110	mg / kg

ostriches - muscle - monitoring (continuation)

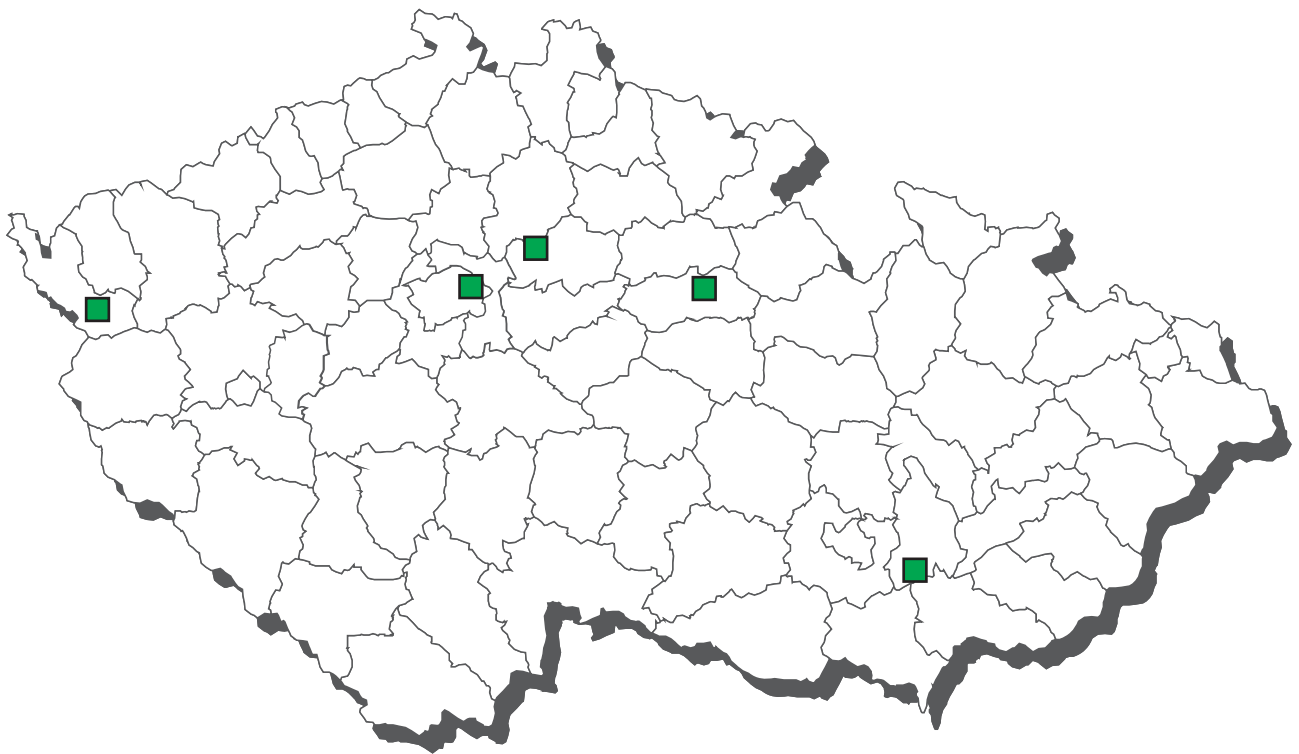
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	7	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	7	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	7	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	7	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	7	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	7	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	7	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	7	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	7	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	7	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	7	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	7	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	7	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	3	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	3	0	0	0	0	0
B2c cyhalothrin	0,05 mg / kg	3	0	0	0	0	0
B2c cypermethrin	0,02 mg / kg	3	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	3	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	3	0	0	0	0	0
B2c methomyl	0,02 mg / kg	3	0	0	0	0	0
B2c permethrin	0,05 mg / kg	3	0	0	0	0	0
B2c propoxur	0,05 mg / kg	3	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	5	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	5	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	5	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	5	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	5	0	0	0	0	0
B3a endrin	0,01 mg / kg	5	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	5	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	5	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	5	0	0	0	0	0
B3a chlordan	0,05 mg / kg	5	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	5	0	0	0	0	0
B3c cadmium	0,1 mg / kg	4	0	0	0	0	0
B3c lead	0,1 mg / kg	4	0	0	0	0	0
B3c mercury	0,01 mg / kg	4	0	0	0	0	0

ostriches - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	3	0	0,0	0	0,0	0,08333	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	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	0,19167	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	3	0	0,0	0	0,0	0,14333	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	3	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	3	0	0,0	0	0,0	0,09833	n.d.	n.d.	0,10000	µg / kg
A5 isoxsuprine	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	3	0	0,0	0	0,0	0,08333	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	3	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	3	0	0,0	0	0,0	0,38333	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	3	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	3	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B2a abamectin	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a doramectin	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a emamectin	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a eprinomectin	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a ivermectin	4	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a moxidectin	4	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	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	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	2,50000	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b narasin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b nicarbazin	5	1	20,0	0	0,0	7,94000	n.d.	21,82000	35,70000	µg / kg
B2b robenidin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	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%
B2b decoquinat	20 µg / kg	5	0	0	0	0	0
B2b diclazuril	40 µg / kg	5	0	0	0	0	0
B2b halofuginone	30 µg / kg	5	0	0	0	0	0
B2b lasalocid	50 µg / kg	5	0	0	0	0	0
B2b maduramicin	2 µg / kg	5	0	0	0	0	0
B2b monensin	8 µg / kg	5	0	0	0	0	0
B2b narasin	50 µg / kg	5	0	0	0	0	0
B2b nicarbazin	100 µg / kg	5	0	0	0	0	0
B2b robenidin	50 µg / kg	5	0	0	0	0	0
B2b salinomycin	5 µg / kg	5	0	0	0	0	0
B2b semduramicin	2 µg / kg	5	0	0	0	0	0

CL 2011 - sampling of quails



quails - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	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 gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1 macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a albendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a fenbendazole	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	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a mebendazole	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a oxfendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a rafoxanid	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a thiabendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a triclabendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B3c cadmium	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3c lead	2	1	50,0	0	0,0	0,00750	0,00750	0,00950	0,01000	mg / kg
B3c mercury	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg

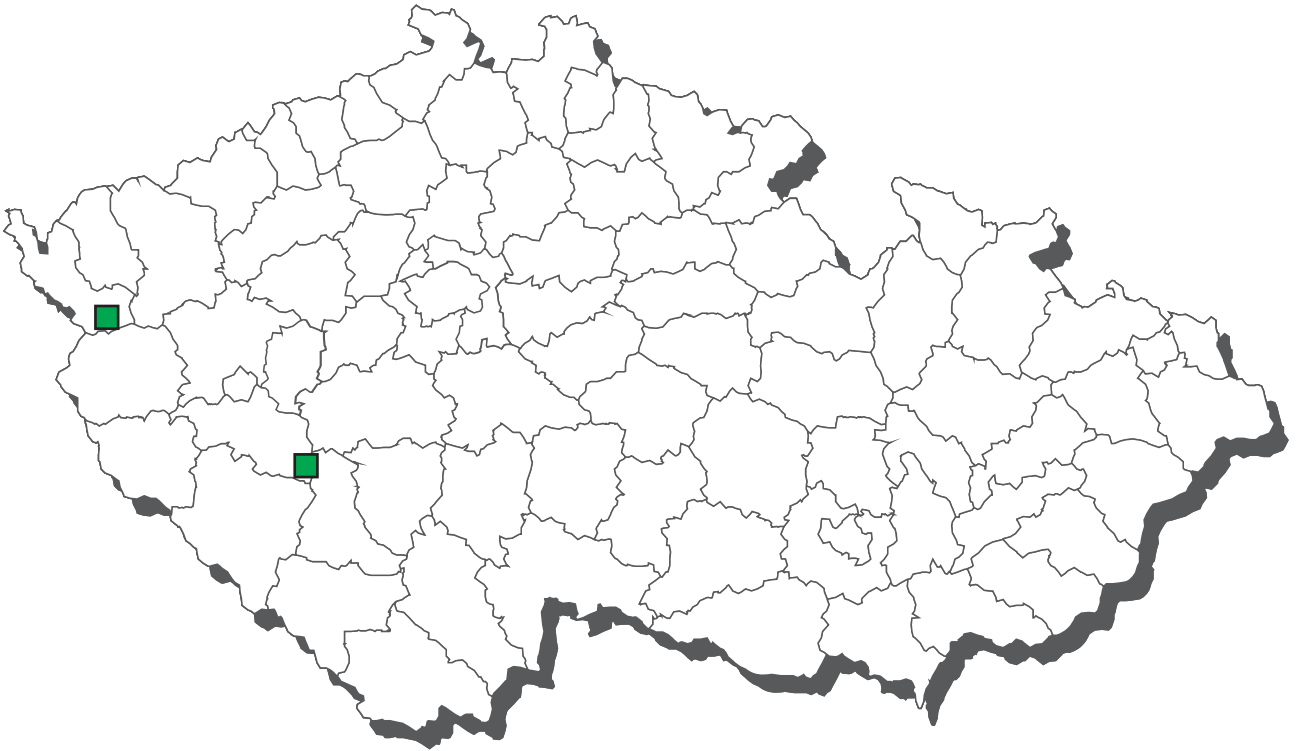
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	2	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	2	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	2	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	2	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	2	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	2	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	2	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	2	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	2	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	2	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	2	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	2	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	2	0	0	0	0	0
B3c cadmium	0,1 mg / kg	2	0	0	0	0	0
B3c lead	0,1 mg / kg	2	0	0	0	0	0
B3c mercury	0,01 mg / kg	2	0	0	0	0	0

quails - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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%
B2b decoquinat	20 µg / kg	2	0	0	0	0	0
B2b diclazuril	40 µg / kg	2	0	0	0	0	0
B2b halofuginone	30 µg / kg	2	0	0	0	0	0
B2b lasalocid	100 µg / kg	2	0	0	0	0	0
B2b maduramicin	2 µg / kg	2	0	0	0	0	0
B2b monensin	8 µg / kg	2	0	0	0	0	0
B2b narasin	50 µg / kg	2	0	0	0	0	0
B2b nicarbazin	100 µg / kg	2	0	0	0	0	0
B2b robenidin	50 µg / kg	2	0	0	0	0	0
B2b salinomycin	5 µg / kg	2	0	0	0	0	0
B2b semduramicin	2 µg / kg	2	0	0	0	0	0

CL 2011 - sampling of rabbits



Rabbits - non-compliant results 2011



■ robenidin - liver

▲ tulathromycin - muscle

rabbits - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dionoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1 hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A2 methylthiouracil	1	0	0,0	0	0,0	2,90000	n.d.	n.d.	2,90000	µg / kg
A2 propylthiouracil	1	0	0,0	0	0,0	3,05000	n.d.	n.d.	3,05000	µg / kg
A2 tapazole	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
A2 thiouracil	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
A3 trenbolone	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A4 taleranol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4 zearalanon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
A4 zeranol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg / kg
A6 AHD	2	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	2	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	2	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 dimetridazole	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 HMMNI	2	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 MNZOH	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 SEM	2	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	12	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	12	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg / kg
B1 erytromycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 gentamycin, neomycin	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 josamycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 oxolinic acid	12	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg / kg
B1 macrolides	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 spiramycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 streptomycines	12	0	0,0	0	0,0	116,67	n.d.	n.d.	250,00	µg / kg
B1 sulfadiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimethoxine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimidine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadoxine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfachlorpyridazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamerazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxydiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfaquinoxaline	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfathiazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 tetracyclines	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tulathromycin	1	1	100,0	1	100,0	456,00	456,00	456,00	456,00	µg / kg
B1 tylosin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tilmicosin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B2a albendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a fenbendazole	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	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a mebendazole	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a oxfendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a rafoxanid	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a thiabendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a tricloabendazole	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	0,00500	n.d.	n.d.	0,00500	mg / kg
B2c carbofuran	1	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg / kg
B2c cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B2c cypermethrin	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B2c deltamethrin	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	0,01500	n.d.	n.d.	0,01500	mg / kg
B2c methomyl	1	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg / kg
B2c permethrin	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg / kg
B2c propoxur	1	0	0,0	0	0,0	0,01000	n.d.	n.d.	0,01000	mg / kg
B2e carprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e diclofenac	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e flunixin	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e ibuprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e mefenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e meloxicam	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e oxyphenbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e phenylbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e tolfenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a 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

rabbits - muscle - monitoring (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a DDT (sum)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a dieldrin	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	0,00015	n.d.	n.d.	0,00015	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	0,00015	n.d.	n.d.	0,00015	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	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a sum PCB	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	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	2	100,0	0	0,0	0,00130	0,00130	0,00130	0,00130	mg / kg

analyte	hygienic mit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	12	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	12	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	12	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	12	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	12	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	12	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	12	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	12	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	12	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	12	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	12	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	12	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	12	0	0	0	0	0
B1 tylosin	100 µg / kg	1	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	1	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	1	0	0	0	0	0
B2c cyhalothrin	0,05 mg / kg	1	0	0	0	0	0
B2c cypermethrin	0,02 mg / kg	1	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	1	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	1	0	0	0	0	0
B2c methomyl	0,02 mg / kg	1	0	0	0	0	0
B2c permethrin	0,05 mg / kg	1	0	0	0	0	0
B2c propoxur	0,05 mg / kg	1	0	0	0	0	0
B2e meloxicam	20 µg / kg	2	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	1	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	1	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	1	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	1	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	1	0	0	0	0	0
B3a endrin	0,01 mg / kg	1	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	1	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	1	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	1	0	0	0	0	0
B3a chlordan	0,05 mg / kg	1	0	0	0	0	0
B3a sum PCB	1 mg / kg	1	0	0	0	0	0
B3c cadmium	0,05 mg / kg	2	0	0	0	0	0
B3c lead	0,1 mg / kg	2	0	0	0	0	0
B3c mercury	0,01 mg / kg	2	0	0	0	0	0

rabbits - muscle - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
tulathromycin			
16.05.2011	Velká Hleďsebe	Velká Hleďsebe	456 µg / kg

rabbits - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 erythromycin	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 josamycin	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 spiramycin	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tilmicosin	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tulathromycin	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg
B1 tylosin	2	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 erythromycin	200 µg / kg	2	0	0	0	0	0
B1 tilmicosin	50 µg / kg	2	0	0	0	0	0
B1 tylosin	100 µg / kg	2	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	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A5 cimbuterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	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	0,17500	n.d.	n.d.	0,17500	µg / kg
A5 clenproperol	1	0	0,0	0	0,0	0,13000	n.d.	n.d.	0,13000	µg / kg
A5 fenoterol	1	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,09500	n.d.	n.d.	0,09500	µg / kg
A5 isoxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A5 mapenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A5 salmeterol	1	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	1	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B2a abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a doramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2b decoquinat	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b diclazuril	9	1	11,1	0	0,0	35,00000	n.d.	62,20000	307,00	µg / kg
B2b halofuginone	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b lasalocid	9	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b narasin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b nicarbazine	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b robenidin	9	1	11,1	1	11,1	1,92444	n.d.	2,66400	9,32000	µg / kg
B2b salinomycin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b semduramicin	9	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg

rabbits - liver - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
robenidin*			
20.02.2011	Velká Hleďsebe - Cheb	Velká Hleďsebe	9,32 µg / kg

* non-compliant result before the limit came into force

rabbits - liver - suspect samples

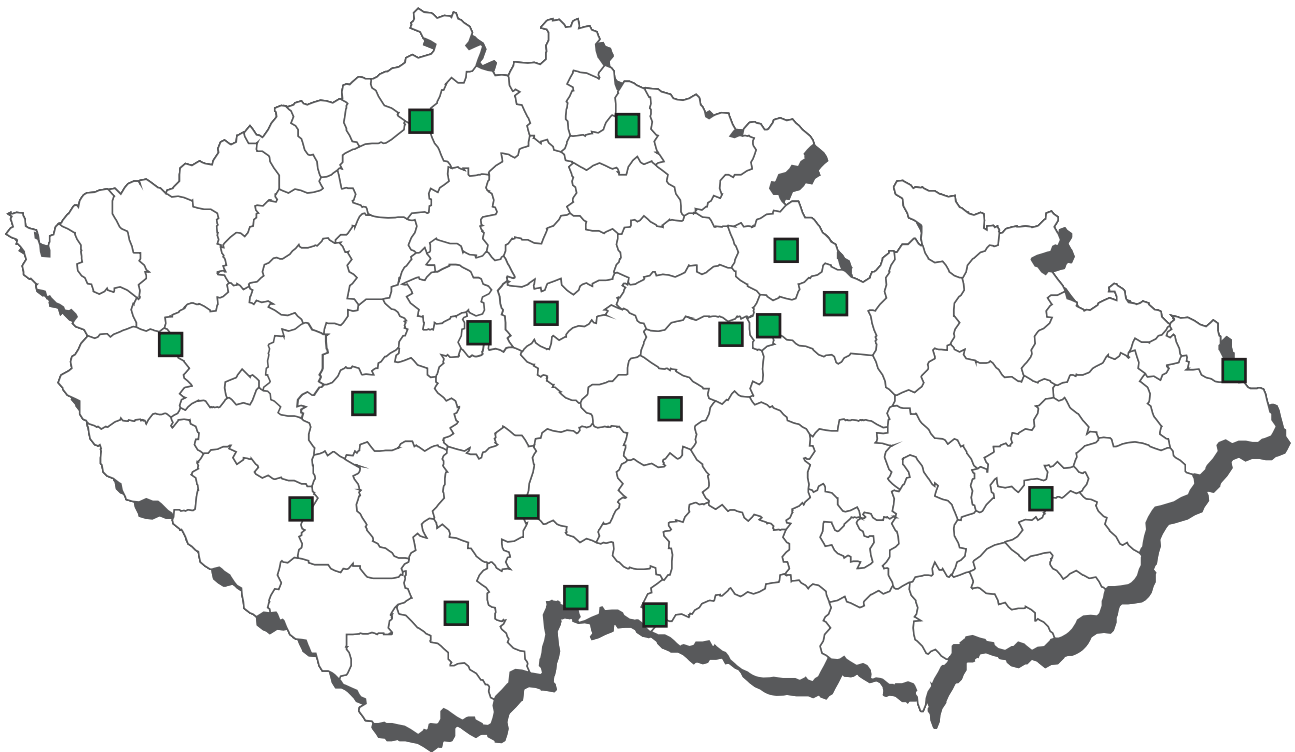
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a	ivermectin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg
B2b	robenidin	3	2	66,7	2	66,7	2,60333	2,28000	4,08000	4,53000	µg / kg

rabbits - liver - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
robenidin*			
20.03.2011	Velká Hleďsebe	Velká Hleďsebe	4,53 µg / kg
03.04.2011	Velká Hleďsebe	Velká Hleďsebe	2,28 µg / kg

* non-compliant result before the limit came into force

CL 2011 - sampling of horses



Horses - non-compliant results 2011



■ cadmium - liver and kidney

▲ oxyphenbutazone - muscle

● phenylbutazone - muscle

horses - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	chloramphenikol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	danofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg / kg
B1	difloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg / kg
B1	enrofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg / kg
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	oxolinic acid	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg / kg
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	streptomycines	2	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg / kg
B1	sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfadoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a	oxfendazole	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	0,00100	n.d.	n.d.	0,00100	mg / kg
B2c	carbofuran	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B2c	cyhalothrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg
B2c	cypermethrin	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B2c	deltamethrin	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B2c	methiocarb	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg
B2c	methomyl	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
B2c	propoxur	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B2e	carprofen	3	0	0,0	0	0,0	2,08333	n.d.	n.d.	2,50000	µg / kg
B2e	diclofenac	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	flunixin	3	0	0,0	0	0,0	2,08333	n.d.	n.d.	2,50000	µg / kg
B2e	ibuprofen	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	mefenamic acid	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	meloxicam	3	0	0,0	0	0,0	2,08333	n.d.	n.d.	2,50000	µg / kg
B2e	oxyphenbutazone	3	1	33,3	1	33,3	19,87333	n.d.	45,94600	57,12000	µg / kg
B2e	phenylbutazone	3	1	33,3	1	33,3	7,22667	n.d.	15,59400	19,18000	µg / kg
B2e	tolfenamic acid	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e	vedaprofen	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / 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	dieldrin	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	0,00015	n.d.	n.d.	0,00015	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	0,00015	n.d.	n.d.	0,00015	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	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a	sum PCB	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg / kg fat
B3c	arsenic	1	1	100,0	0	0,0	0,00700	0,00700	0,00700	0,00700	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	0,00170	0,00170	0,00170	0,00170	mg / kg

horses - muscle - monitoring (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	2	0	0	0	0	0
B1 difloxacin	300 µg / kg	2	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	2	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	2	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	2	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	2	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	2	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	2	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	2	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	2	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	2	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	2	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	2	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	2	0	0	0	0	0
B2a oxfendazole	50 µg / kg	1	0	0	0	0	0
B2c aldicarb	0,01 mg / kg	1	0	0	0	0	0
B2c carbofuran	0,1 mg / kg	1	0	0	0	0	0
B2c cyhalothrin	0,05 mg / kg	1	0	0	0	0	0
B2c cypermethrin	0,02 mg / kg	1	0	0	0	0	0
B2c deltamethrin	0,05 mg / kg	1	0	0	0	0	0
B2c methiocarb	0,05 mg / kg	1	0	0	0	0	0
B2c methomyl	0,02 mg / kg	1	0	0	0	0	0
B2c permethrin	0,05 mg / kg	1	0	0	0	0	0
B2c propoxur	0,05 mg / kg	1	0	0	0	0	0
B2e carprofen	500 µg / kg	3	0	0	0	0	0
B2e flunixin	10 µg / kg	3	0	0	0	0	0
B2e meloxicam	20 µg / kg	3	0	0	0	0	0
B2e vedaprofen	50 µg / kg	3	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	1	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	1	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	1	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	1	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	1	0	0	0	0	0
B3a endrin	0,01 mg / kg	1	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	1	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	1	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	1	0	0	0	0	0
B3a chlordan	0,05 mg / kg	1	0	0	0	0	0
B3a sum PCB	0,2 mg / kg fat	1	0	0	0	0	0
B3c arsenic	0,1 mg / kg	1	0	0	0	0	0
B3c cadmium	0,2 mg / kg	1	0	0	0	0	0
B3c lead	0,1 mg / kg	1	0	0	0	0	0
B3c mercury	0,01 mg / kg	1	0	0	0	0	0

horses - muscle - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
oxyphenbutazone			
1.7.2011	Český Těšín	Zpupná Lhota	57,12 µg / kg
phenylbutazone			
1.7.2011	Český Těšín	Zpupná Lhota	19,18 µg / kg

horses - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A5 cimbuterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	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	0,17500	n.d.	n.d.	0,17500	µg / kg
A5 clenproperol	1	0	0,0	0	0,0	0,13000	n.d.	n.d.	0,13000	µg / kg
A5 fenoterol	1	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,09500	n.d.	n.d.	0,09500	µg / kg
A5 isoxxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A5 mapenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	1	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A5 salmeterol	1	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	1	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	µg / kg
B1 betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	2	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg / kg
B1 tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	2,50000	n.d.	n.d.	2,50000	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	0,00200	n.d.	n.d.	0,00200	mg / kg
B3b phorate	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg / kg
B3b pyrimiphosmethyl	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg / kg
B3c cadmium	1	1	100,0	1	100,0	1,46000	1,46000	1,46000	1,46000	mg / kg
B3c lead	1	1	100,0	0	0,0	0,22300	0,22300	0,22300	0,22300	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	0,09000	n.d.	n.d.	0,09000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a doramectin	100 µg / kg	1	0	0	0	0	0
B2a ivermectin	100 µg / kg	1	0	0	0	0	0
B2a moxidectin	100 µg / kg	1	0	0	0	0	0
B2b decoquinat	20 µg / kg	1	0	0	0	0	0
B2b diclazuril	40 µg / kg	1	0	0	0	0	0
B2b halofuginone	30 µg / kg	1	0	0	0	0	0
B2b lasalocid	50 µg / kg	1	0	0	0	0	0
B2b maduramicin	2 µg / kg	0	1	0	0	0	0
B2b monensin	8 µg / kg	1	0	0	0	0	0
B2b narasin	50 µg / kg	1	0	0	0	0	0
B2b nicarbazin	100 µg / kg	1	0	0	0	0	0
B2b robenidin	50 µg / kg	1	0	0	0	0	0
B2b salinomycin	5 µg / kg	0	1	0	0	0	0
B3b diazinone	0,05 mg / kg	1	0	0	0	0	0
B3b phorate	0,05 mg / kg	1	0	0	0	0	0
B3b pyrimiphosmethyl	0,05 mg / kg	1	0	0	0	0	0
B3c cadmium	0,5 mg / kg	0	0	0	0	0	1
B3c lead	0,5 mg / kg	1	0	0	0	0	0
B3d aflatoxin B2	20 µg / kg	1	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	1	0	0	0	0	0

horses - liver - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
cadmium			
24.01.2011	Kunčice u Letohradu	Solnice	1,46 mg / kg

horses - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 chlorpromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B1 aminoglycosides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg / kg
B2d azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d azaperone	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d carazolol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d haloperidol	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg / kg
B2d haloperidol - metabolite	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d propionylpromazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B2d xylazine	1	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg / kg
B3c cadmium	1	1	100,0	1	100,0	2,86000	2,86000	2,86000	2,86000	mg / kg
B3c lead	1	1	100,0	0	0,0	0,01800	0,01800	0,01800	0,01800	mg / kg
B3d ochratoxin A	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%
B3c cadmium	1 mg / kg	0	0	0	0	0	1
B3c lead	0,5 mg / kg	1	0	0	0	0	0
B3d ochratoxin A	10 µg / kg	1	0	0	0	0	0

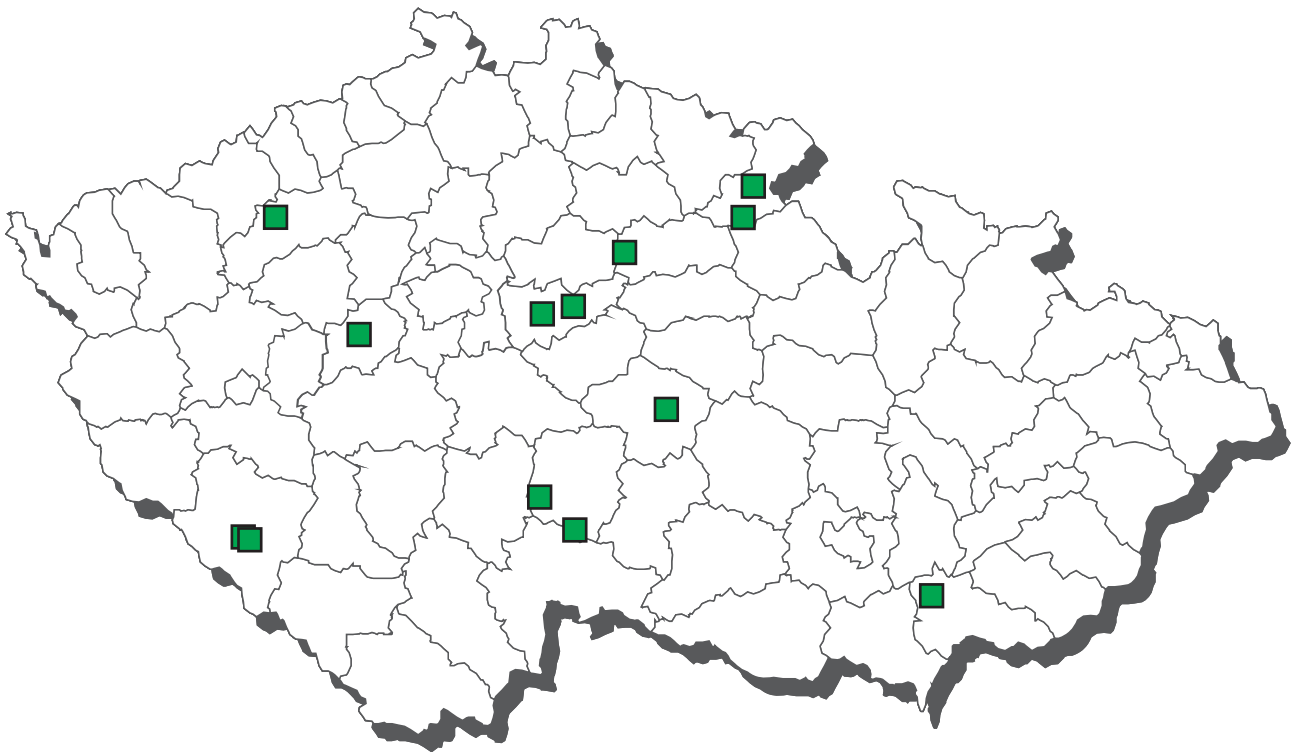
horses - kidney - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
cadmium			
24.01.2011	Kunčice u Letohradu	Solnice	2,86 mg / kg

horses - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / l
A1 hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / l
A2 methylthiouracil	1	0	0,0	0	0,0	1,70000	n.d.	n.d.	1,70000	µg / l
A2 propylthiouracil	1	0	0,0	0	0,0	1,95000	n.d.	n.d.	1,95000	µg / l
A2 tapazole	1	0	0,0	0	0,0	1,85000	n.d.	n.d.	1,85000	µg / l
A2 thiouracil	1	0	0,0	0	0,0	1,40000	n.d.	n.d.	1,40000	µg / l
A3 16-beta-hydroxy-stanozolol	1	0	0,0	0	0,0	0,15500	n.d.	n.d.	0,15500	µg / l
A3 dexamethasone	1	0	0,0	0	0,0	0,06500	n.d.	n.d.	0,06500	µg / l
A3 stanazolol	1	0	0,0	0	0,0	0,22000	n.d.	n.d.	0,22000	µg / l
A3 triamcinolone	1	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,07000	µg / l
A4 taleranol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / l
A4 zearalanon	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / l
A4 zeranol	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / l

CL 2011 - sampling of farmed cloven-hoofed animals



Farmed cloven-hoofed animals - non-compliant results 2011



 lead - muscle

farmed cloven-hoofed animals - muscle

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1 diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1 hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A2 methylthiouracil	2	0	0,0	0	0,0	2,45000	n.d.	n.d.	2,90000	µg / kg
A2 propylthiouracil	2	0	0,0	0	0,0	2,52500	n.d.	n.d.	3,05000	µg / kg
A2 tapazole	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	3,00000	µg / kg
A2 thiouracil	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	3,00000	µg / kg
A3 methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A4 alfa-zearalenol	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	µg / kg
A4 beta-zearalenol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A4 taleranol	3	0	0,0	0	0,0	0,36667	n.d.	n.d.	1,00000	µg / kg
A4 zearalanon	3	0	0,0	0	0,0	0,53333	n.d.	n.d.	1,00000	µg / kg
A4 zeranol	3	0	0,0	0	0,0	0,23333	n.d.	n.d.	0,50000	µg / kg
A6 dimetridazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 HMMNI	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 MNZOH	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
B1 betalactams	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	12	0	0,0	0	0,0	20,00000	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	12	0	0,0	0	0,0	20,00000	n.d.	n.d.	25,00000	µg / kg
B1 gentamycin, neomycin	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	12	0	0,0	0	0,0	20,00000	n.d.	n.d.	25,00000	µg / kg
B1 macrolides	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	12	0	0,0	0	0,0	11,87500	n.d.	n.d.	12,50000	µg / kg
B1 sulfadiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimethoxine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimidine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadoxine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfachlorpyridazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamerazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxydiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfaquinoxaline	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfathiazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 tetracyclines	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a albendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a fenbendazole	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	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a mebendazole	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a oxfendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a rafoxanid	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a thiabendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2a triclabendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e carprofen	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e diclofenac	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e flunixin	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e ibuprofen	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e mefenamic acid	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e meloxicam	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e oxyphenbutazone	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e phenylbutazone	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e tolfenamic acid	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg / kg
B2e vedaprofen	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B3a alfa-HCH	7	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	7	2	28,6	0	0,0	0,00501	n.d.	0,01356	0,03300	mg / kg
B3a dieldrin	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a endrin	7	0	0,0	0	0,0	0,00011	n.d.	n.d.	0,00015	mg / kg
B3a gama-HCH (lindan)	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	7	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	7	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	7	1	14,3	0	0,0	0,00090	n.d.	0,00216	0,00390	mg / kg
B3c cadmium	5	0	0,0	0	0,0	0,00220	n.d.	n.d.	0,00250	mg / kg
B3c lead	5	2	40,0	1	20,0	1,52160	n.d.	4,55180	7,57300	mg / kg
B3c mercury	5	4	80,0	0	0,0	0,00084	0,00070	0,00130	0,00150	mg / kg

farmed cloven-hoofed animals - muscle

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	12	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	12	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	12	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	12	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	12	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	12	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	12	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	12	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	12	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	12	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	12	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	12	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	12	0	0	0	0	0
B2a albendazole	100 µg / kg	3	0	0	0	0	0
B2a fenbendazole	50 µg / kg	3	0	0	0	0	0
B2a triclabendazole	225 µg / kg	3	0	0	0	0	0
B3a alfa-HCH	0,02 mg / kg	7	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	7	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	7	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	7	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	7	0	0	0	0	0
B3a endrin	0,01 mg / kg	7	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	7	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	7	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	7	0	0	0	0	0
B3a chlordan	0,05 mg / kg	7	0	0	0	0	0
B3c cadmium	0,1 mg / kg	5	0	0	0	0	0
B3c lead	0,1 mg / kg	4	0	0	0	0	1
B3c mercury	0,05 mg / kg	5	0	0	0	0	0

farmed cloven-hoofed animals - muscle - list of non-compliant results

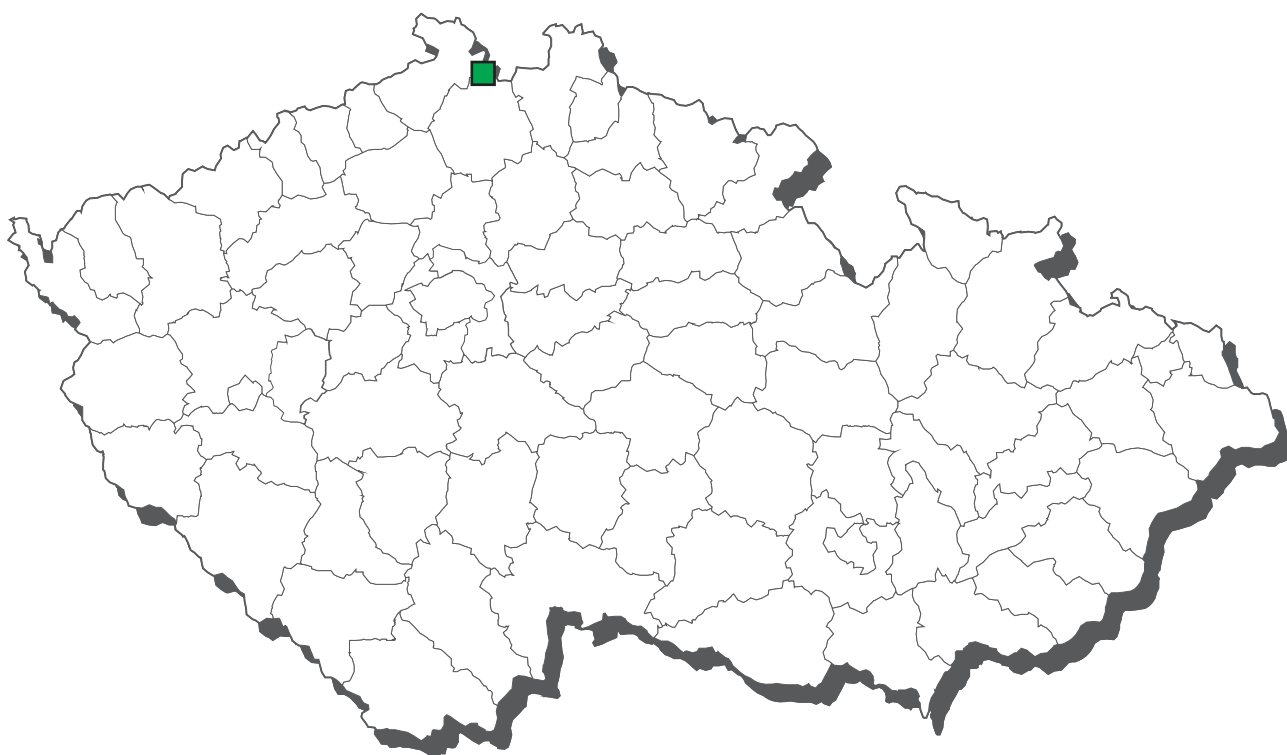
sampling date	cadastral distr. (sampling)	origin	value
lead			deer
10.02.2011	Rozsochatec	Břevnice	7,573 mg / kg

farmed cloven-hoofed animals - liver

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 cimaterol	4	0	0,0	0	0,0	0,08750	n.d.	n.d.	0,10000	µg / kg
A5 cimbuterol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 clenbuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 clenpenterol	4	0	0,0	0	0,0	0,19375	n.d.	n.d.	0,20000	µg / kg
A5 clenproperol	4	0	0,0	0	0,0	0,14500	n.d.	n.d.	0,15000	µg / kg
A5 fenoterol	4	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg / kg
A5 hydroxymethylclenbuterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 chlorbrombuterol	4	0	0,0	0	0,0	0,09875	n.d.	n.d.	0,10000	µg / kg
A5 isoxsuprine	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
A5 mabuterol	4	0	0,0	0	0,0	0,08750	n.d.	n.d.	0,10000	µg / kg
A5 mapenterol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 orciprenaline (metaprotenerol)	4	0	0,0	0	0,0	4,40000	n.d.	n.d.	4,40000	µg / kg
A5 ractopamin	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 ritodrin	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
A5 salbutamol	4	0	0,0	0	0,0	0,38750	n.d.	n.d.	0,40000	µg / kg
A5 salmeterol	4	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg / kg
A5 terbutalin	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A5 tulobuterol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A5 zilpaterol	4	0	0,0	0	0,0	1,10000	n.d.	n.d.	1,10000	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	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	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b lasalocid	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg / kg
B2b maduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b monensin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b narasin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b nicarbazin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b robenidin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b salinomycin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg
B2b semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a doramectin	100 µg / kg	2	0	0	0	0	0
B2a ivermectin	100 µg / kg	2	0	0	0	0	0
B2b decoquinat	20 µg / kg	3	0	0	0	0	0
B2b halofuginone	30 µg / kg	3	0	0	0	0	0
B2b lasalocid	50 µg / kg	3	0	0	0	0	0
B2b maduramicin	2 µg / kg	3	0	0	0	0	0
B2b monensin	8 µg / kg	3	0	0	0	0	0
B2b narasin	50 µg / kg	3	0	0	0	0	0
B2b nicarbazin	100 µg / kg	3	0	0	0	0	0
B2b robenidin	50 µg / kg	3	0	0	0	0	0
B2b salinomycin	5 µg / kg	3	0	0	0	0	0
B2b semduramicin	2 µg / kg	3	0	0	0	0	0

CL 2011 - sampling of snails

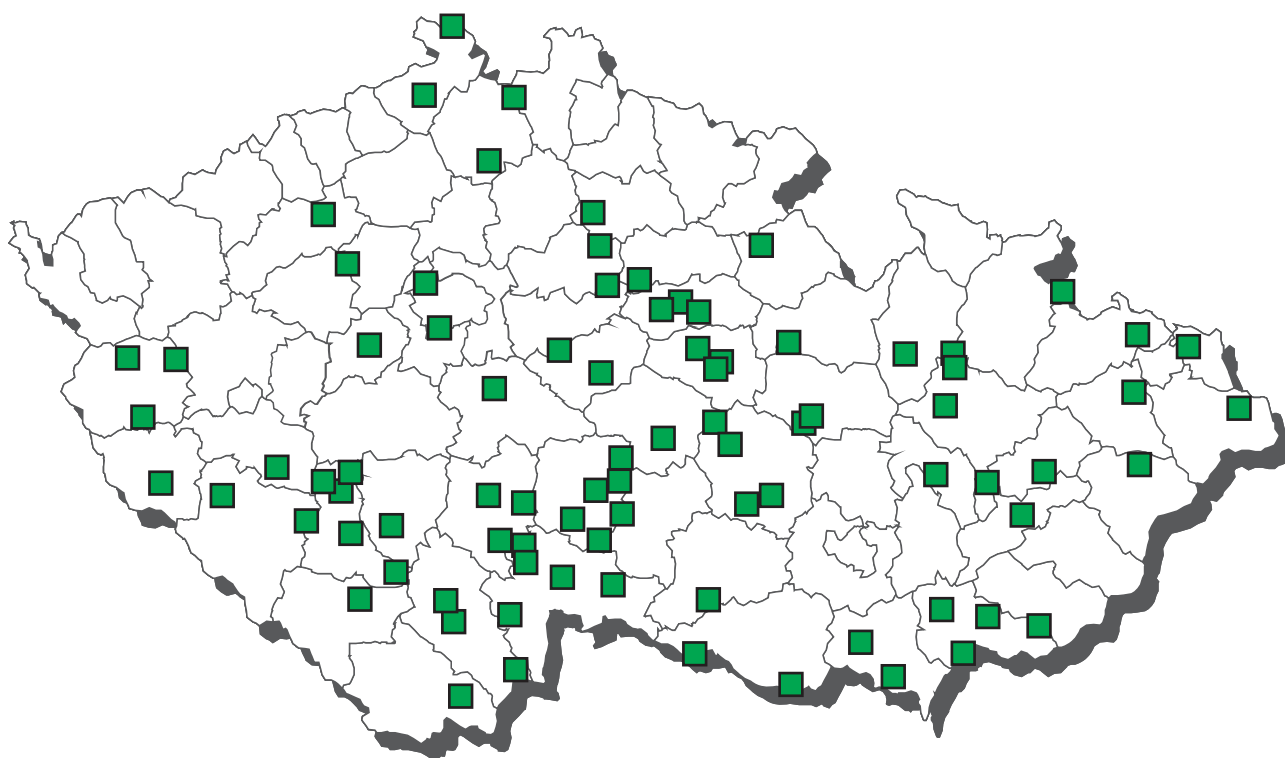


snails - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	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 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	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3c cadmium	2	2	100,0	0	0,0	0,22450	0,22450	0,26170	0,27100	mg / kg
B3c lead	2	2	100,0	0	0,0	0,02500	0,02500	0,02900	0,03000	mg / kg
B3c mercury	2	2	100,0	0	0,0	0,00150	0,00150	0,00190	0,00200	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	2	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	2	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	2	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	2	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	2	0	0	0	0	0
B3a endrin	0,01 mg / kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	2	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	2	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	2	0	0	0	0	0
B3a chlordan	0,05 mg / kg	2	0	0	0	0	0
B3a sum PCB	1 mg / kg	2	0	0	0	0	0
B3c cadmium	0,5 mg / kg	1	1	0	0	0	0
B3c lead	0,1 mg / kg	2	0	0	0	0	0
B3c mercury	2 mg / kg	2	0	0	0	0	0

CL 2011 - sampling of fresh water fish - carps



Fresh water fish - carps - non-compliant results 2011



 leucomalachite green - muscle

freshwater fish - carps - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	25	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1 diethylstilbestrol	25	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1 hexoestrol	25	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A3 ethinylestradiol	14	0	0,0	0	0,0	0,11071	n.d.	n.d.	0,25000	µg / kg
A3 methyltestosterone	12	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A6 AHD	7	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	7	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	7	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 dimetridazole	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 HMMNI	4	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	12	0	0,0	0	0,0	0,04792	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 MNZOH	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 SEM	7	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	17	0	0,0	0	0,0	21,47059	n.d.	n.d.	25,00000	µg / kg
B1 difloxacin	17	0	0,0	0	0,0	21,47059	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	17	0	0,0	0	0,0	21,47059	n.d.	n.d.	25,00000	µg / kg
B1 flumequine	17	0	0,0	0	0,0	31,76471	n.d.	n.d.	50,00000	µg / kg
B1 gentamycin, neomycin	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	17	0	0,0	0	0,0	21,47059	n.d.	n.d.	25,00000	µg / kg
B1 macrolides	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	17	0	0,0	0	0,0	21,47059	n.d.	n.d.	25,00000	µg / kg
B1 residues of ihibitory substances	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sulfadiazine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimethoxine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadimidine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfadoxine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfachlorpyridazine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamerazine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxazole	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfamethoxydiazine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfaquinoxaline	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 sulfathiazole	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg / kg
B1 tetracyclines	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a doramectin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a emamectin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a eprinomectin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a ivermectin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a moxidectin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a niclosamid	11	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg / kg
B3a aldrin	8	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg / kg
B3a alfa-, beta-HCH (sum)	15	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	15	12	80,0	0	0,0	0,00628	0,00350	0,01443	0,03060	mg / kg
B3a dieldrin	15	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	15	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a endrin	15	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a gama-HCH (lindan)	15	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	15	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	15	4	26,7	0	0,0	0,00050	n.d.	0,00050	0,00250	mg / kg
B3a chlordan	15	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	15	8	53,3	0	0,0	0,00194	0,00100	0,00394	0,00720	mg / kg
B3a toxaphene (sum)	15	0	0,0	0	0,0	0,00083	n.d.	n.d.	0,00100	mg / kg
B3c arsenic	11	10	90,9	0	0,0	0,03450	0,03000	0,06700	0,06800	mg / kg
B3c tin	12	1	8,3	0	0,0	0,01133	n.d.	n.d.	0,03700	mg / kg
B3c cadmium	11	0	0,0	0	0,0	0,00209	n.d.	n.d.	0,00250	mg / kg
B3c methylmercury	12	7	58,3	0	0,0	0,03075	0,01750	0,05050	0,17000	mg / kg
B3c lead	11	2	18,2	0	0,0	0,01164	n.d.	0,01400	0,06900	mg / kg
B3c mercury	23	23	100,0	0	0,0	0,03174	0,01430	0,06026	0,26300	mg / kg
B3d aflatoxin B2	12	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,07500	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	12	0	0,0	0	0,0	0,08750	n.d.	n.d.	0,10000	µg / kg
B3e crystal violet	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
B3e leucocrystal violet	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
B3e leucomalachite green	17	1	5,9	1	5,9	0,20471	n.d.	n.d.	1,08000	µg / kg
B3e malachite green	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg

freshwater fish - carps - muscle - monitoring

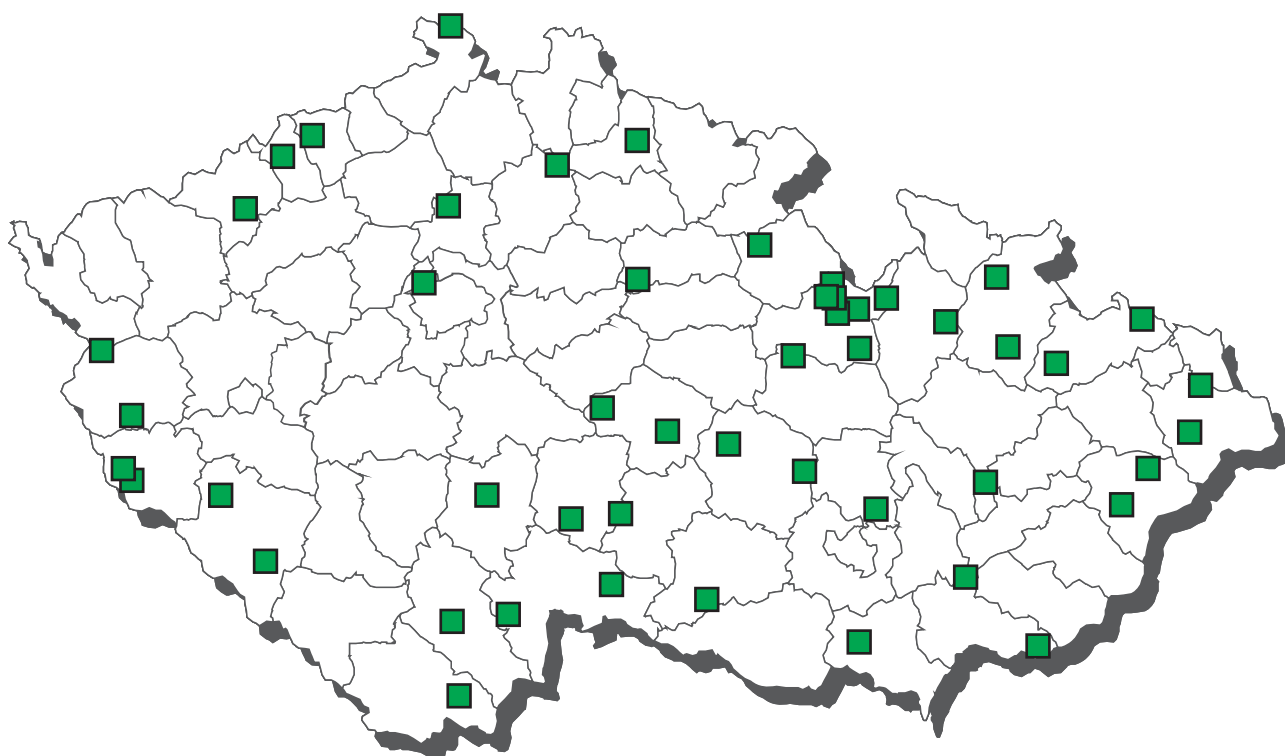
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	17	0	0	0	0	0
B1 difloxacin	300 µg / kg	17	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	17	0	0	0	0	0
B1 flumequine	600 µg / kg	17	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	17	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	17	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	17	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	17	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	17	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	17	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	17	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	17	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	17	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	17	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	17	0	0	0	0	0
B2a emamectin	100 µg / kg	11	0	0	0	0	0
B3a alfa-, beta-HCH (sum)	0,02 mg / kg	15	0	0	0	0	0
B3a DDT (sum)	0,5 mg / kg	15	0	0	0	0	0
B3a gama-HCH (lindan)	0,05 mg / kg	15	0	0	0	0	0
B3a hexachlorbenzen	0,05 mg / kg	15	0	0	0	0	0
B3a sum PCB	2 mg / kg	15	0	0	0	0	0
B3a toxaphene (sum)	0,1 mg / kg	15	0	0	0	0	0
B3c arsenic	1 mg / kg	11	0	0	0	0	0
B3c tin	10 mg / kg	12	0	0	0	0	0
B3c cadmium	0,05 mg / kg	11	0	0	0	0	0
B3c methylmercury	0,4 mg / kg	12	0	0	0	0	0
B3c lead	0,3 mg / kg	11	0	0	0	0	0
B3c mercury	0,5 mg / kg	22	1	0	0	0	0
B3d aflatoxin B2	20 µg / kg	12	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	12	0	0	0	0	0

freshwater fish - carps - muscle - monitoring - list of non-compliant results

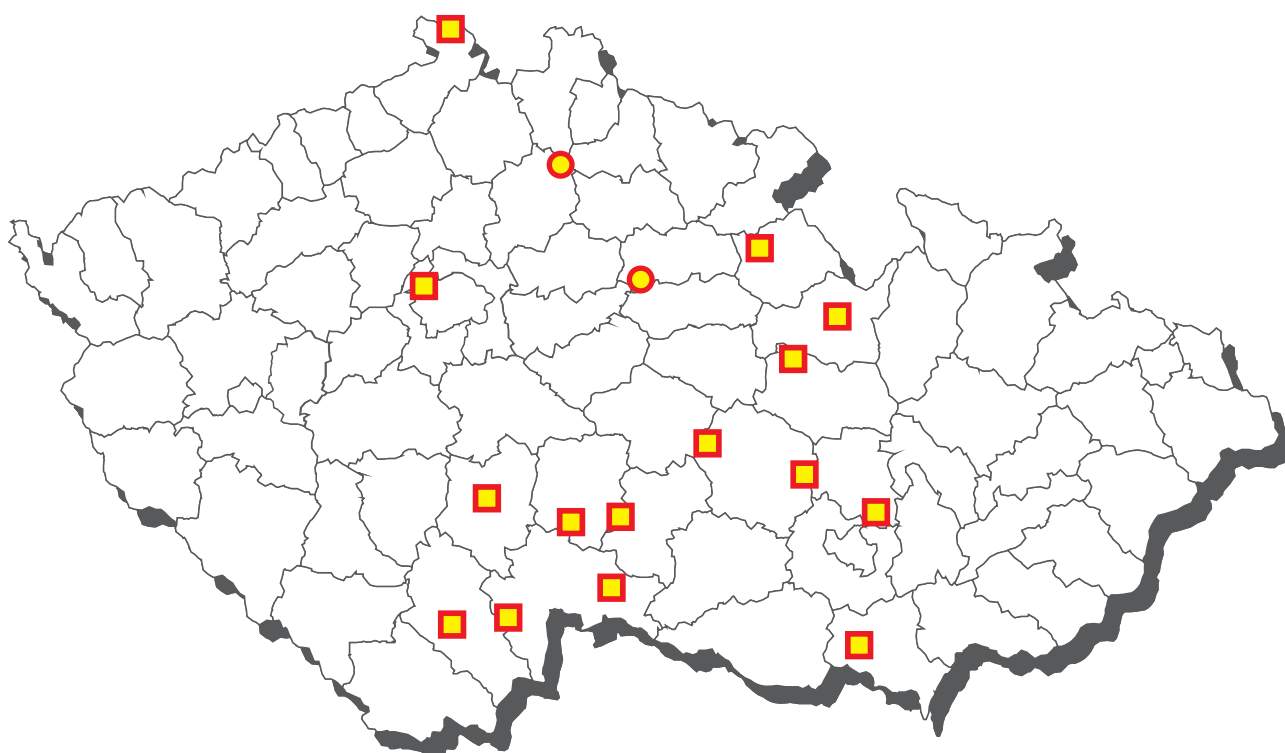
sampling date	cadastral distr. (sampling)	origin	value
leucomalachite green			
14.12.2011	Horní Libochová	Horní Libochová	1,08 µg / kg*

* comply with MRPL (2 µg/kg)

CL 2011 - sampling of freshwater fish - trouts



Freshwater fish - trouts - non-compliant results 2011



■ leucomalachite green

● leukocrystal violet

freshwater fish - trouts - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 dienolestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A1 diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg
A1 hexoestrol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A3 methyltestosterone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg / kg
A6 AHD	2	0	0,0	0	0,0	0,27000	n.d.	n.d.	0,27000	µg / kg
A6 AMOZ	2	0	0,0	0	0,0	0,25500	n.d.	n.d.	0,25500	µg / kg
A6 AOZ	2	0	0,0	0	0,0	0,19000	n.d.	n.d.	0,19000	µg / kg
A6 dimetridazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 HMMNI	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg / kg
A6 chloramphenikol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg / kg
A6 metronidazole a MNZOH	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 MNZOH	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg / kg
A6 ronidazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg / kg
A6 SEM	2	0	0,0	0	0,0	0,39000	n.d.	n.d.	0,39000	µg / kg
B1 betalactams	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1 difloxacin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1 enrofloxacin	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	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.	kvalit	
B1 quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	1	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.	kvalit	
B1 marbofloxacin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg / kg
B1 residues of ihibitory substances	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	
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
B2a niclosamid	3	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg / kg
B3c arsenic	3	3	100,0	0	0,0	0,41800	0,28000	0,74320	0,85900	mg / kg
B3c tin	2	0	0,0	0	0,0	0,00900	n.d.	n.d.	0,00900	mg / kg
B3c cadmium	3	1	33,3	0	0,0	0,00350	n.d.	0,00610	0,00700	mg / kg
B3c methylmercury	2	2	100,0	0	0,0	0,01600	0,01600	0,02160	0,02300	mg / kg
B3c lead	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg / kg
B3c mercury	5	5	100,0	0	0,0	0,02426	0,02600	0,03036	0,03120	mg / kg
B3d aflatoxin B2	2	0	0,0	0	0,0	0,06250	n.d.	n.d.	0,07500	µg / kg
B3d aflatoxins (sum B1,B2,G1,G3)	2	0	0,0	0	0,0	0,07000	n.d.	n.d.	0,09000	µg / kg
B3e crystal violet	62	0	0,0	0	0,0	0,24637	n.d.	n.d.	0,25000	µg / kg
B3e leucocrystal violet	62	2	3,2	2	3,2	0,38339	n.d.	n.d.	5,02000	µg / kg
B3e leucomalachite green	62	14	22,6	14	22,6	1,20258	n.d.	1,44700	29,40000	µg / kg
B3e malachite green	62	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg

freshwater fish - trouts - monitoring (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	1	0	0	0	0	0
B1 difloxacin	300 µg / kg	1	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	1	0	0	0	0	0
B1 flumequine	600 µg / kg	1	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	1	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	1	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	1	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	1	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	1	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	1	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	1	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	1	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	1	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	1	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	1	0	0	0	0	0
B2a emamectin	100 µg / kg	3	0	0	0	0	0
B3c arsenic	1 mg / kg	2	0	1	0	0	0
B3c tin	10 mg / kg	2	0	0	0	0	0
B3c cadmium	0,05 mg / kg	3	0	0	0	0	0
B3c methylmercury	0,4 mg / kg	2	0	0	0	0	0
B3c lead	0,3 mg / kg	3	0	0	0	0	0
B3c mercury	0,5 mg / kg	5	0	0	0	0	0
B3d aflatoxin B2	20 µg / kg	2	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	2	0	0	0	0	0

freshwater fish - trouts - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
leucocrystal violet			
28.12.2011	Chlumeck nad Cidlinou	Slovensko	5,02 µg / kg
02.12.2011	Březina u Mnichova Hradiště	Slovensko	3,75 µg / kg
leucomalachite green			
25.10.2011	Tábor	Rakousko	1,24 µg / kg*
24.10.2011	Pravíkov	Pravíkov	0,85 µg / kg*
26.10.2011	Opočno pod Orlickými horami	Velké Meziříčí	1,5 µg / kg*
17.08.2011	České Budějovice	Mostky	0,85 µg / kg*
14.11.2011	Nedošín	Nedošín	2,88 µg / kg
02.11.2011	Třeboň	Polsko	1,08 µg / kg*
21.07.2011	Lipnice u Markvarce	Lipnice u Markvarce	0,57 µg / kg*
28.07.2011	Ujčov	Ujčov	29,4 µg / kg
29.08.2011	Těšenov	Velké Meziříčí	1,11 µg / kg*
01.11.2011	Rožany	Varnsdorf	0,58 µg / kg*
29.11.2011	Orlice	Orlice	1,47 µg / kg*
30.11.2011	Lažánky u Blanska	Lažánky u Blanska	1,64 µg / kg*
25.11.2011	Statenice	Statenice	4,09 µg / kg
12.08.2011	Mušov	Velká Losenice	20,1 µg / kg

* comply with MRPL (2 µg/kg)

freshwater fish - trouts - suspect samples

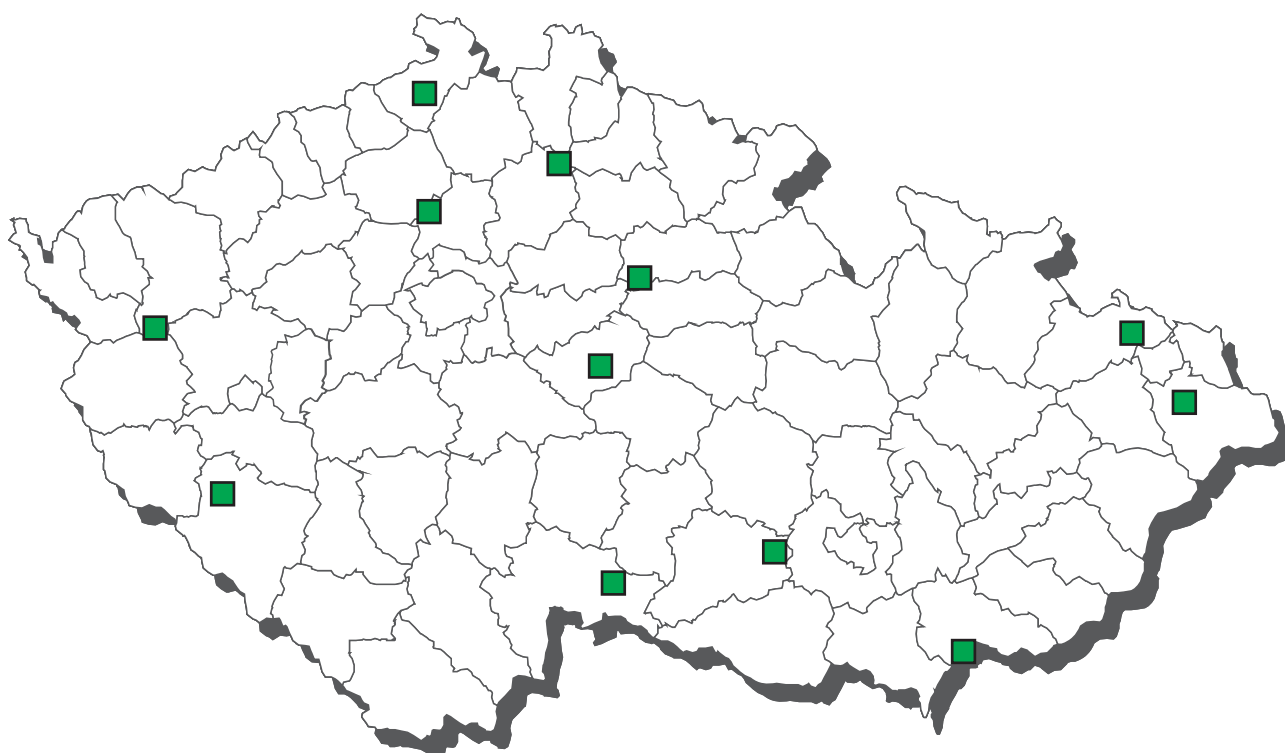
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e crystal violet	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
B3e leucocrystal violet	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg / kg
B3e leucomalachite green	6	5	83,3	5	83,3	2,65667	1,98000	5,33000	6,34000	µg / kg
B3e malachite green	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg / kg

freshwater fish - trouts - suspect samples - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
leucomalachite green			
26.08.2011	Velká Losenice	Velká Losenice	1,17 µg / kg*
21.10.2011	Ujčov	Ujčov	4,32 µg / kg
16.08.2011	Ujčov	Ujčov	1,62 µg / kg*
26.08.2011	Velká Losenice	Velká Losenice	6,34 µg / kg
25.11.2011	Statenice	Třeboň	2,34 µg / kg

* comply with MRPL (2 µg/kg)

CL 2011 - sampling of freshwater fish - other species



Freshwater fish - other species - non-compliant results 2011



■ leucomalachite green

● malachite green

freshwater fish - other species - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 betalactams	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	
B1 quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	
B1 marbofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg / kg
B1 residues of ihibitory substances	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	
B3a sum PCB	9	3	33,3	0	0,0	0,00231	n.d.	0,00612	0,00628	mg / kg
B3a WHO-PCDD/F-PCB-TEQ	9	9	100,0	0	0,0	0,53844	0,49800	0,85980	0,86300	pg / g
B3a WHO-PCDD/F-TEQ	9	9	100,0	0	0,0	0,29956	0,27600	0,38580	0,48900	pg / g
B3c arsenic	1	1	100,0	0	0,0	0,03000	0,03000	0,03000	0,03000	mg / kg
B3c tin	1	0	0,0	0	0,0	0,00900	n.d.	n.d.	0,00900	mg / kg
B3c cadmium	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg / kg
B3c methylmercury	1	1	100,0	0	0,0	0,01000	0,01000	0,01000	0,01000	mg / kg
B3c lead	1	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	0,05170	0,05170	0,07914	0,08600	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 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	1	1	100,0	1	100,0	0,99000	0,99000	0,99000	0,99000	µg / kg
B3e malachite green	1	1	100,0	1	100,0	0,49000	0,49000	0,49000	0,49000	µg / kg
B3f 2,2',3,4,4',5',6-HeptaBDE	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	9	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg

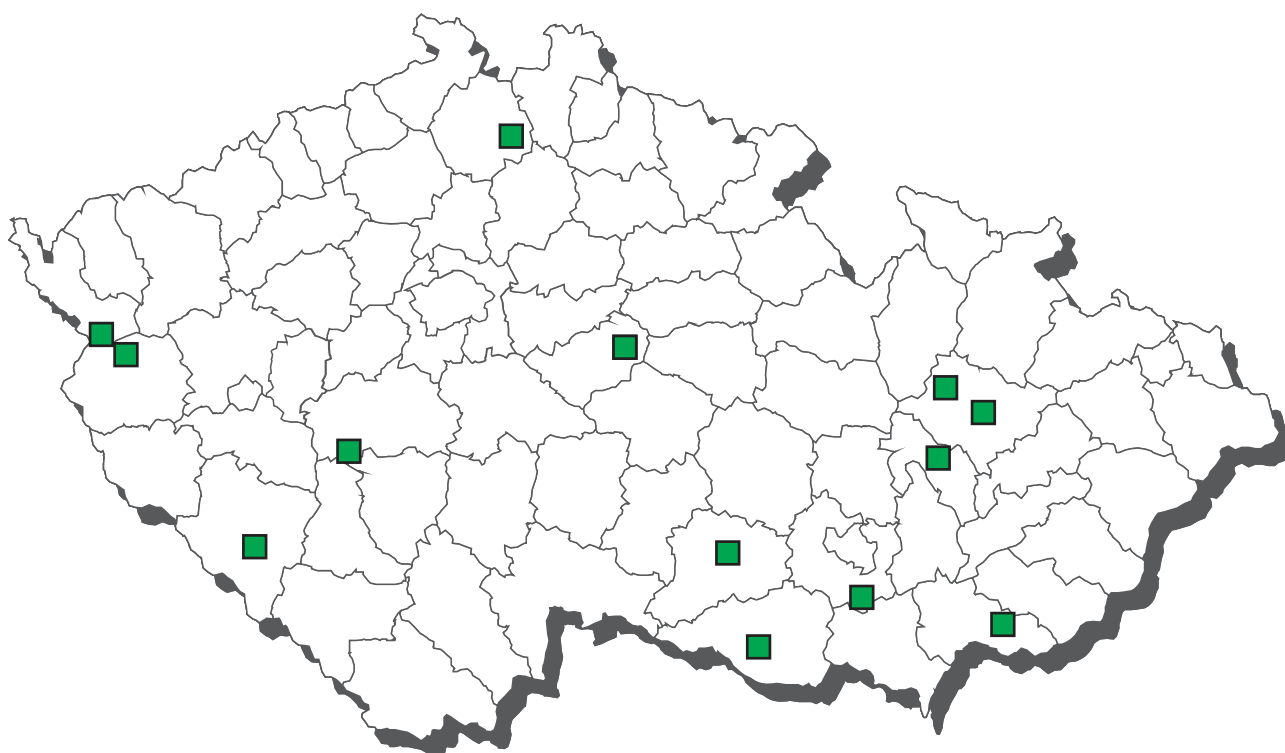
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	100 µg / kg	1	0	0	0	0	0
B1 difloxacin	300 µg / kg	1	0	0	0	0	0
B1 enrofloxacin	100 µg / kg	1	0	0	0	0	0
B1 flumequine	600 µg / kg	1	0	0	0	0	0
B1 oxolinic acid	100 µg / kg	1	0	0	0	0	0
B1 sulfadiazine	100 µg / kg	1	0	0	0	0	0
B1 sulfadimethoxine	100 µg / kg	1	0	0	0	0	0
B1 sulfadimidine	100 µg / kg	1	0	0	0	0	0
B1 sulfadoxine	100 µg / kg	1	0	0	0	0	0
B1 sulfachlorpyridazine	100 µg / kg	1	0	0	0	0	0
B1 sulfamerazine	100 µg / kg	1	0	0	0	0	0
B1 sulfamethoxazole	100 µg / kg	1	0	0	0	0	0
B1 sulfamethoxydiazine	100 µg / kg	1	0	0	0	0	0
B1 sulfaquinoxaline	100 µg / kg	1	0	0	0	0	0
B1 sulfathiazole	100 µg / kg	1	0	0	0	0	0
B3a sum PCB	2 mg / kg	9	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	3 pg WHO-PCDD/F-TEQ/g	9	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	2 pg WHO-PCDD/F-TEQ/g	9	0	0	0	0	0
B3c arsenic	1 mg / kg	1	0	0	0	0	0
B3c tin	10 mg / kg	1	0	0	0	0	0
B3c cadmium	0,05 mg / kg	1	0	0	0	0	0
B3c methylmercury	0,4 mg / kg	1	0	0	0	0	0
B3c lead	0,3 mg / kg	1	0	0	0	0	0
B3c mercury	0,5 mg / kg	2	1	0	0	0	0
B3d aflatoxin B2	20 µg / kg	1	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	40 µg / kg	1	0	0	0	0	0

freshwater fish - other species - muscle - monitoring - list of non-compliant results

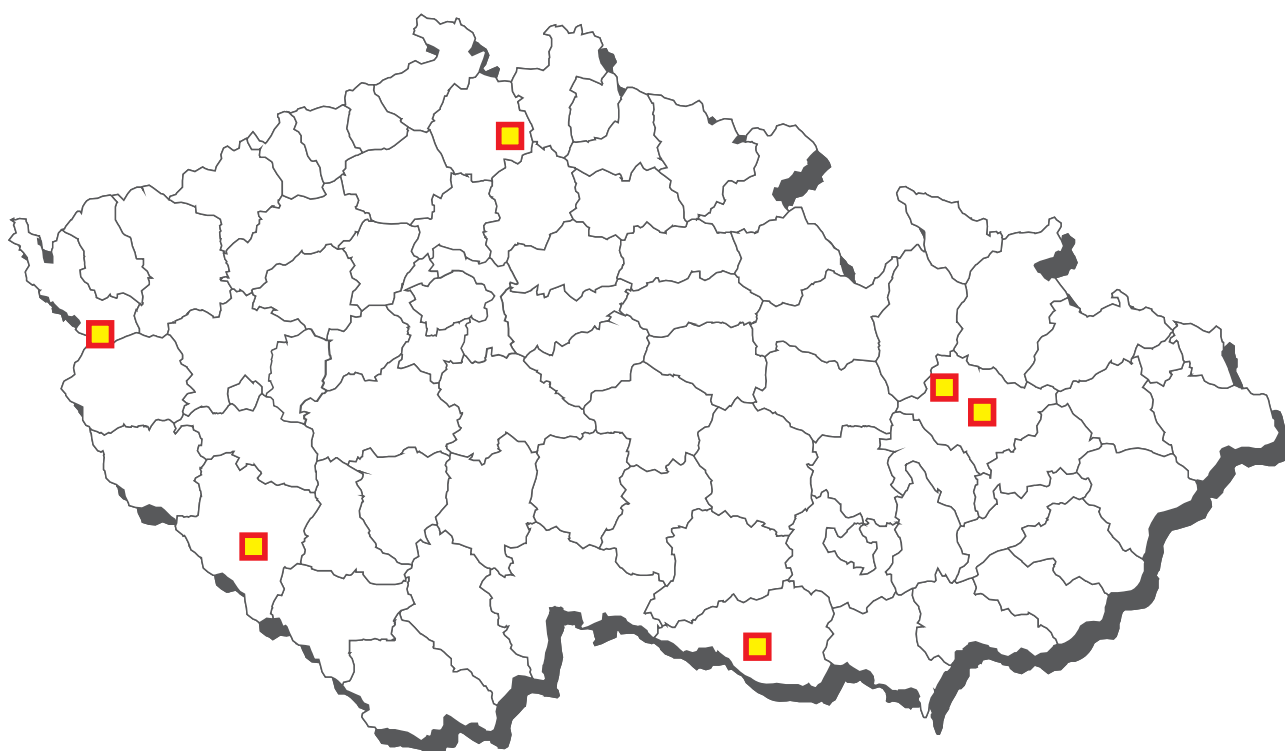
sampling date	cadastral distr. (sampling)	origin	value
leucomalachite green			Coregonus
02.11.2011	Náměšť nad Oslavou	Náměšť nad Oslavou	0,99 µg / kg*
malachite green			Coregonus
02.11.2011	Náměšť nad Oslavou	Náměšť nad Oslavou	0,49 µg / kg*

* sum of malachite/leucomalachite green does not exceed MRPL (2 µg/kg)

CL 2011 - sampling of pheasants



Pheasants - non-compliant results 2011



 lead - muscle

pheasants - muscle - monitoring

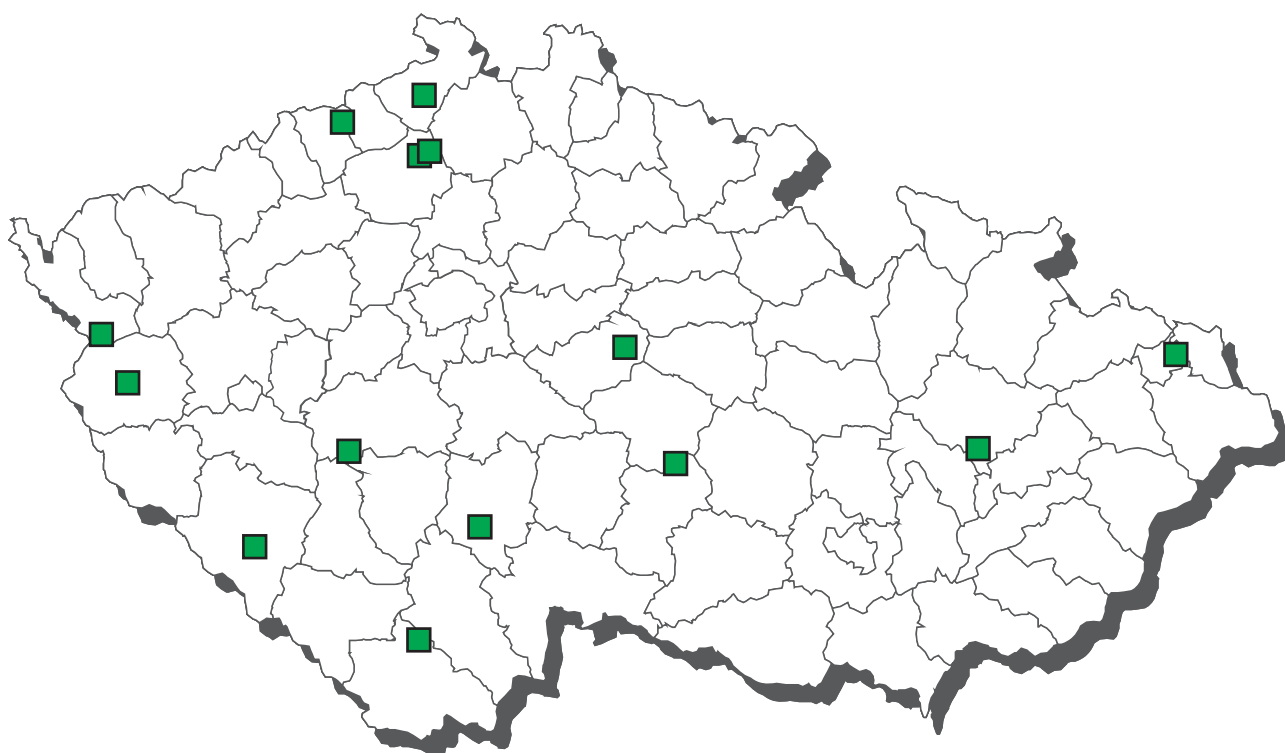
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	2	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a 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	0,00033	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	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	2	0	0,0	0	0,0	0,00055	n.d.	n.d.	0,00100	mg / kg
B3c cadmium	21	2	9,5	0	0,0	0,00210	n.d.	n.d.	0,00600	mg / kg
B3c lead	21	15	71,4	9	42,9	1,55010	0,04000	3,04000	14,60000	mg / kg
B3c mercury	21	12	57,1	0	0,0	0,00097	0,00070	0,00150	0,00420	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	2	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	2	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	2	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	2	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	2	0	0	0	0	0
B3a endrin	0,01 mg / kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	2	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	2	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	2	0	0	0	0	0
B3a chlordan	0,05 mg / kg	2	0	0	0	0	0
B3a sum PCB	2 mg / kg	2	0	0	0	0	0
B3c cadmium	0,1 mg / kg	21	0	0	0	0	0
B3c lead	0,1 mg / kg	11	0	1	0	0	9
B3c mercury	0,05 mg / kg	21	0	0	0	0	0

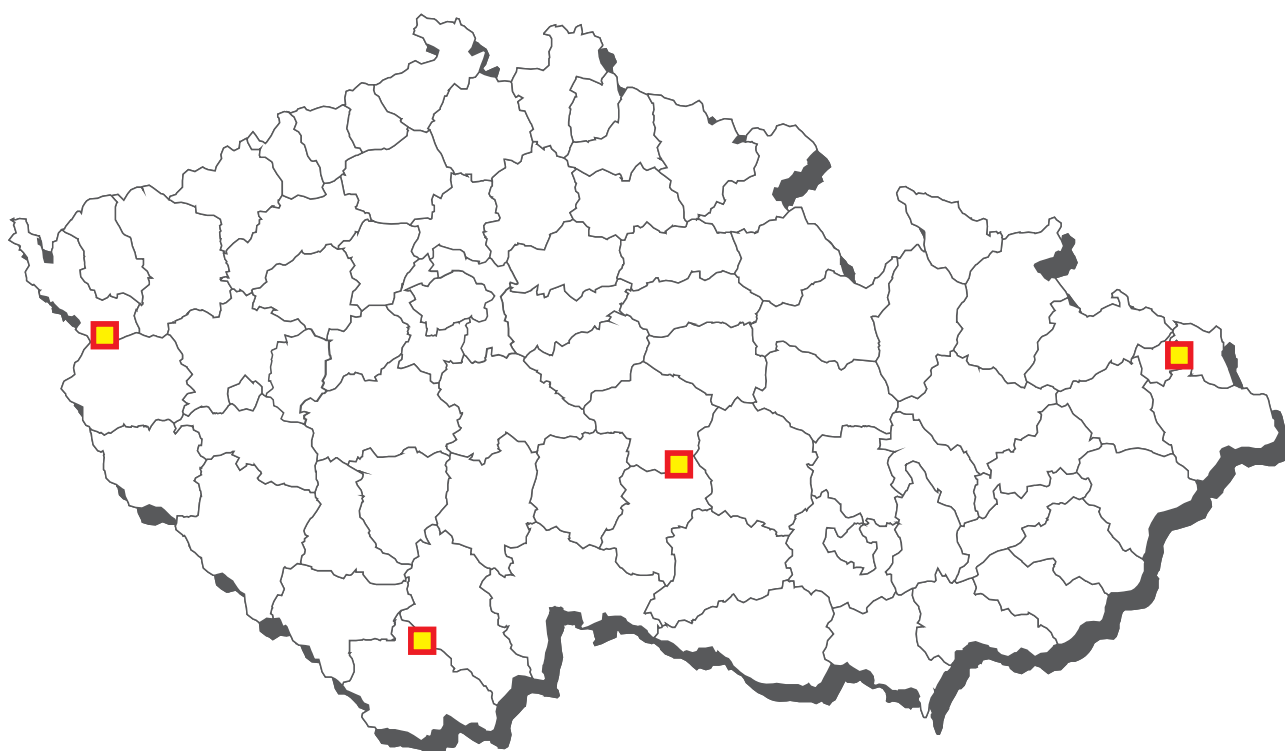
pheasants - muscle - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
lead			
07.11.2011	Ploužnice pod Ralskem	Ploužnice pod Ralskem	2,22 mg / kg
10.11.2011	Kuchařovice	Kuchařovice	2,3 mg / kg
09.02.2011	Petrovice u Sušice	Benešov u Prahy	5,836 mg / kg
02.02.2011	Petrovice u Sušice	Benešov u Prahy	0,329 mg / kg
16.11.2011	Tachovská Huť	Čáslav	14,6 mg / kg
16.11.2011	Tachovská Huť	Čáslav	0,32 mg / kg
16.11.2011	Tachovská Huť	Čáslav	3,04 mg / kg
26.11.2011	Bohuňovice	Bohuňovice	0,85 mg / kg
26.11.2011	Střelice u Litovle	Střelice u Litovle	2,85 mg / kg

CL 2011 - sampling of wild ducks



Wild ducks - non-compliant results 2011



 lead - muscle

wild ducks - muscle - monitoring

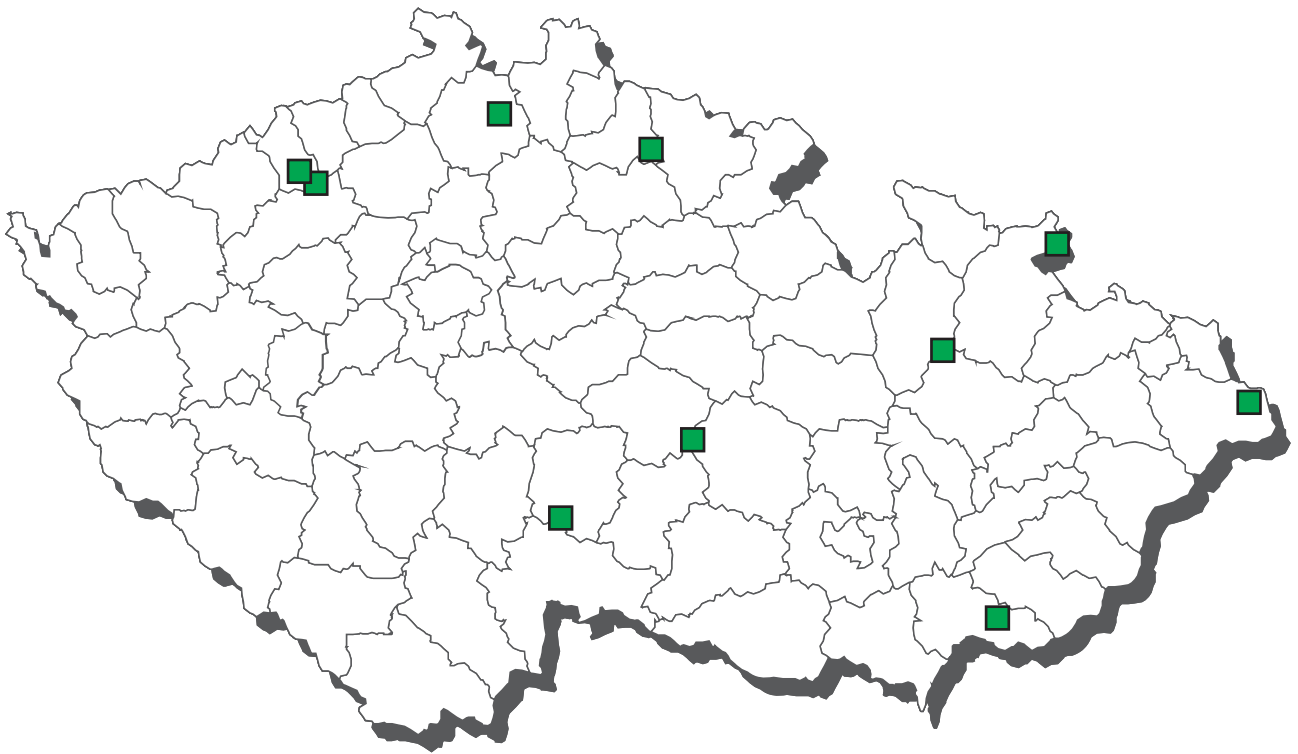
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	5	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	5	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	5	1	20,0	0	0,0	0,00082	n.d.	0,00146	0,00210	mg / kg
B3a dieldrin	5	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	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	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	5	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	5	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg / kg
B3a chlordan	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	5	0	0,0	0	0,0	0,00072	n.d.	n.d.	0,00100	mg / kg
B3c cadmium	19	1	5,3	0	0,0	0,00200	n.d.	n.d.	0,01100	mg / kg
B3c lead	19	17	89,5	6	31,6	0,52426	0,03000	1,44600	4,44000	mg / kg
B3c mercury	19	18	94,7	0	0,0	0,00605	0,00200	0,01470	0,03140	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	5	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	5	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	5	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	5	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	5	0	0	0	0	0
B3a endrin	0,01 mg / kg	5	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	5	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	5	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	5	0	0	0	0	0
B3a chlordan	0,05 mg / kg	5	0	0	0	0	0
B3a sum PCB	2 mg / kg	5	0	0	0	0	0
B3c cadmium	0,1 mg / kg	19	0	0	0	0	0
B3c lead	0,1 mg / kg	10	2	1	0	1	5
B3c mercury	0,05 mg / kg	18	1	0	0	0	0

wild ducks - muscle - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
lead			
10.09.2011	Křemže	Křemže	0,438 mg / kg
09.09.2011	Tachovská Huť	Bělčice	4,44 mg / kg
03.11.2011	Slezská Ostrava	Slezská Ostrava	0,19 mg / kg
21.11.2011	Kamenná u Jihlavy	Kamenná u Jihlavy	1,315 mg / kg
19.09.2011	Tachovská Huť	Vráž u Písku	1,35 mg / kg
19.09.2011	Tachovská Huť	Vráž u Písku	1,83 mg / kg

CL 2011 - sampling of hares

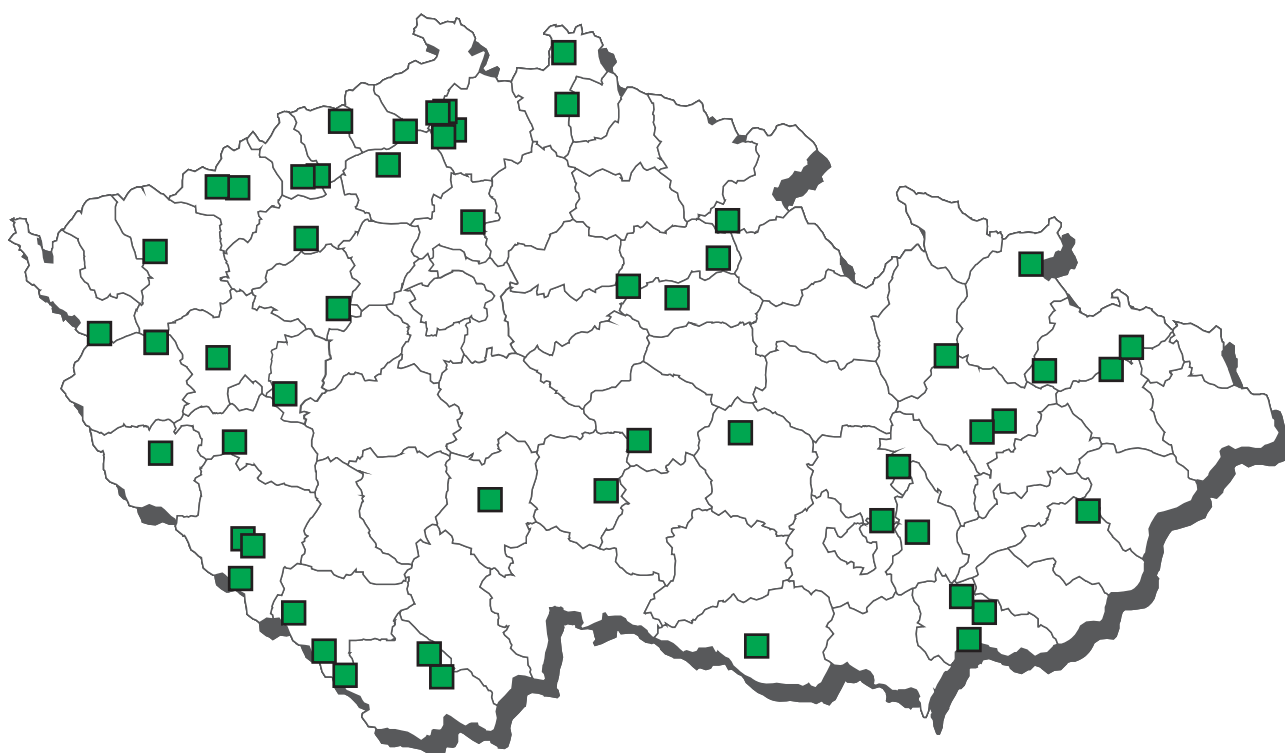


hares - muscle - monitoring

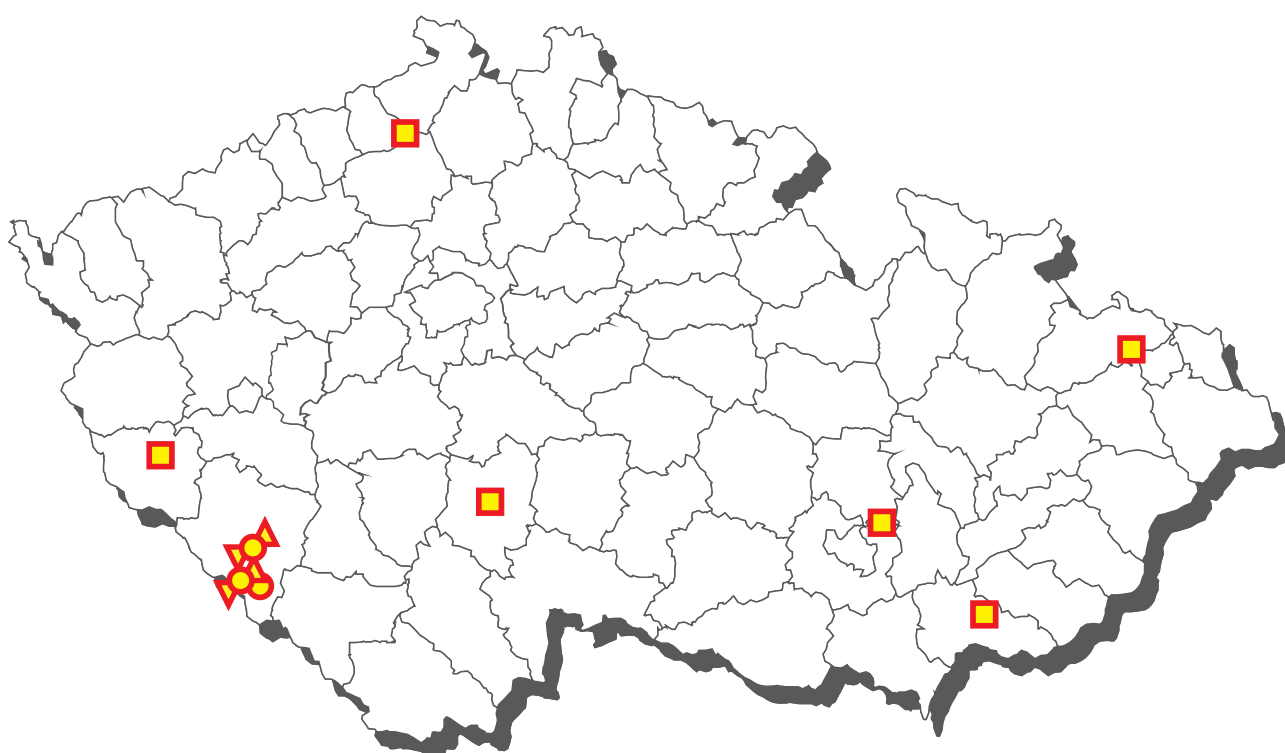
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg / kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a DDT (sum)	2	1	50,0	0	0,0	0,00060	0,00060	0,00068	0,00070	mg / kg
B3a dieldrin	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a endosulfan - sum	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a 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	0,00015	n.d.	n.d.	0,00015	mg / kg
B3a hexachlorbenzen	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg / kg
B3a chlordan	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	2	1	50,0	0	0,0	0,00175	0,00175	0,00275	0,00300	mg / kg
B3c cadmium	9	1	11,1	0	0,0	0,00222	n.d.	0,00320	0,00600	mg / kg
B3c lead	9	2	22,2	0	0,0	0,01944	n.d.	0,05600	0,08000	mg / kg
B3c mercury	9	5	55,6	0	0,0	0,00070	0,00050	0,00106	0,00130	mg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	2	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	2	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	2	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	2	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	2	0	0	0	0	0
B3a endrin	0,01 mg / kg	2	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	2	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	2	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	2	0	0	0	0	0
B3a chlordan	0,05 mg / kg	2	0	0	0	0	0
B3a sum PCB	1 mg / kg	2	0	0	0	0	0
B3c cadmium	0,1 mg / kg	9	0	0	0	0	0
B3c lead	0,1 mg / kg	7	1	1	0	0	0
B3c mercury	0,05 mg / kg	9	0	0	0	0	0

CL 2011 - sampling of wild boar



Wild boar - non-compliant results 2011



▲ WHO-PCDD/F-PCB-TEQ - muscle

▼ WHO-PCDD/F-TEQ - muscle

● cesium 137 - muscle

■ lead - muscle

wild boar (feral pigs) - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a mebendazole	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B2a rafoxanid	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg / kg
B3a alfa-HCH	7	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	7	5	71,4	0	0,0	0,00708	0,00356	0,01615	0,03123	mg / kg
B3a dieldrin	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	7	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg
B3a endrin	7	1	14,3	0	0,0	0,00013	n.d.	0,00018	0,00030	mg / kg
B3a gama-HCH (lindan)	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	7	2	28,6	0	0,0	0,00050	n.d.	0,00068	0,00080	mg / kg
B3a chlordan	7	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	10	1	10,0	0	0,0	0,00093	n.d.	0,00116	0,00255	mg / kg
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	1	33,3	21,93000	1,20000	50,96000	63,40000	pg / g fat
B3a WHO-PCDD/F-TEQ	3	3	100,0	1	33,3	13,96567	0,75000	32,47000	40,40000	pg / g fat
B3c cadmium	27	8	29,6	0	0,0	0,00219	n.d.	0,00270	0,00800	mg / kg
B3c lead	27	20	74,1	6	22,2	1,38252	0,01700	2,01660	22,20000	mg / kg
B3c mercury	27	27	100,0	0	0,0	0,00467	0,00400	0,00916	0,01290	mg / kg
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',5-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,2',4,4'-TetraBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg / kg
B3f cesium 134	10	1	10,0	0	0,0	0,12400	n.d.	0,12400	0,79000	Bq / kg
B3f cesium 137	10	10	100,0	1	10,0	502,74	19,58500	964,66	4 027,94	Bq / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	7	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	7	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	7	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	7	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	7	0	0	0	0	0
B3a endrin	0,01 mg / kg	7	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	7	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	7	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	7	0	0	0	0	0
B3a chlordan	0,05 mg / kg	7	0	0	0	0	0
B3a sum PCB	2 mg / kg	10	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	4 pg WHO-PCDD/F-TEQ/g fat	2	0	0	0	0	1
B3a WHO-PCDD/F-TEQ	2 pg WHO-PCDD/F-TEQ/g fat	2	0	0	0	0	1
B3c cadmium	0,1 mg / kg	27	0	0	0	0	0
B3c lead	0,1 mg / kg	19	1	0	1*	0	6
B3c mercury	0,05 mg / kg	27	0	0	0	0	0
B3f cesium 134	600 Bq / kg	10	0	0	0	0	0
B3f cesium 137	600 Bq / kg	8	0	0	1*	0	1

* compliant (within expanded uncertainty of measurement)

wild boar (feral pigs) - muscle - monitoring - list of non-compliant results

sampling date	cadastral distr. (sampling)	origin	value
WHO-PCDD/F-PCB-TEQ			
26.01.2011	Petrovice u Sušice	Prášily	63,4 pg / g fat
WHO-PCDD/F-TEQ			
26.01.2011	Petrovice u Sušice	Prášily	40,4 pg / g fat
lead			
25.01.2011	Velká Polom	Velká Polom	0,37 mg / kg
21.04.2011	Bzenec	Bzenec	0,401 mg / kg
07.11.2011	Křtiny	Křtiny	9,2 mg / kg
26.10.2011	Zubrnice	Zubrnice	4,44 mg / kg
13.10.2011	Horšovský Týn	Velké Předměstí	0,299 mg / kg
01.12.2011	Sezimovo Ústí	Sezimovo Ústí	22,2 mg / kg
cesium 137			
26.01.2011	Petrovice u Sušice	Prášily	4027,94 Bq / kg

wild boar (feral pigs) - muscle - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	3	100,0	82,32000	10,30000	187,66	232,00	pg / g fat
B3a WHO-PCDD/F-TEQ	3	3	100,0	3	100,0	54,07333	3,86000	125,57	156,00	pg / g fat
B3f cesium 134	11	7	63,6	0	0,0	0,72727	0,63000	1,36000	2,90000	Bq / kg
B3f cesium 137	11	11	100,0	7	63,6	2 616,07	1 773,99	5 196,66	10 696,35	Bq / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	4 pg WHO-PCDD/F-TEQ/g fat	0	0	0	1	0	2
B3a WHO-PCDD/F-TEQ	2 pg WHO-PCDD/F-TEQ/g fat	0	0	0	1	1	1
B3f cesium 134	600 Bq / kg	11	0	0	0	0	0
B3f cesium 137	600 Bq / kg	3	1	0	0	0	7

wild boar (feral pigs) - muscle - suspect samples - list of non-compliant results

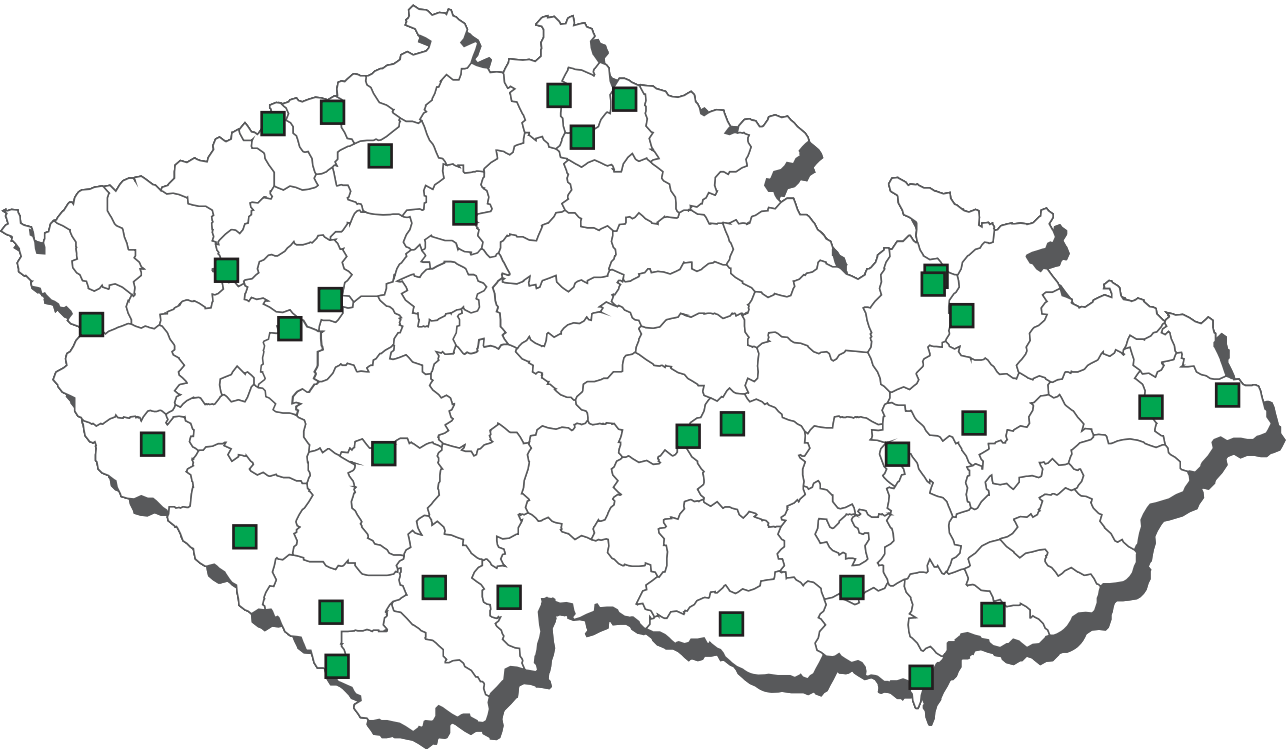
sampling date	cadastral distr. (sampling)	origin	value
WHO-PCDD/F-PCB-TEQ			
02.03.2011	Petrovice u Sušice	Prášily	10,3 pg WHO-PCDD/F-TEQ/g fat
02.03.2011	Petrovice u Sušice	Prášily	232 pg WHO-PCDD/F-TEQ/g fat
18.04.2011	Prášily	Prášily	4,66 pg WHO-PCDD/F-TEQ/g fat
WHO-PCDD/F-TEQ			
02.03.2011	Petrovice u Sušice	Prášily	156 pg WHO-PCDD/F-TEQ/g fat
02.03.2011	Petrovice u Sušice	Prášily	3,86 pg WHO-PCDD/F-TEQ/g fat
18.04.2011	Prášily	Prášily	2,36 pg WHO-PCDD/F-TEQ/g fat
cesium 137			
31.08.2011	Srní I	Srní	2723,63 Bq / kg
08.08.2011	Prášily	Prášily	1748,97 Bq / kg
03.08.2011	Prášily	Prášily	5196,66 Bq / kg
02.03.2011	Petrovice u Sušice	Prášily	10696,35 Bq / kg
03.08.2011	Prášily	Prášily	3930,16 Bq / kg
12.09.2011	Srní I	Srní	1948,11 Bq / kg
18.04.2011	Prášily	Prášily	1773,99 Bq / kg

wild boar (feral pigs) - liver - monitoring

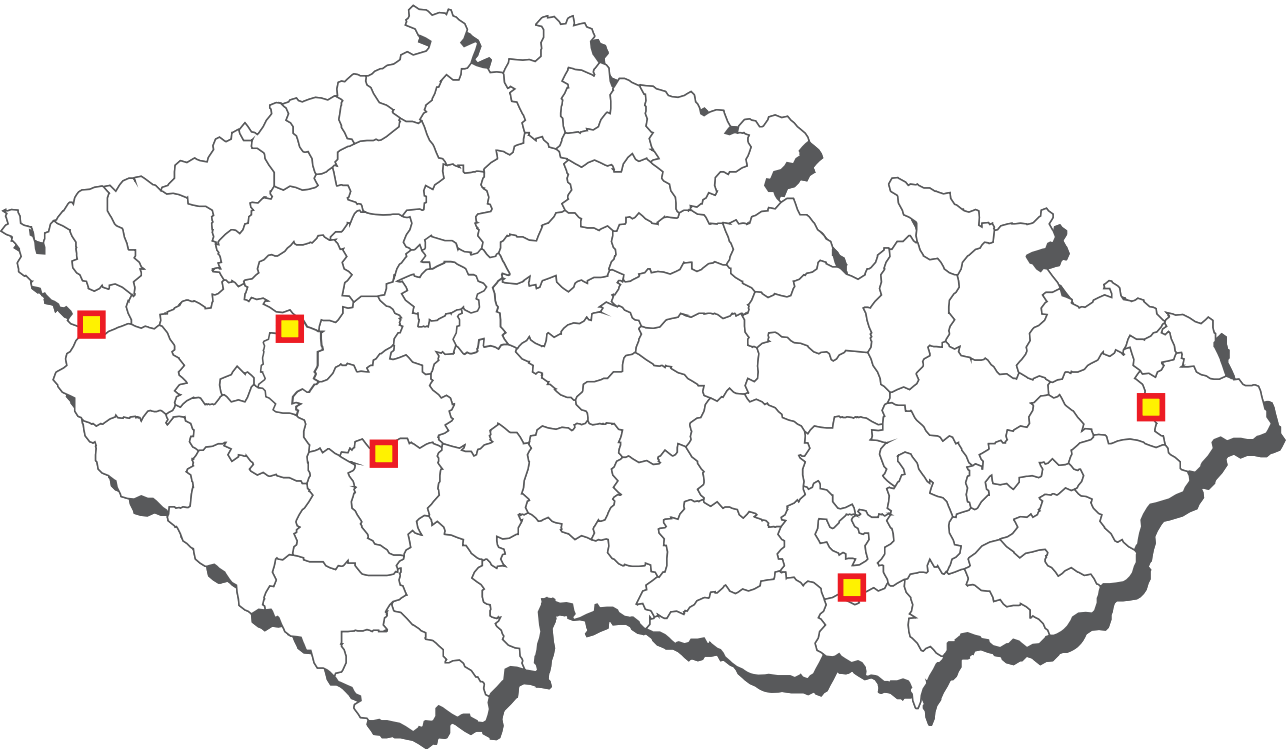
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a ivermectin	17	0	0,0	0	0,0	3,67647	n.d.	n.d.	5,00000	µg / kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a ivermectin	100 µg / kg	17	0	0	0	0	0

CL 2011 - sampling of other cloven-hoofed animals



Other cloven-hoofed animals - non-compliant results 2011



 lead - muscle

other cloven-hoofed animals - muscle - monitoring

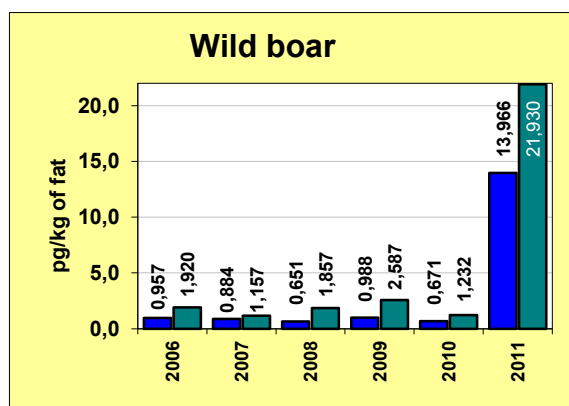
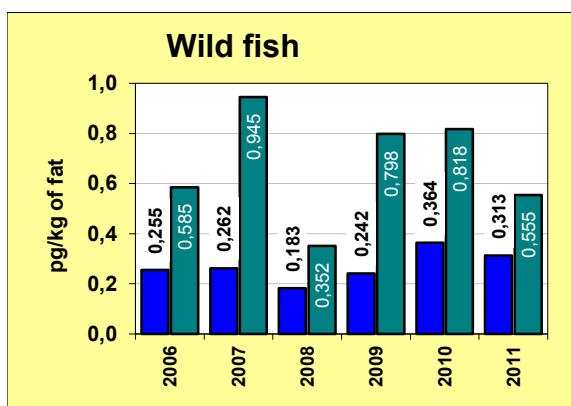
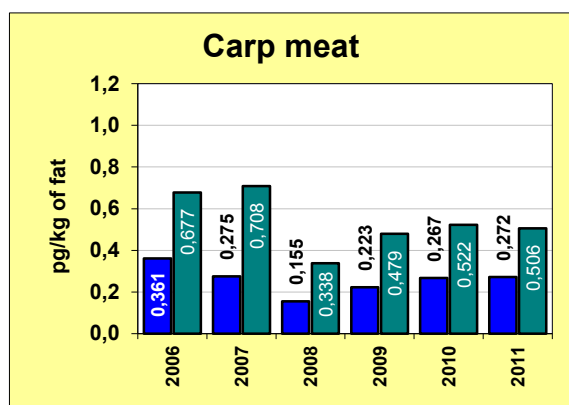
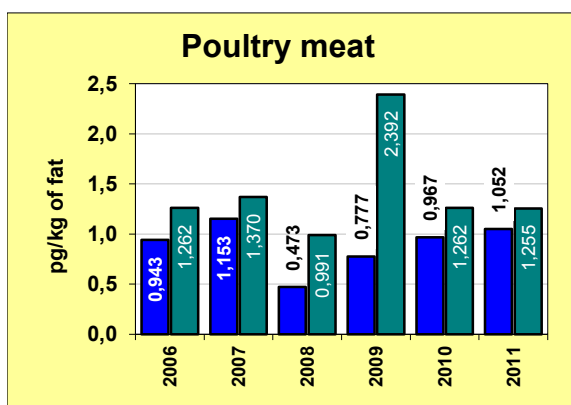
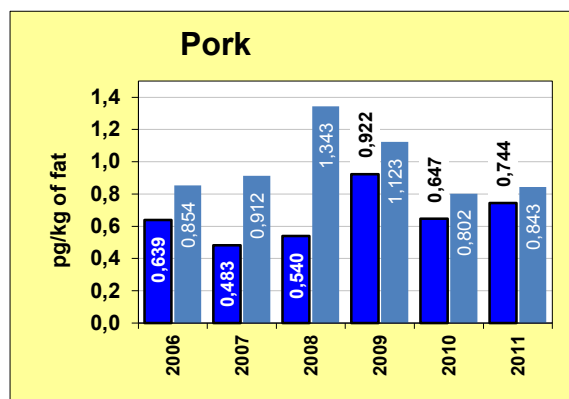
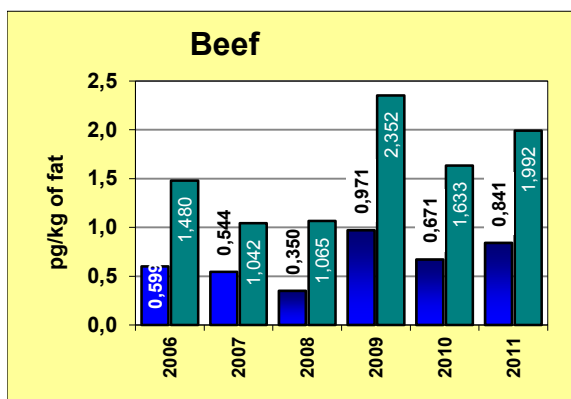
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a alfa-HCH	10	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg / kg
B3a beta-HCH	10	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a DDT (sum)	10	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a dieldrin	10	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a endosulfan - sum	10	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a endrin	10	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg / kg
B3a gama-HCH (lindan)	10	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a heptachlor	10	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg / kg
B3a hexachlorbenzen	10	1	10,0	0	0,0	0,00029	n.d.	0,00050	0,00050	mg / kg
B3a chlordan	10	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg / kg
B3a sum PCB	10	0	0,0	0	0,0	0,00054	n.d.	n.d.	0,00100	mg / kg
B3c cadmium	29	7	24,1	0	0,0	0,00231	n.d.	0,00420	0,00600	mg / kg
B3c lead	29	22	75,9	6	20,7	3,78214	0,01600	0,86200	54,80000	mg / kg
B3c mercury	29	16	55,2	0	0,0	0,00128	0,00050	0,00320	0,00640	mg / kg
B3f cesium 134	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	Bq / kg
B3f cesium 137	18	13	72,2	0	0,0	13,01056	0,30500	21,71000	155,33	Bq / kg

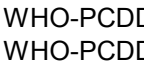
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a alfa-HCH	0,02 mg / kg	10	0	0	0	0	0
B3a beta-HCH	0,01 mg / kg	10	0	0	0	0	0
B3a DDT (sum)	0,1 mg / kg	10	0	0	0	0	0
B3a dieldrin	0,02 mg / kg	10	0	0	0	0	0
B3a endosulfan - sum	0,05 mg / kg	10	0	0	0	0	0
B3a endrin	0,01 mg / kg	10	0	0	0	0	0
B3a gama-HCH (lindan)	0,01 mg / kg	10	0	0	0	0	0
B3a heptachlor	0,02 mg / kg	10	0	0	0	0	0
B3a hexachlorbenzen	0,02 mg / kg	10	0	0	0	0	0
B3a chlordan	0,05 mg / kg	10	0	0	0	0	0
B3a sum PCB	2 mg / kg	10	0	0	0	0	0
B3c cadmium	0,1 mg / kg	29	0	0	0	0	0
B3c lead	0,1 mg / kg	21	2	0	0	0	6
B3c mercury	0,05 mg / kg	29	0	0	0	0	0
B3f cesium 134	600 Bq / kg	18	0	0	0	0	0
B3f cesium 137	600 Bq / kg	18	0	0	0	0	0

other cloven-hoofed animals - muscle - monitoring - list of non-compliant results

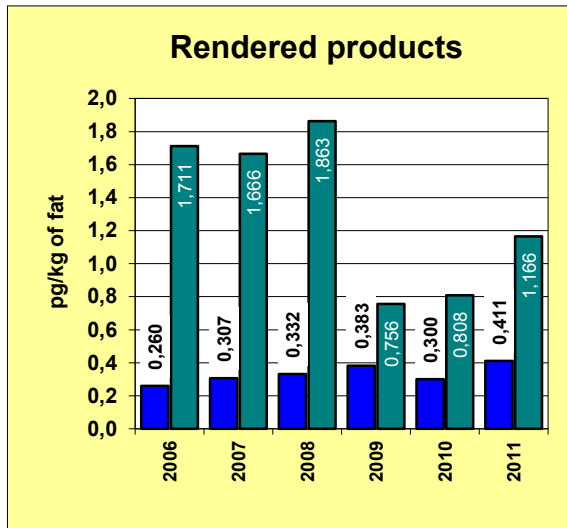
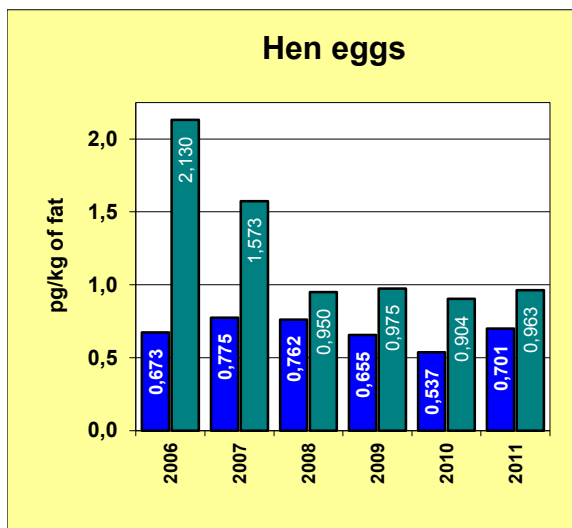
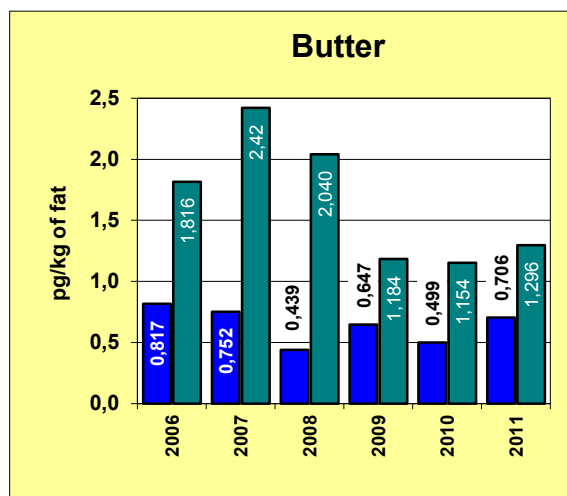
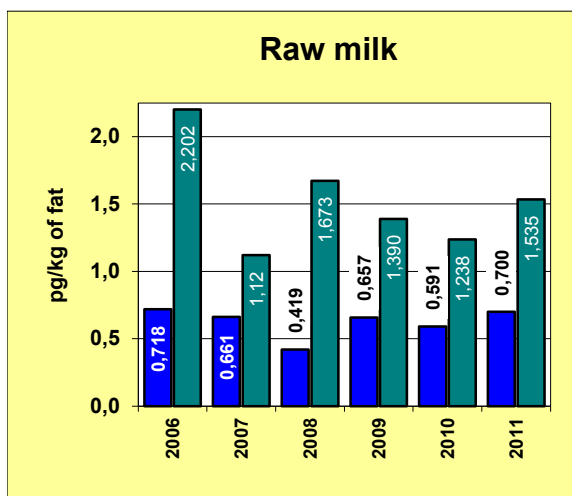
sampling date	cadastral distr. (sampling)	origin	value
lead			
06.09.2011	Chlum nad Berounkou	Radnice u Rokycan	0,25 mg / kg
10.11.2011	Orlík nad Vltavou	Orlík nad Vltavou	0,805 mg / kg
06.10.2011	Sklenov	Sklenov	54,8 mg / kg
20.10.2011	Židlochovice	Židlochovice	51,9 mg / kg
10.06.2011	Tachovská Huť	Tachovská Huť	0,39 mg / kg
10.06.2011	Tachovská Huť	Tachovská Huť	1,09 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