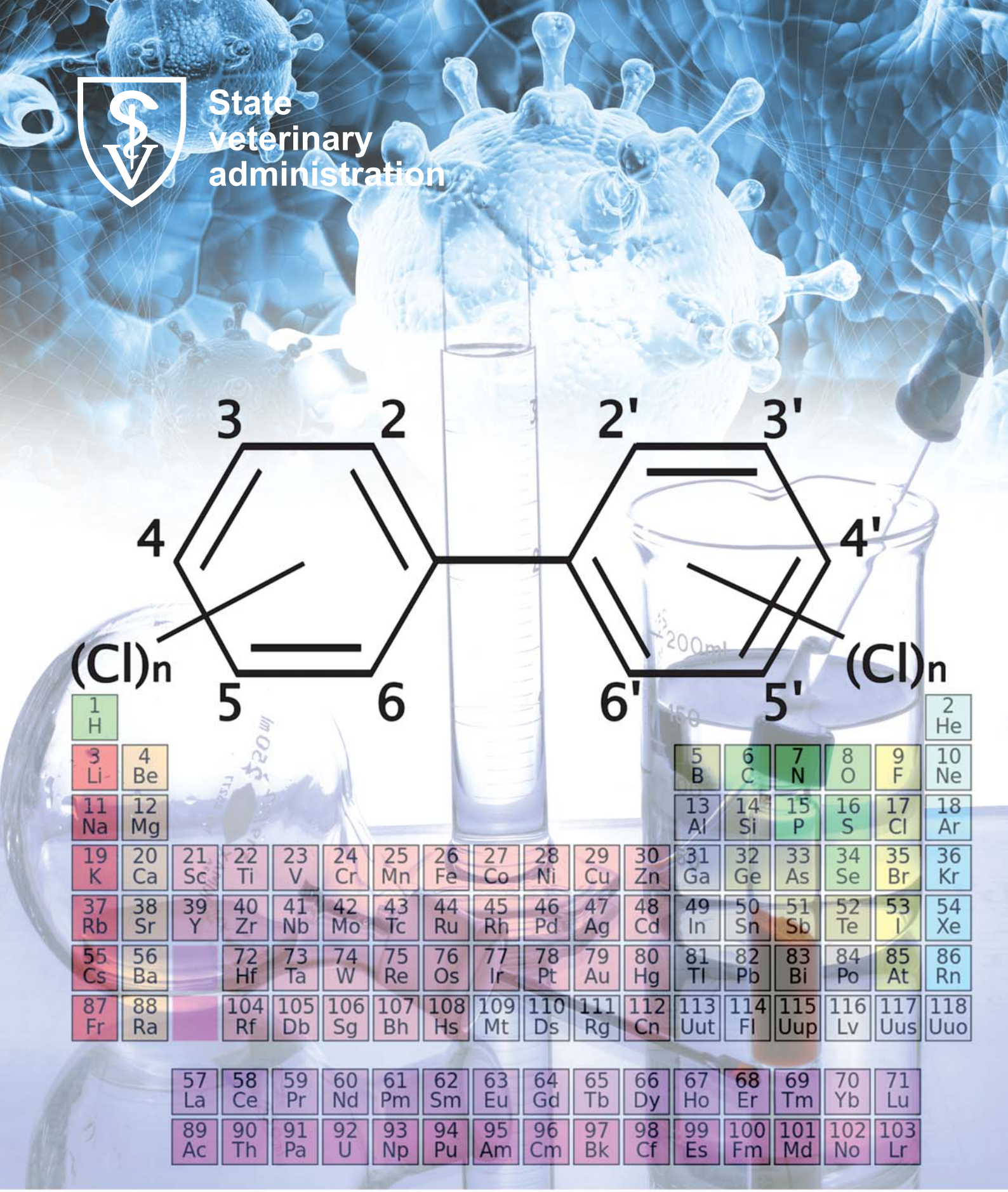


State Veterinary Administration of the Czech Republic

Contamination of Food Chain with Residues and Contaminants

Situation in the Year 2015

Information Bulletin No 1/2016

State Veterinary Administration of the Czech Republic

Information Bulletin No 1/2016

Contamination of Food Chain with Residues and Contaminants – Situation in the Year 2015

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

Drawn up based on the data from the SVA CR Information System – March 2016

Summary:

The report contains **data for the year 2015**, as well as graphs expressing trends in the average content of certain residues and contaminants in raw materials and food of animal origin, feeds and water, mainly since the year 1990. Totally **71 063 analyses** were performed within the monitoring of residues and contaminants in the year 2015 (71 471 analyses in the year 2014), from which 69 926 analyses were performed within planned sampling, 82 analyses within targeted testing of suspect samples and 1 055 analyses in samples of imported commodities. **Non-compliant findings** represented **0.20 %** of all analyses performed during the assessed year which percentage was higher by 0.03 % than in the previous year.

No non-compliant samples of food and of animal origin were detected for any of monitored residues or contaminants (0.01 % in the year 2014). The highest percentage of non-compliant samples was detected in tissues of wild and farmed game animals and fish (0.70 %, 0.46 % in the year 2014), the total percentage of non-compliant samples in tissues of farm animals was of 0.19 % (0.16 % in the previous year). The percentage of non-compliant samples detected in feeds was of 0.13 %, which is comparable with the previous year (0.14 % of non-compliant samples in the year 2014). No samples containing non-compliant levels of residues and contaminants were detected in imported feeds as in the year 2014.

Health 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 2015, 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 hygiene limits and their incidence was mainly decreasing.

With respect to a relatively low percentage of non-compliant samples, health safety of raw materials and food of animal origin can be assessed as still favourable from the viewpoint of the content of residues and contaminants (see Table 1 and 2). The detection of the residues of VMPs (mainly antimicrobials) must be regarded as important, as well as the detection of the use of unauthorised drugs (synthetic colorants) used for the treatment or prevention in fish farming (particularly in trouts) requires consistent checks on fish farming. The detection of polychlorinated biphenyls (PCB) in the meat of pigs is the result of still lasting contamination of farming environment in non-sanitised stables (old paints).

Contents

1. Introduction

The report for the year 2015 presents results and evaluates the situation concerning the content of **residues and contaminants** in feeds, live animals on farms, raw materials and food of animal origin. The results are processed into tables and graphs, supplemented with short comments. The results come from the regular **monitoring** of residues and contaminants carried out in accordance with Council Directives 96/23/EC and 96/22/EC, Commission Decisions 97/747/EC and 98/179/EC which are transposed in Decree of the Ministry of Agriculture of the Czech Republic No 291/2003 concerning the prohibition on the administration of certain substances to animals the products of which are intended for human consumption, and the monitoring in animals and animal products of unauthorised substances, residues and contaminants which may render animal products harmful to human health, as amended. The monitoring plan for each calendar year, as well as the results for the previous year, is submitted to the European Commission for approval annually, by 31 March at the latest.

Due to the necessity to cut costs for the performance of tests within the monitoring of residues and contaminants, testing has been since the year 2012 focused on feeds, farm animals including fish from the national production and primary animal products (meat, milk, eggs and honey). The examination of finished food products which had been included in the system of the national monitoring of residues and contaminants up to now is from now on included in the routine hygiene supervision performed pursuant to the multiannual control plan – from this reason, the evaluation of contamination of finished products with respect to the content of residues and contaminants is not included in this report, as well as the results of testing for radionuclides not covered by Council Directive 96/26/EC.

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 the withdrawal of health 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 the 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, and the volume of produced milk, eggs and honey. The samples are official samples and their analyses are paid from the budget of the SVA CR.

The results of analyses of feedingstuffs, raw materials and foodstuffs of animal origin were assessed according to the legislation in force at the time of sampling (“hygiene limits”), i.e. 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. The results of chemical analyses are compared with limits specified in legislation (ML – maximum limit, MRL – maximum residue limit, MRPL – minimum required performance limit which also serves in unauthorised substances as decision limit). Where no limits are established in certain substances but it is necessary to prevent their intrusion to food chain, we use “action limits” (intervention threshold levels) at the exceeding of which it is necessary to search for the source of contamination and take measures for its reduction or removal.

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

The analyses of samples were performed at the laboratories of the State Veterinary Institutes (hereinafter referred to as the “SVIs”) in Prague, Jihlava and Olomouc and at the Institute for the State Control of Veterinary Biologicals

and Medicines in Brno (hereinafter referred to as the “ISCVBM”). 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 all examinations for the presence of residues and contaminants are kept in the SVA CR Information System database which communicates with information system of participating laboratories. The data are retrieved for the central processing at the **SVA CR Information Centre in Liberec** using the VPN communication network of the SVA CR.

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

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

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

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

2. Animal 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, in particular originating from 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, “brominated flame retardants” (BFR – used for the restriction of the ignition of combustible materials) and chlorinated pesticides.

No non-compliant concentrations of monitored residues and contaminants were detected in imported fish meals, as in the last year. Established concentrations of chlorinated pesticides, brominated flame retardants and heavy metals were under maximum limits (did not reach 50 % of the limits). Only in one case, the level of PCB sum was in an interval between 50 % and 75 % of specified maximum limit. In another case, the concentration of arsenic was above 50 % of the limit. From this viewpoint, the quality of fish meals is satisfactory. However, it is still necessary to monitor the quality of 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), and dioxins exceeding specified limits. In one sample, the concentration of dioxin sum and DL-PCB in an interval between 75 % and 100 % of the limit was detected.

2.2. Complete and supplementary feedingstuffs

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

The residues of VMPs (unauthorised administration) were not proven, as well as the residues of unauthorised substances and other veterinary medicinal products, in any sample of complete and supplementary feedingstuffs, including complete feedingstuffs for individual species and categories of farm animals. In all other tested samples, the concentrations of contaminants (chemical elements, chlorinated hydrocarbons) did not exceed authorised concentrations in any analysed sample, or their levels were in most samples immeasurable. In one sample, the concentration of arsenic at the threshold of the limit was detected; however, after the calculation of measurement uncertainty, the sample complied. The limits set for mycotoxins were not exceeded as well, except for one sample

of a complete feedingstuff for pigs where the concentration of deoxynivalenol (DON) higher than action limit (900 µg/kg) was detected. It was recommended to not feed the feedingstuff.

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.

2.3. Water used for watering animals

The examination of water used for watering farm animals is part of checking whether unauthorised medicinal products 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. In the year 2015, 5 samples of water were tested for the presence of unauthorised or prohibited substances. Measurable concentrations were not detected in any case which means that residues indicating an illegal use of such substances were not detected.

3. Foodstuffs of animal origin

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

3.1. Milk

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

3.1.1. Raw cow's milk

Most of analytes for which milk is tested were not detected in raw cow's milk at measurable levels. No levels of chemical elements, chlorinated pesticides, organophosphorous insecticides, mycotoxins (aflatoxin M1); residues of drugs or unauthorised substances exceeding limits were detected. In 10 samples, the residues of oxfendazole (an anthelmintic, the metabolite of febendazole) in an interval between 50 % and 75 % of MRL were detected. In 6 samples, the concentration of diclofenac (an anti-inflammatory drug) was detected; the content of lindane (a chlorinated pesticide not used for tens of years) in an interval between 50 % and 75 % of MRL was detected in another 6 samples.

Map	Sampling of raw cow's milk	p. 37
Table	Results for raw cow's milk (2 sheets)	p. 38-39
Graph	The average content of PCB sum in raw cow's milk (1998-2015)	p. 40

3.1.2. Raw sheep and goat's milk

No levels of monitored chemical elements, pesticide residues and polychlorinated biphenyls (PCB) and dioxins exceeding limits were detected in the samples of raw sheep and goat's milk. All measurable concentrations of monitored substances were safely under specified limits. The residues of unauthorised medicinal products and aflatoxin M1 were not found at measurable concentrations. Measurable concentrations of oxfendazole (an anthelmintic, the metabolite of febendazole) in an interval between 50 % and 75 % were detected in two samples of raw sheep milk and in two samples of raw goat's milk; a measurable concentration of lindane in an interval between 50 % and 75 % was detected in one sample of raw goat's milk.

Map	Sampling of raw sheep milk	p. 41
Table	Results for raw sheep milk (2 sheets)	p. 42-43
Map	Sampling of raw goat's milk	p. 44
Table	Results for raw goat's milk (2 sheets)	p. 45-46
Graph	The average content of PCB sum in raw sheep and goat's milk (2000-2015)	p. 40

3.2. Hen eggs

No levels of residues and contaminants exceeding limits were found in market eggs sampled at egg sorting plants. In one sample, a measurable concentration of salinomycin (an additive substance – coccidiostat) in an interval between 75 % and 100 % of maximum limit was detected; traces of coccidiostats (diclazuril, monensin, narasin, semduramycin) in an interval between 50 % and 75 % of maximum limit were also detected. The concentration of dioxins and DL-PCB in an interval between 75 % and 100 % of maximum limit was detected in one sample.

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

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, traces of coccidiostats (diclazuril, monensin, narasin, semduramycin) in an interval between 50 % and 75 % of maximum limits were detected.

Map	Sampling of quail's eggs	p. 50
Table	Results for quail's eggs	p. 51

3.5. Honey

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

4. Farm animals

Samples of blood urine and hairs (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 residues of authorised veterinary drugs exceeding limits were detected in veal, liver, kidney, fat and urine, as well as the presence of unauthorised substances. Analyses of hairs did not prove an unauthorised use of growth stimulators. One sample of calf liver contained mercury at the concentration exceeding MRL (0.01 $mg.kg^{-1}$) mentioned in Regulation (EC) of the European Parliament and of the Council No 396/2005 (on pesticide residues). An on-the-spot enquiry did not reveal the source of contamination. The concentration of all other monitored residues and contaminants safely complied with established limits in all samples.

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

The content of chemical elements (cadmium, lead, mercury and arsenic) in tissue samples complied with hygiene limits. In one liver sample and five kidney samples, the concentration of mercury was above the limit established in Regulation (EC) of the European Parliament and of the Council No 396/2005, as amended, which concerns MRLs for pesticides after their use in accordance with good agricultural practice, is of 0.01 $mg.kg^{-1}$. Maximum limits are established at the detection threshold – the limit of quantitation (LOQ). The reason of increased levels of mercury with respect to maximum limit was not proven unambiguously; however, there is a suspicion on the contamination with mercury from vaccines containing ethyl-mercury (Thiomersal). Based on risk analysis performed by the Institute for the State Control of Veterinary Biological and Medicines (hereinafter referred to as the “ISCVBM”) with respect to consumed amount of beef (or pork) offal, the respective level ensuring health safety would be in the case of kidney the same as maximum limit – 0.01 $mg.kg^{-1}$.

The levels of chlorinated pesticides and residues of organophosphorous insecticides complied with maximum limits in all cases; all levels fell into an interval under 50 % of specified limits. The content of polychlorinated biphenyls (PCB) was assessed pursuant to maximum limits issued in Commission Regulation (EU) No 1259/2011 (in force since 1 January 2012) and complied with specified limit in all cases. On three holdings, the residues of NDL-PCB in an interval between 75 % and 100 % of maximum limit were detected; one muscle tissue sample contained the level of dioxins and NDL-PCB in an interval between 75 % and 100 % of the limit. The reason of the contamination of young bulls were probably old paints containing PCBs used on partitions of stable boxes in non-sufficiently sanitised old stables.

Aflatoxins were not detected at measurable concentrations in liver samples. The residues of VMPs, unauthorised drugs and substances having a hormonal action were detected neither in live animals (blood, urine, hairs), nor in tissues of slaughtered young bovine animals. The only exception were the residues of dihydrostreptomycin (DHSTM) in muscle, liver and kidney of a young bull detected using a screening method (streptomycins) and confirmed using a confirmation method. The bull was treated by the VMP Norostrep inj. susp. The withdrawal period was not complied with by two days and, in addition to that, the application of the drug was extended by two days contrary to the drug manufacturer’s instructions contained on enclosed leaflet.

No non-compliant concentrations of dioxins, DL-PCB and brominated flame retardants (BFR) were detected in muscle tissue samples.

In one urine sample, an increased concentration of 17-alpha-19-nortestosterone was detected. An on-the-spot enquiry did not prove the use of an unauthorised synthetic hormone.

Map	Sampling of young bovine animals under 2 years of age	p. 62
Table	Results for young bovine animals under 2 years of age (8 sheets)	p. 63-70
Graph	The average content of chemical elements in liver of young bovine animals under 2 years of age (1992-2015)	p. 71
Graph	The average content of chemical elements in kidney of young bovine animals under 2 years of age (1990-2015)	p. 72
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2012)	p. 40

4.1.3. Cows

Concentrations of cadmium exceeding specified limits were detected in cow kidney samples in four cases. Based on risk analysis performed by the Institute for the State Control of Veterinary Biological and Medicines (hereinafter referred to as the "ISCVBM") with respect to consumed amount of beef (or pork) offal, the respective level ensuring health safety would be in the case of kidney the same as maximum limit – 0.01 $mg.kg^{-1}$. In such case, all kidney samples would comply.

The residues of VMPs, unauthorised medicinal substances, chlorinated pesticides, organophosphorous insecticides and aflatoxins complied with hygiene limits and did not reach in vast majority of cases 50 % levels of the relevant limits, except for one liver sample containing the residues of dihydrostreptomycin exceeding limit. In one muscle sample, the level of PCB at the threshold of maximum limit was detected; however, after the calculation of measurement uncertainty, the sample complied. No signs of the use of prohibited medicinal substances were detected in urine, blood, perirenal fat and hairs were found.

Map	Sampling of cows	p. 73
Table	Results for cows (7 sheets)	p. 74-80

4.2. Sheep and goats

No levels exceeding established limits were detected in samples of goat's muscle and liver. The level of cadmium at the threshold of maximum limit was detected in one kidney sample; however, after the calculation of measurement uncertainty, the sample complied. An on-the-spot enquiry did not detect the direct source of contamination with cadmium. In urine and perirenal fat of goats no traces of the use of unauthorised drugs were detected. No levels of chemical elements exceeding limits were detected in muscle, liver and kidneys of sheep, except for one sample with non-complying content of cadmium. No non-compliant levels of dioxins and DL-PCB were detected in any of tested samples. No residues of unauthorised substances having a hormonal action, veterinary medicinal products and unauthorised drugs were detected in any examined sheep and goat tissue samples, including urine, at measurable concentrations.

Map	Sampling of sheep	p. 81
Table	Results for sheep (5 sheets)	p. 82-86
Map	Sampling of goats	p. 87
Table	Results for goats (4 sheets)	p. 88-91

4.3. Pigs

4.3.1. Fattening pigs

All samples of meat complied with limits for all detected analytes, except for one muscle sample in which the concentration of the residues of sulphadimidine exceeding limits was detected (kidneys and liver of the animal concerned contained sulphadimidine exceeding limits as well). The relevant withdrawal period was not complied with. The concentration of NDL-PCB exceeding limit was detected in one muscle sample, two another samples showed the concentration of NDL.PCB at the threshold of maximum limit (the samples complied after the calculation of measurement uncertainty). The content of NDL-PCB exceeding limit was detected in muscle sample

of a pig originating from a farm on which the source of contamination was identified already two years ago in paints used in stable environment (the source of PCB was not eliminated consistently). An increased concentration of 17-beta-19-nortestotesron was detected in urine of pigs. An-on-the-spot enquiry did not prove the use of substances and preparations, the administration of which to food producing animals is prohibited. The residues of VMPs (except for the above mentioned case of the use of sulphadimidine), organochlorous substances and organophosphorous insecticides was not proven in pig liver. In kidney of the previously mentioned pig, the concentration of sulphadimidine exceeding limit was proven – as a result of non-compliance with withdrawal period. In one liver sample, the content of mercury at the threshold of maximum limit was detected (the sample complied after the calculation of measurement uncertainty). The limit of 0.1 $mg.kg^{-1}$ (established for the purposes of the national residue and contaminant monitoring plan by the ISCVB based on risk analysis) was used for the assessment of the content of mercury in pig liver. No non-compliant concentrations of dioxins and DL-PCB, as well as the contamination with brominated flame retardants, were detected in muscle samples.

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

Map	Sampling of pigs	p. 92
Table	Results for pigs (6 sheets)	p. 93-98
Graph	The average content of chemical elements in liver of pigs (1990(1)-2015)	p. 99
Graph	The average content of chemical elements in kidney of pigs (1990(1)-2013)	p. 100
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2015)	p. 40

4.3.2. Sows

Testing of muscle, liver and kidney samples was focused on the residues of VMPs, in particular on antimicrobials. The reason of this targeted testing of sows aimed at antimicrobials was the detection of residues in last four years (the residues of dihydrostreptomycin were found most frequently). No residues of any of monitored antimicrobials were detected in muscle samples at measurable levels. The concentration of dihydrostreptomycin exceeding limits was detected in one liver sample. No residues of antimicrobials exceeding limits were proven in any of tested kidney samples. The issue of dihydrostreptomycin, as well as the reason of leaving residues also after the compliance with withdrawal period, is solved to by Institute for the State Control of Veterinary Biologicals and Medicines which subsequently discusses with holders of marketing authorisations of VMP concerned on the limitation of its use for certain weight categories of pigs.

Map	Sampling of sows	p.101
Table	Results for sows (3 sheets)	p. 102-103

4.4. Poultry

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

4.4.1. Poultry

No levels of monitored residues of veterinary drugs (including unauthorised substances) and contaminants exceeding limits were found in chicken broiler muscle and liver samples. Measurable concentrations of anthelmintics (levamisole) and substances from the groups of carbamates and pyrethroids (aldicarb, methomyl) were detected in muscle samples. The residues of coccidiostats (salinomycin) were detected in 19 liver samples; all detected levels were in an interval between 50 % and 75 % of the limit. No traces of unauthorised drugs were detected in chicken blood serum.

No residues of brominated flame retardants (BFR) were found. Mycotoxins were not detected in liver samples at measurable levels. No residues of drugs, the use of which is prohibited in food animals, were detected in blood serum of chicken broilers.

All muscle and liver samples of culled laying hens complied with limits for all monitored residues and contaminants. Measurable concentrations did not reach 50 % of maximum limits. Only in three samples of muscle from laying hens contained the residues of methomyl (a pesticide – carbamate) in an interval between 50 % and 75 % of maximum limit.

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

4.4.2. Waterfowl

No residues of veterinary medicinal products were detected in muscle and liver of waterfowl (mainly ducks) at measurable concentrations. Measurable concentrations of aldicarb and methomyl (carbamate insecticides) and levamisole (an anthelmintic) in an interval up to 75 % of maximum limits were found in several cases. As in previous years, no residues of chlorinated pesticides and PCB were detected. The content of chemical elements was very low. The residues of additives – coccidiostats maduramicin and semduramycin were proven in liver samples at measurable concentrations. Mycotoxins were not detected in liver samples at measurable levels.

4.5. Ostriches

No levels of chemical elements and chlorinated pesticides exceeding limits were found in muscle and liver samples of ostriches. The residues of drugs or unauthorised medicinal products were not found at measurable concentrations. One muscle sample of an ostrich imported from Poland to the slaughterhouse in the Czech Republic contained PCB concentration exceeding limit.

4.6. Quails

In the year 2015, no quails were tested due to a significant decrease in the number of these animals intended for slaughter kept on the Czech holdings.

4.7. Rabbits

No levels of monitored chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) exceeding limits were found in muscle samples of domestic rabbits. No residues of additives and veterinary drugs exceeding limits were proven as well. The residues of salinomycin (an iontophore coccidiostat) at levels exceeding established action limit were detected in rabbit liver samples. The case was related to the detection of salinomycin

at the level exceeding limits in a feed intended for rabbits. Other monitored substances were not detected at measurable levels.

4.8. Horses

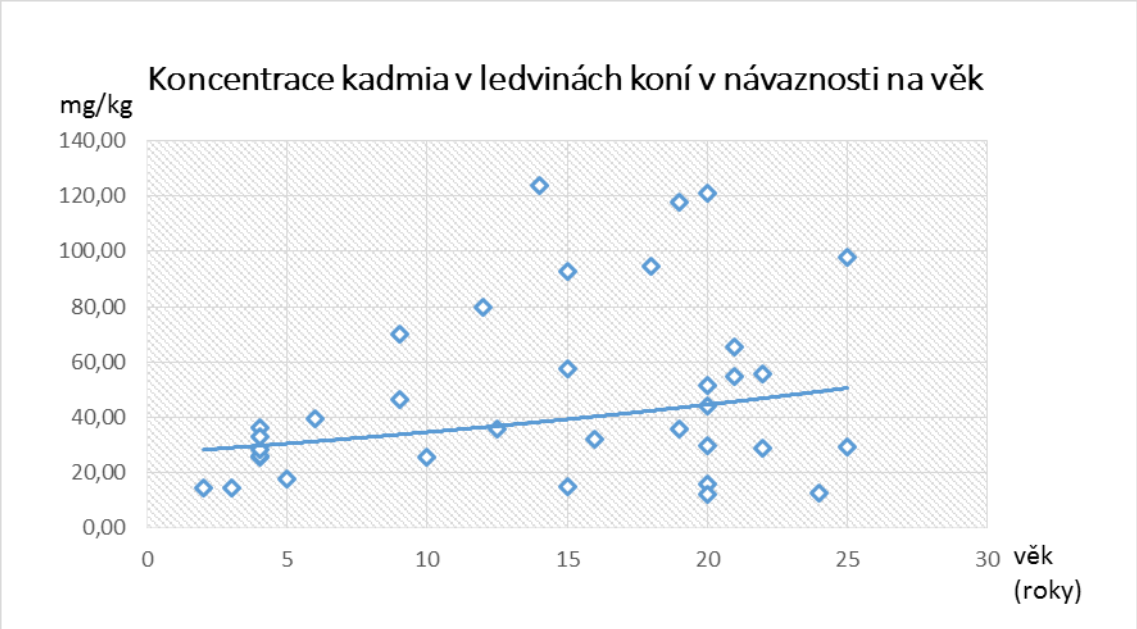
Targeted testing for the content of heavy metal in edible tissues of food horses took place in the years 2014 and 2015. The aim of the testing was to document that liver and kidney of horses above 2 years of age contain concentrations of particularly cadmium and support draft legislative measures for the seizure (confiscation) of liver and kidney of horses above 2 years of age.

The testing of muscle, liver and kidney samples from food horses for the content of heavy metals (cadmium, lead, mercury) proved that liver and kidney of horses above 2 years of age slaughtered in the territory of the Czech Republic contained the level of cadmium exceeding limits – as compared with maximum limits established in Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs (cadmium: horse kidney – 1.0 $mg.kg^{-1}$, horse liver – 0.5 $mg.kg^{-1}$).

Non-compliant results for cadmium in horse liver and kidney in the years 2014-2015 in $mg.kg^{-1}$

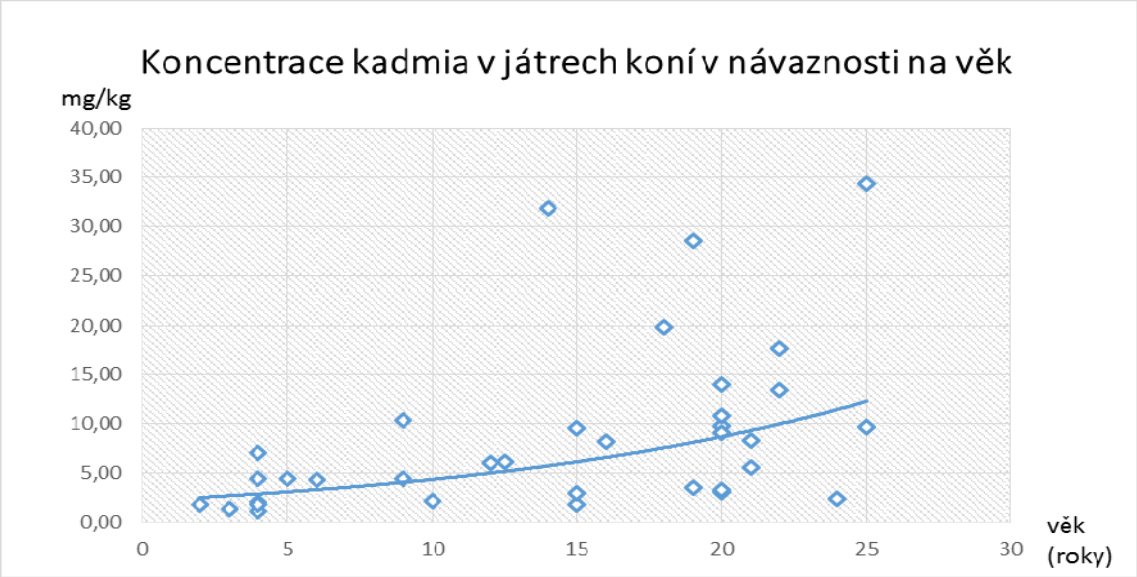
Matrix	N	N+	Min	Max	Max. limit	Age
Liver	35	35	1.15	34.3	0.5	2-25
Kidney	35	35	12.0	124	1.0	2-25

N – the number of samples; N+ – the number of samples exceeding maximum limit (unfit for human consumption)



Cadmium concentration in horse kidney in relation to age (mg/kg versus age in years)

Maximum limit Cd – 1.0 $mg.kg^{-1}$



Cadmium concentration in horse liver in relation to age (mg/kg versus age in years)

Maximum limit Cd: 0.5 $mg.kg^{-1}$

No measurable levels of chlorinated pesticides exceeding limits and prohibited drugs were detected in horsemeat. In meat of 5 horses (from 30 horses tested in total) the content of cadmium exceeding limit was detected. No unauthorised substances having a pharmacological effect were detected in urine and blood serum samples. Neither aflatoxins in liver, nor ochratoxin A in kidney were detected at measurable levels.

Map	Sampling of horses	p. 131
Table	Results for horses (6 sheets)	p. 132-137

4.9. Farmed cloven-hoofed animals

Game animals kept on farms in a commercial way are considered to be slaughter animals that are to be slaughtered at approved establishments or, under specified conditions, on farms using hunting weapons. No levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) were detected in muscle samples of such animals, except for one sample which contained the level of PCB in an interval between 50 % and 75 % of the action limit established on the basis of risk assessment at the same level of ML for farm animals (40 µg/g of fat). No concentrations of the residues of veterinary drugs or unauthorised substances having a hormonal action exceeding limits were detected in muscle and liver of these animals as well.

Map	Sampling of farmed cloven-hoofed animals	p. 138
Table	Results for farmed cloven-hoofed animals (3 sheets)	p. 139-141

4.10. Freshwater fish

The samples of mainly carps and trouts, but also of other fish species, originated from fish farming. In carps, no residues of unauthorised medicinal products and veterinary drugs were detected. Contrary to the previous year, no residues of malachite green and its metabolic form, leucomalachite green (a drug unauthorised for fish intended for human consumption) were proven. The content of chlorinated pesticides and PBC was at very low concentration and safely met hygiene limits. No non-compliant concentrations of the residues of veterinary drugs were detected in carp muscle samples; mycotoxins were not detected at measurable levels as well.

As opposed to a relatively favourable situation in carps, the situation in rainbow trouts is still warning. The residues of malachite green (MG) and its leuco-form (LMG) were detected on 4 holdings in total (on 7 holdings in the year 2014); in two cases of which concentrations exceeded the decision limit after exceeding of which the fish is unfit for human consumption (2.0 $\mu g.kg^{1}$) were concerned. One sample contained a high concentration of an unauthorised substance leuco-crystal violet (the same sample in which MG residues were found). These findings indicate 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 holdings concerned. Binding measures were ordered and fish containing more than the limit of 2.0 $\mu g.kg^{1}$ 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. Other monitored residues and contaminants in trout samples safely complied with specified limits; the residues of veterinary drugs were not detected.

As for another farmed fish species, the residues of malachite green (MG) and its leuco-form (LMG) above the decision limit of 2.0 $\mu g.kg^{-1}$ were not detected. The content of chlorinated pesticides and PCB in examined fish samples was very low and did not reach 50 % of hygiene limits; the concentrations of chemical elements complied safely with hygiene limits 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.

5. Wild game

The results of the examinations of muscle tissue of main wild game species are presented in this chapter. The muscle samples were taken mainly at game processing establishments. Whereas game animals shot using firearms with an ammunition containing **lead** are concerned, it is necessary to take the results of the detection of this element “with a pinch of salt” and with respect to a **possible contamination with projectiles**. Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs, as amended, does not establish any ML for lead in meat and organs of wild game animals. From the viewpoint of the prevention of an unnecessary load of consumers with lead, veterinary administration authorities assessed levels of lead exceeding the action limit of 0.1 $mg.kg^{-1}$ recommended by the Head of the Public Health Service as high, potentially threatening consumer health at a long-term consumption. Users of hunting 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 occurred during previous years. A certain improvement in the situation takes place gradually – due to prohibition on the use of lead shots for killing of wild water game birds (see Hunting Act No 449/2001, as amended, § 45 – in force since 31 December 2010 in swamp areas). Nevertheless, the concentration of lead exceeding limit was detected in 4 wild duck muscle samples; the content of mercury exceeding limit was detected in one wild duck muscle sample. The mentioned prohibition on the use of lead shots does not apply to other wild game birds; however, the level of lead exceeding limit was found in 10 samples of pheasant muscle. The content of chlorinated pesticides and polychlorinated biphenyls (PCB) complied with hygiene limits in all cases.

5.2. Hares

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

5.3. Wild boars (feral pigs)

The concentrations of lead exceeding limits were found in 4 muscle samples in total (in 2 cases in the last year); the ammunition containing lead was concerned in these cases as well. Even though, the findings must be assessed as serious with respect to the consumer load with lead. Individual hunters' associations, as well as game meat processors, were warned thereof. It is essential that the sites damaged with shots (as well as other damaged tissues) are assessed as "blood trimmings" and as sites with potentially highest contamination with lead and are removed from carcasses and seized (confiscated).

The residues of chlorinated pesticides did not exceed specified hygiene limits in any of examined samples. The concentration of NDL-PCB above maximum limit of 40 $ng.g^{-1}$ of fat established for domestic pigs was detected in one muscle sample. The level of NDL-PCB in another sample complied with the limit after the calculation of measurement uncertainty. The limit of 40 $ng.g^{-1}$ of fat is also used as an "action limit" at assessing the content of NDL-PCB with respect to fat content in game meat. No maximum limits of dioxins and DL-PCB are established for this animal species. Currently it seems that the contamination of wild boars with dioxins and PCBs is very individual and depends on site (e.g. sites of industrial dumping grounds, former military training areas, etc.). Non-ortho and mono-ortho PCB (DL-PCB) congeners represented a higher proportion of the total dioxin and DL-PCB sum. A higher contamination of wild boars with dioxins, as compared with domestic pigs, results probably from a direct contact of wild boars with soil contaminated with immissions containing dioxins. Brominated flame retardants (BFR) were not proven.

Laying of medicated feedingstuffs for the treatment of parasitic diseases of wild cloven-hoofed animals (deers and roe deers) has been performed in several hunting districts at the break of January and February already for six years. In order to check whether wild boars (as non-target animals) can swallow these medicated feedingstuffs, we perform tests for the detection of ivermectin (in liver), mebendazole and rafoxanide (in muscle) residues. All 10 liver samples of wild boars examined in the year 2015 were negative for ivermectin; muscle samples tested for mebendazole and rafoxanide complied as well.

5.4. Other cloven-hoofed animals

In the group of other cloven-hoofed animals (excluding wild boars), deers, sika deers, fallow dears and roe deers were examined. No non-complying result was found in meat of these animals in the year 2015, all detected analytes were in an interval under 50 %, as in the previous year.

6. Examination for "dioxins"

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

7. Conclusions

71 063 analyses in total were performed by the State Veterinary Administration of the Czech Republic within the monitoring of residues and contaminants in the year 2015, 69 926 from which as planned sampling, 82 as targeted examinations of suspect samples and 1 055 as analyses of samples of imported commodities. The total percentage of **non-compliant findings** was of **0.20 %** in the year assessed, which percentage is by 0.03 % higher than in the previous year.

The application of unauthorised drugs *via* water used for watering farm animals was not proven. In feedingstuffs and feed materials of animal origin, non-compliant results were detected in 0.13 % – non-compliant concentrations of feed additives (coccidiostats) in complete feedingstuffs/compound feedingstuffs for poultry and rabbits were concerned. In one case, a feedingstuff for pigs containing mycotoxins was found. Individual cases were solved to in co-operation with the CISTA. Other feedingstuffs and feed materials of animal origin complied with established maximum limits. Neither the residues of unauthorised VMPs, nor an illegal treatment were detected in feedingstuffs for farm animals. Imported fish meals complied with all applicable limits as well.

Samples of raw sheep milk, goat's milk and cow's milk complied with specified limits in all cases. Samples of hen eggs and quail's eggs complied with established maximum limits for monitored residues and contaminants; unauthorised substances were not detected.

Honey complied with specified limits for chemical elements, as well as for other monitored chemical substances and the residues of veterinary drugs. Only lead and cadmium were detected at detectable levels.

As for the residues of unauthorised substances, the residues of nortestosterone were detected in bovine and porcine urine. An on-the-spot enquiry detected that in the case of bovine animals the analyte found was of an endogenous origin (a physiological concentration with respect to the pregnancy of the animal concerned). In the case of pigs, an illegal treatment was not detected as well.

In the year 2015, the number of cases in which the residues of antibiotics in liver and kidney of sows were detected decreased. The residues of dihydrostreptomycin have been found most frequently for the last four years. The issue was solved to in the co-operation with the ISCVBM which negotiates with the holder of marketing authorisation of the drug concerned on limited use of the preparation containing this substance. The residues of dihydrostreptomycin were found in one sow only this year (and, furthermore, in one bull and one cow).

During last years, serious findings of non-compliant meat samples contaminated with PCB in bovine animals and pigs kept in old stables where no decontamination of old paints and plasters containing PCB was performed took place. One non-compliant result was detected also in the year 2015 – on a pig holding.

The concentration of mercury exceeding limit was detected during past years in adult bovine and porcine animals (in particular fattening animals). In addition to the examination of the influence of mercury in feedingstuffs and mineral feeding supplements, the possibility to influence the level of mercury in kidney by the use of certain types of vaccines and bio-preparations containing an antiseptic substance Thiomersal with an organic form of mercury (ethyl-mercury), as well as the relation between maximum permitted limit of mercury in feedingstuffs and tissues of farm animals, in particular in kidney, were considered theoretically. With respect to it, a real "decision limit" for the content of mercury in kidney of food animals (0.1 $mg.kg^{-1}$) has been implemented since 1 September 2014. The limit will be used as a maximum value after exceeding of which necessary measures aimed at consumer protection will be taken. This decision limit was exceeded in several cases in horse liver and kidney samples. In the year 2015, we increased the number of horse muscle, liver and kidney samples tested for the content of metals. We detected 100 % of non-compliant concentrations of metals in liver and kidney samples. We used these results as a basis to legislative amendment within the meaning of a general seizure (confiscation of liver and kidney of horses above 2 years of age.

No non-compliant results for monitored residues and contaminants were detected in poultry in all cases. In freshwater fish, the residues of an unauthorised substance, malachite green (MG) or its leucoform, leucomalachite green (LMG), respectively, were proven again which is a long-term issue in farming of these fish.

As for game animals, non-compliant levels of chemical elements (in particular lead) were detected most frequently, as a result of contamination with lead containing ammunition after hunting. With respect to the prevention of an unnecessary load of consumers with lead, veterinary administration authorities assessed levels of lead exceeding the action limit of 0.1 $mg.kg^{-1}$ recommended by the Head of the Public Health Service as high, potentially threatening consumer health at a long-term consumption. Mercury was detected in one case in muscle of a wild duck. Furthermore, the concentration of NDL-PCB exceeding maximum limit (40 $ng.g^{-1}$ of fat) established for domestic pigs was detected in one wild boar muscle sample.

With respect to a relatively low number of non-compliant samples revealed, health safety of raw materials and foodstuffs of animal origin can be, with respect to the content of residues and contaminants, assessed as favourable. However, the detection of the residues of veterinary drugs – antimicrobials must be regarded as

important, as well as the detection of prohibited colorants used for the treatment or prevention in farmed fish, in particular trouts, and repeated findings of PCB in pig meat as a result of a still continuing contamination of animal environment (old paints).

This publication is drawn up in an electronic form as the PDF file. Together with other issues of the Information Bulletin of the SVA CR, it is distributed on CD-ROM and presented on the official web page of the SVA CR

www.svscr.cz

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

General overview of the examination for residues according to commodities and sampling reasons in the year 2014

Commodity	Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish	**4 546**	**547**	**12,03**	**21**	**0,46**
Monitoring	4 346	537	12,36	19	0,44
Indicated sampling	10	6	60,00	2	20,00
Import	190	4	2,11	0	0,00
Farm animals	**53 857**	**1 803**	**3,35**	**88**	**0,16**
Monitoring	53 100	1 656	3,12	77	0,15
Indicated sampling	471	142	30,15	11	2,34
Import	286	5	0,00	0	0,00
Foodstuffs of animal origin	**7 468**	**204**	**2,73**	**1**	**0,01**
Monitoring	7 455	195	2,62	1	0,01
Indicated sampling	13	9	69,23	0	0,00
Import	0		0,00	0	0,00
Animal feed	**5 534**	**869**	**15,70**	**8**	**0,14**
Monitoring	5 040	737	14,62	6	0,12
Indicated sampling	35	20	57,14	2	5,71
Import	459	112	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	**66**	**0**	**0,00**	**0**	**0,00**
Monitoring	65	0	0,00	0	0,00
Indicated sampling	1	0	0,00	0	0,00
Import	0	0	0,00	0	0,00

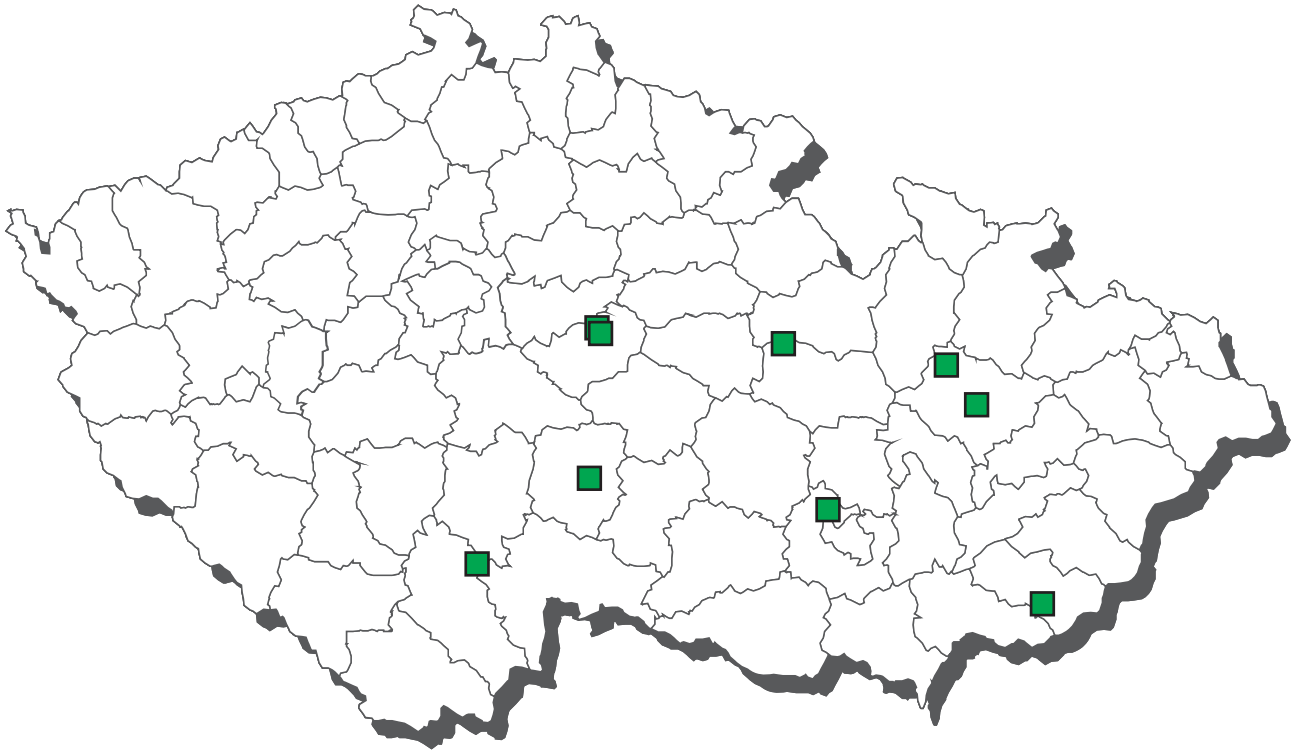
Total all samples	**71 471**	**3 423**	**4,79**	**118**	
Monitoring	**70 006**	**3 125**	**4,46**	**103**	**0,15**
Indicated sampling	**530**	**177**	**33,40**	**15**	**2,83**
Import	**935**	**121**	**12,94**	**0**	**0,00**

General overview of the examination for residues according to commodities and sampling reasons in the year 2015

Commodity		Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish		**4 144**	**555**	**13,39**	**29**	**0,70**
	Monitoring	3 750	537	14,32	26	0,69
	Indicated sampling	20	1	5,00	1	5,00
	Import	374	17	4,55	2	0,53
Farm animals		**53 665**	**1 518**	**2,83**	**103**	**0,19**
	Monitoring	53 392	1 508	2,82	99	0,19
	Indicated sampling	49	5	10,20	4	8,16
	Import	224	5	0,00	0	0,00
Foodstuffs of animal origin		**7 673**	**183**	**2,38**	**0**	**0,00**
	Monitoring	7 673	183	2,38	0	0,00
	Indicated sampling	0	0	0,00	0	0,00
	Import	0	0	0,00	0	0,00
Animal feed		**5 516**	**789**	**14,30**	**7**	**0,13**
	Monitoring	5 046	616	12,21	7	0,14
	Indicated sampling	13	8	61,54	0	0,00
	Import	457	165	0,00	0	0,00
Waters		**65**	**0**	**0,00**	**0**	**0,00**
	Monitoring	65	0	0,00	0	0,00
	Indicated sampling	0	0	0,00	0	0,00
	Import	0	0	0,00	0	0,00

Total all samples		**71 063**	**3 045**	**33**	**139**	
	Monitoring	**69 926**	**2 844**	**4,07**	**132**	**0,19**
	Indicated sampling	**82**	**14**	**17,07**	**5**	**6,10**
	Import	**1 055**	**187**	**17,73**	**2**	**0,19**

CL 2015 - sampling of fish meals

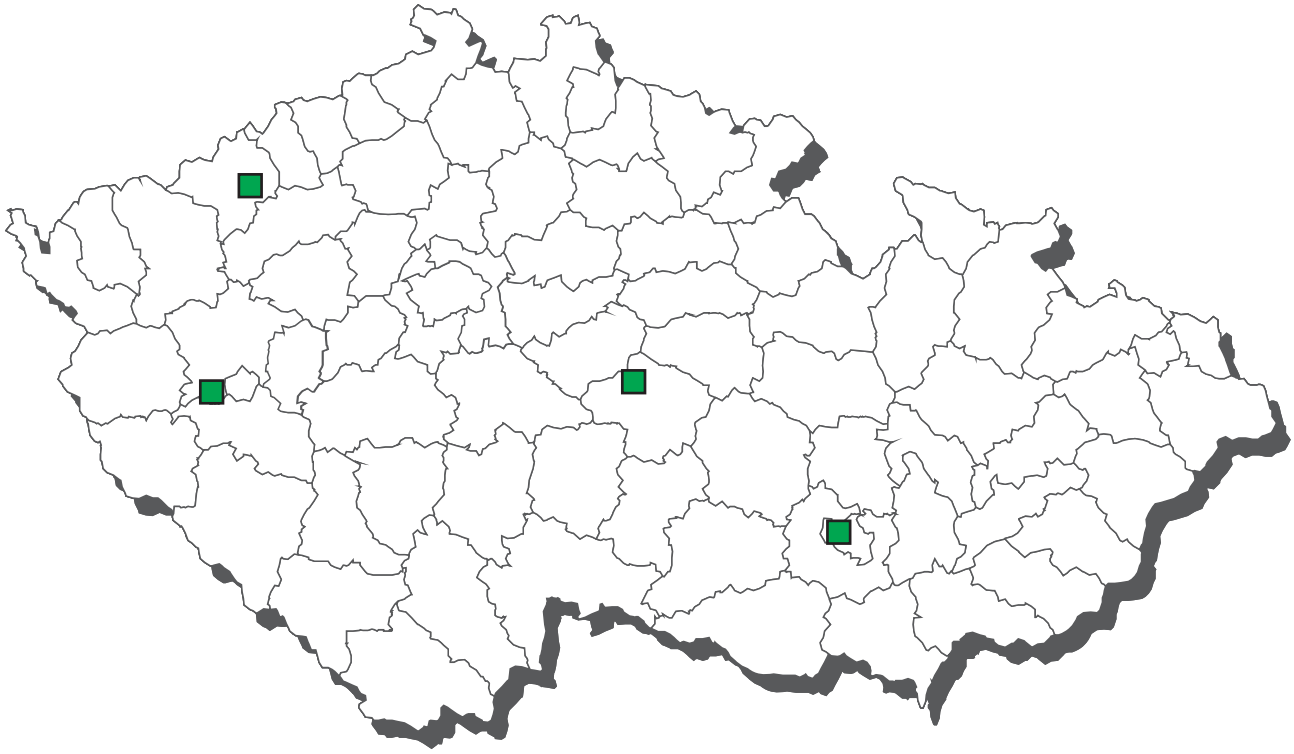


fish meals - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin, dieldrin (suma)	10	0	0,0	0	0,0	0,00022	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	chlordan	10	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	DDT (sum)	10	5	50,0	0	0,0	0,00221	0,00075	0,00461	0,00830	mg/kg 12% moisture
B3a	WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,47400	0,46900	0,53300	0,54900	ng/kg 12% moisture
B3a	WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	1,28667	1,28000	1,37600	1,40000	ng/kg 12% moisture
B3a	endrin	10	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg 12% moisture
B3a	enundersulfan - sum	10	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	hexachlorbenzen	10	2	20,0	0	0,0	0,00040	n.d.	0,00062	0,00170	mg/kg 12% moisture
B3a	heptachlor	10	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	alfa-HCH	10	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	beta-HCH	10	0	0,0	0	0,0	0,00022	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	gama-HCH (lindan)	10	1	10,0	0	0,0	0,00025	n.d.	0,00050	0,00050	mg/kg 12% moisture
B3a	sum PCB	11	5	45,5	0	0,0	1,64923	n.d.	4,30000	7,19280	µg/kg 88% dry matter
B3a	sum PCB	2	1	50,0	0	0,0	0,56550	0,56550	0,77790	0,83100	ng/g 12% moisture
B3a	toxaphene (sum)	10	0	0,0	0	0,0	0,00074	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3c	arsenic inorganic	14	0	0,0	0	0,0	0,03500	n.d.	n.d.	0,03500	mg/kg 12% moisture
B3c	arsenic	23	23	100,0	0	0,0	6,40783	5,38000	9,24000	12,90000	mg/kg 12% moisture
B3c	cadmium	9	9	100,0	0	0,0	0,27867	0,18100	0,68600	0,91000	mg/kg 12% moisture
B3c	mercury	23	23	100,0	0	0,0	0,11238	0,09570	0,18500	0,29200	mg/kg 12% moisture
B3c	methylmercury	14	14	100,0	0	0,0	0,08286	0,07300	0,12880	0,23400	mg/kg 12% moisture
B3c	lead	9	8	88,9	0	0,0	0,11033	0,05600	0,26200	0,27000	mg/kg 12% moisture
B3c	tin	14	12	85,7	0	0,0	0,04586	0,02450	0,10410	0,18800	mg/kg 12% moisture
B3f	2,4,4'-TriBDE	3	3	100,0	0	0,0	0,02687	0,02720	0,02968	0,03030	ng/g
B3f	2,2',4,4'-TetraBDE	3	3	100,0	0	0,0	0,52600	0,52300	0,62860	0,65500	ng/g
B3f	2,2',4,4',5-PentaBDE	3	3	100,0	0	0,0	0,07467	0,06600	0,08840	0,09400	ng/g
B3f	2,2',4,4',6-PentaBDE	3	3	100,0	0	0,0	0,14267	0,13300	0,18660	0,20000	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	3	3	100,0	0	0,0	0,02220	0,01860	0,03308	0,03670	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	3	3	100,0	0	0,0	0,11580	0,10900	0,16660	0,18100	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a	chlordan	MRL - 0,02 mg/kg 12% moi.	10	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,05 mg/kg 12% moi.	10	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	ML - 0,75 ng/kg 12% moi.	0	3	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 1,5 ng/kg 12% moi.	0	0	3	0	0	0
B3a	endrin	MRL - 0,01 mg/kg 12% moi.	10	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,1 mg/kg 12% moi.	10	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,01 mg/kg 12% moi.	10	0	0	0	0	0
B3a	heptachlor	MRL - 0,01 mg/kg 12% moi.	10	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,02 mg/kg 12% moi.	10	0	0	0	0	0
B3a	beta-HCH	MRL - 0,01 mg/kg 12% moi.	10	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,2 mg/kg 12% moi.	10	0	0	0	0	0
B3a	sum PCB	ML - 10 µg/kg 12% moi.	10	1	0	0	0	0
B3a	toxaphene (sum)	MRL - 0,2 mg/kg 12% moi.	10	0	0	0	0	0
B3c	arsenic inorganic	AL - 2 mg/kg 12% moi.	14	0	0	0	0	0
B3c	arsenic	ML - 25 mg/kg 12% moi.	22	1	0	0	0	0
B3c	cadmium	ML - 2 mg/kg 12% moi.	9	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg 12% moi.	22	1	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg 12% moi.	13	1	0	0	0	0
B3c	lead	ML - 10 mg/kg 12% moi.	9	0	0	0	0	0
B3c	tin	AL - 10 mg/kg 12% moi.	14	0	0	0	0	0

CL 2015 - sampling of feed materials of animal origin

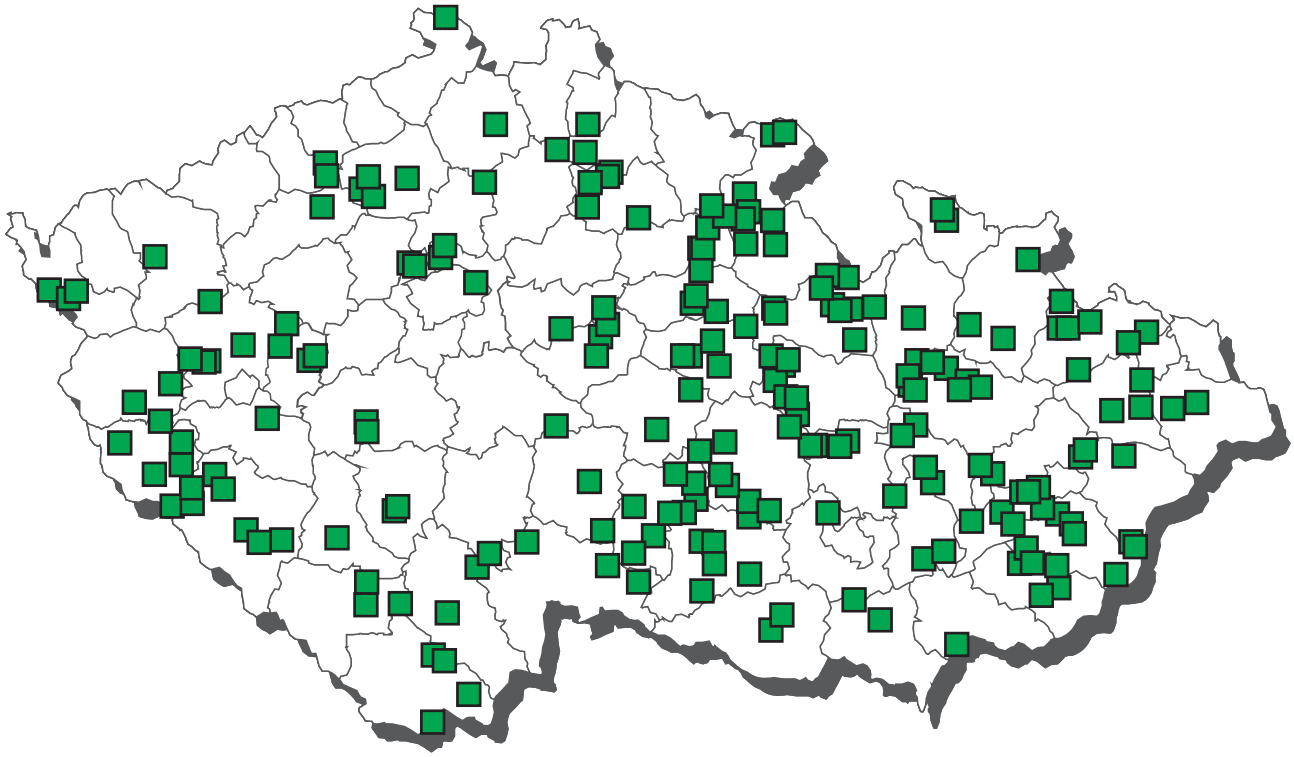


feed materials of animal origin - monitoring

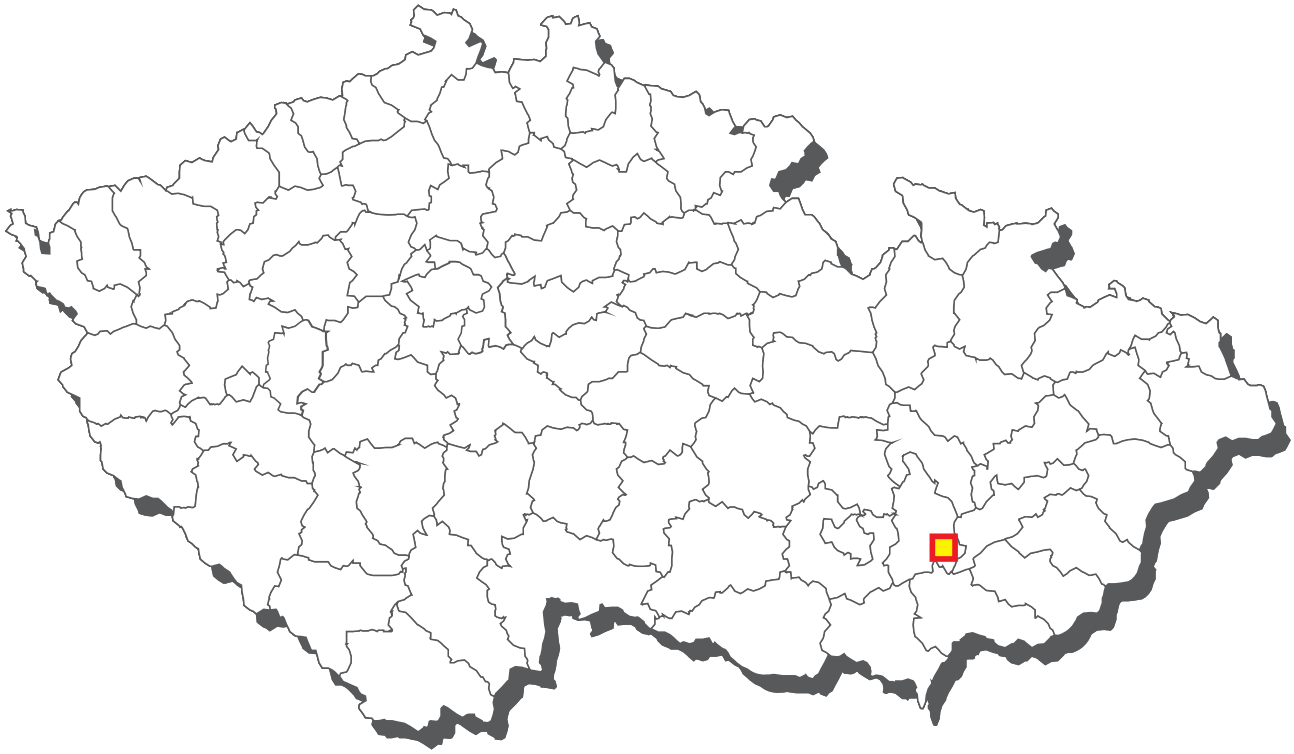
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	WHO-PCDD/F-TEQ	4	4	100,0	0	0,0	0,31650	0,22100	0,50820	0,62700	ng/kg 12% moisture
B3a	WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	0,81650	0,62800	1,32120	1,59000	ng/kg 12% moisture
B3a	OCDD	4	4	100,0	0	0,0	20,40000	3,06500	52,56900	73,50000	ng/kg 12% moisture
B3a	OCDF	4	1	25,0	0	0,0	0,36288	n.d.	0,87115	1,21000	ng/kg 12% moisture
B3a	sum PCB	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg 88% dry matter
B3f	2,4,4'-TriBDE	4	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	4	4	100,0	0	0,0	0,06150	0,05850	0,07960	0,08800	ng/g
B3f	2,2',4,4',5-PentaBDE	4	4	100,0	0	0,0	0,06775	0,06900	0,08820	0,09600	ng/g
B3f	2,2',4,4',6-PentaBDE	4	3	75,0	0	0,0	0,01325	0,01550	0,01670	0,01700	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	4	4	100,0	0	0,0	0,03163	0,02770	0,04972	0,05890	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	4	2	50,0	0	0,0	0,01413	0,01030	0,02631	0,03090	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	4	4	100,0	0	0,0	0,05615	0,05850	0,07091	0,07460	ng/g

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a	WHO-PCDD/F-TEQ	ML - 1,5 ng/kg 12% moi.	4	0	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 2 ng/kg 12% moi.	3	0	1	0	0	0
B3a	sum PCB	ML - 10 µg/kg 12% moi.	4	0	0	0	0	0

CL 2015 - sampling of complete and supplementary feedingstuffs



Complete and supplementary feedingstuffs - non-compliant results 2015



deoxinivalenol

complete and supplementary feedingstuffs - monitoring

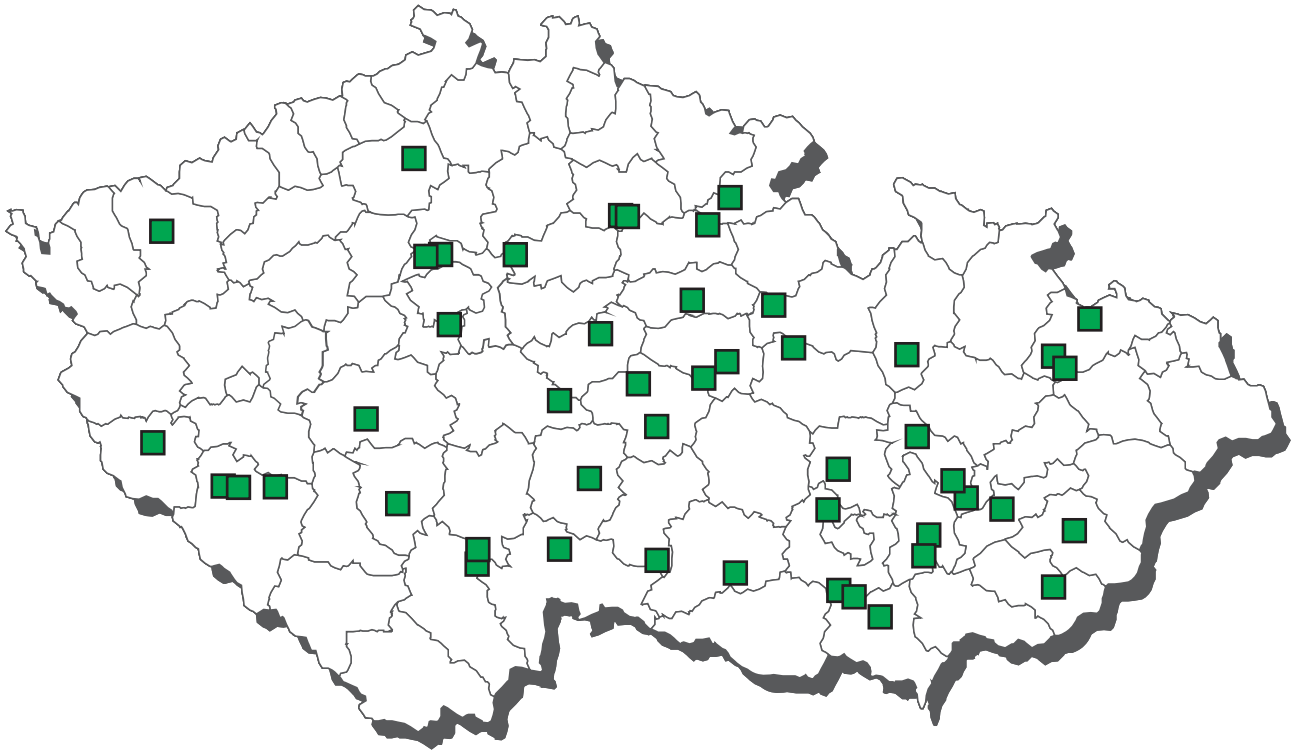
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin	66	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	aldrin, dieldrin (suma)	66	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	chlordan	66	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	DDT (sum)	66	2	3,0	0	0,0	0,00042	n.d.	n.d.	0,00080	mg/kg 12% moisture
B3a	endrin	66	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg 12% moisture
B3a	enundersulfan - sum	66	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	hexachlorbenzen	66	1	1,5	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	heptachlor	66	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	alfa-HCH	66	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a	beta-HCH	66	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	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	sum PCB	66	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g 12% moisture
B3a	toxaphene (sum)	66	0	0,0	0	0,0	0,00081	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3b	diazinone	86	0	0,0	0	0,0	0,00165	n.d.	n.d.	0,00200	mg/kg 12% moisture
B3b	phorate	86	0	0,0	0	0,0	0,00199	n.d.	n.d.	0,00250	mg/kg 12% moisture
B3b	pyrimiphosmethyl	86	11	12,8	0	0,0	0,00373	n.d.	0,00650	0,04500	mg/kg 12% moisture
B3c	arsenic	89	67	75,3	0	0,0	0,15843	0,05800	0,49400	2,34000	mg/kg 12% moisture
B3c	cadmium	89	87	97,8	0	0,0	0,05256	0,04100	0,09340	0,21100	mg/kg 12% moisture
B3c	mercury	89	66	74,2	0	0,0	0,00192	0,00100	0,00360	0,03600	mg/kg 12% moisture
B3c	lead	89	82	92,1	0	0,0	0,15340	0,10000	0,30400	1,12000	mg/kg 12% moisture
B3d	deoxinivalenol	86	60	69,8	1	1,2	497,15814	230,15000	1254,35000	1298,90000	µg/kg 12% moisture
B3d	ochratoxin A	86	34	39,5	0	0,0	1,23233	n.d.	1,25500	54,50000	µg/kg 12% moisture
B3d	aflatoxin B2	86	6	7,0	0	0,0	0,16315	n.d.	n.d.	1,39400	µg/kg 12% moisture
B3d	zearalenone	86	37	43,0	0	0,0	56,95174	n.d.	126,70000	885,80000	µg/kg 12% moisture

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a	aldrin, dieldrin (suma)	MRL - 0,01 mg/kg 12% moi.	66	0	0	0	0	0
B3b	diazinone	AL - 0,02 mg/kg 12% moi.	86	0	0	0	0	0
B3b	phorate	AL - 0,05 mg/kg 12% moi.	86	0	0	0	0	0
B3b	pyrimiphosmethyl	AL - 5 mg/kg 12% moi.	86	0	0	0	0	0
B3c	arsenic	ML - 2 mg/kg 12% moi.	87	1	0	1*	0	0
B3c	cadmium	ML - 0,5 mg/kg 12% moi.	89	0	0	0	0	0
B3c	mercury	ML - 0,1 mg/kg 12% moi.	89	0	0	0	0	0
B3c	lead	ML - 5 mg/kg 12% moi.	89	0	0	0	0	0
B3d	deoxinivalenol	AL - 900 µg/kg 12% moistur	86	0	0	1	0	0
B3d	ochratoxin A	AL - 250 µg/kg 12% moistur	86	0	0	0	0	0
B3d	aflatoxin B2	MRL - 10 µg/kg 12% moistu	86	0	0	0	0	0
B3d	zearalenone	AL - 2000 µg/kg 12% moistu	86	0	0	0	0	0

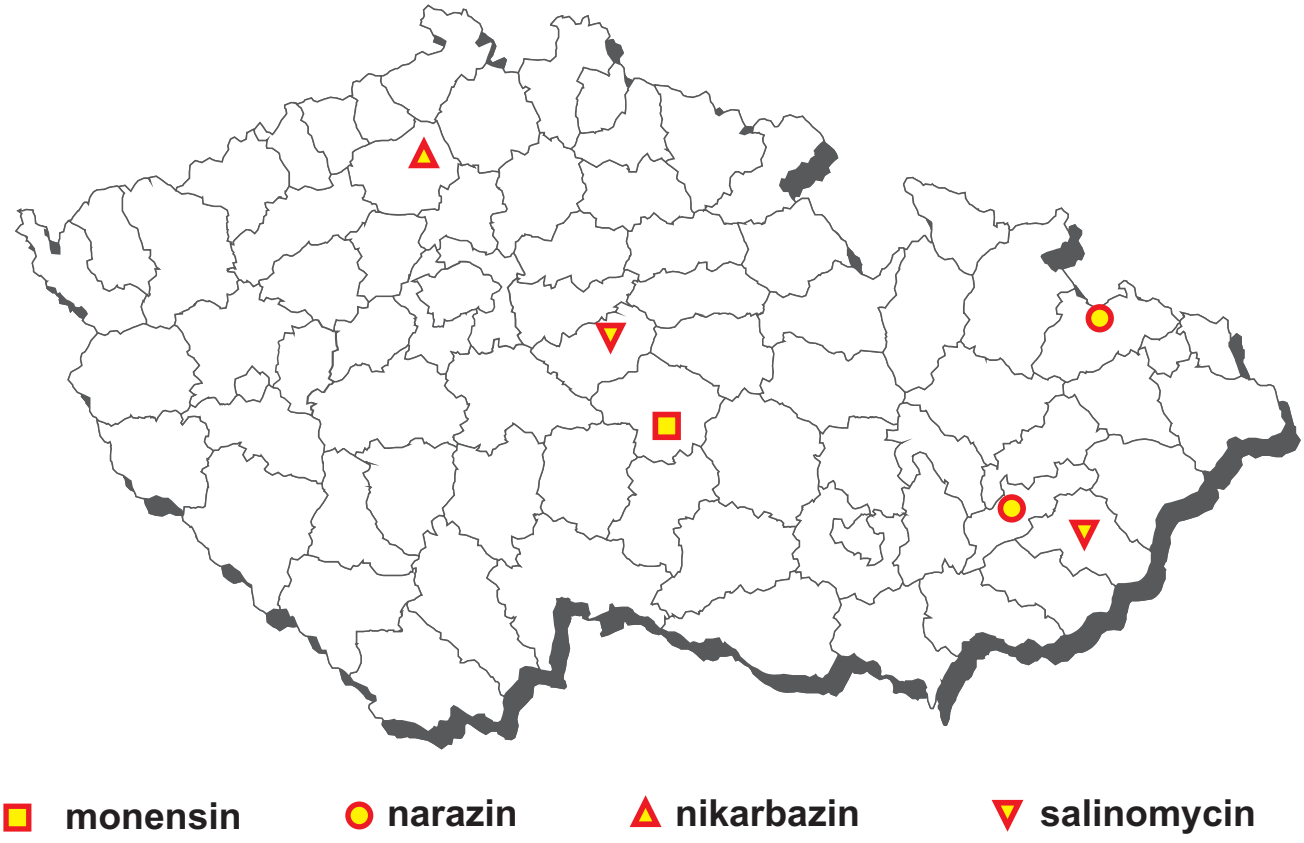
* compliant (within expanded uncertainty of measurement)

sampling date	cadastral district (sampling)	origin	value
deoxinivalenol			
3.11.2015	Vyškov	Uhřice	1298,9 µg/kg 12% moi.

CL 2015 - sampling of compound feedingstuffs for poultry



Compound feedingstuffs for poultry - non-compliant results 2015



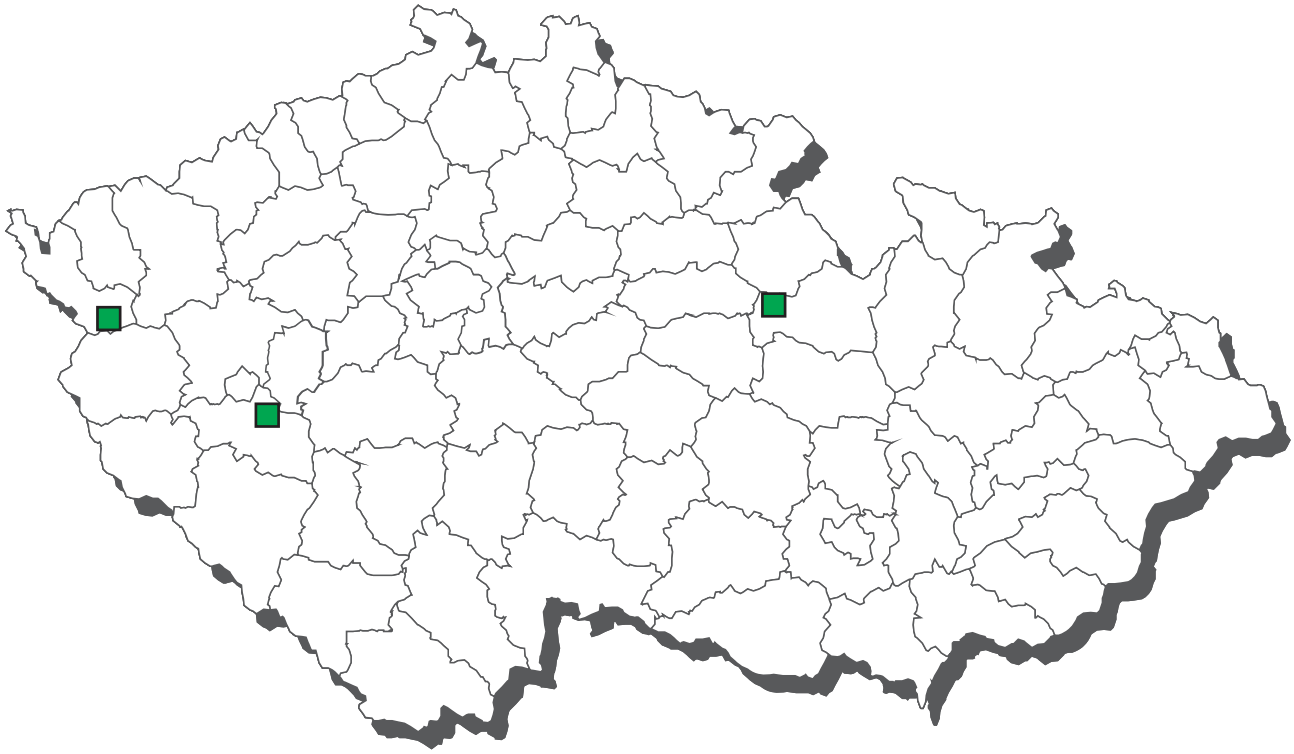
compound feedingstuffs for poultry - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	10	0	0,0	0	0,0	8,10000	n.d.	n.d.	8,10000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	1,50000	n.d.	n.d.	1,50000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	1,20000	n.d.	n.d.	1,20000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A6	ornidazol	10	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A6	ronidazole	10	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/kg
A6	secnidazol	10	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
A6	ternidazol	10	0	0,0	0	0,0	2,25000	n.d.	n.d.	2,25000	µg/kg
A6	tinidazol	10	0	0,0	0	0,0	1,45000	n.d.	n.d.	1,45000	µg/kg
B1	sulfachlorpyridazine	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfadimidine	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfadimethoxine	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfaunderxine	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfamerazine	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfamethoxydiazine	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfaquinoxaline	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfathiazole	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfamethoxazole	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfadiazine	15	0	0,0	0	0,0	170,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B2b	decoquinat	64	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	diclazuril	64	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg 12% moisture
B2b	halofuginone	64	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	lasalocid	64	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	maduramicin	64	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	monensin	64	7	10,9	**1**	**1,6**	0,10542	n.d.	0,14170	1,80000	mg/kg 12% moisture
B2b	narasin	64	15	23,4	**2**	**3,1**	0,97531	n.d.	5,00000	13,03000	mg/kg 12% moisture
B2b	nicarbazin	64	2	3,1	**1**	**1,6**	0,16016	n.d.	n.d.	7,01000	mg/kg 12% moisture
B2b	robenidin	64	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	salinomycin	64	13	20,3	**2**	**3,1**	0,19947	n.d.	0,32220	5,00000	mg/kg 12% moisture
B2b	semduramicin	64	0	0,0	0	0,0	0,03242	n.d.	n.d.	0,05000	mg/kg 12% moisture

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

sampling date	cadastral dist. (sampling)	origin	value
monensin			
21.10.2015	Hradec Králové	Havlíčkův Brod	1,8 mg/kg 12% moi.
narasin			
16.3.2015	Houndernín	Kroměříž	0,794 mg/kg 12% moi.
4.5.2015	Nový Jičín	Opava-Předměstí	13,03 mg/kg 12% moi.
nicarbazin			
11.11.2015	Litoměřice	Libínky	7,01 mg/kg 12% moi.
salinomycin			
21.5.2015	Pardubice	Perštejnec	5 mg/kg 12% moi.
24.6.2015	Vsetín	Lípa nad Dřevnicí	1,618 mg/kg 12% moi.

CL 2015 - sampling of compound feedingstuffs for rabbits



Compound feedingstuffs for rabbits - non-compliant results 2015

salinomycin

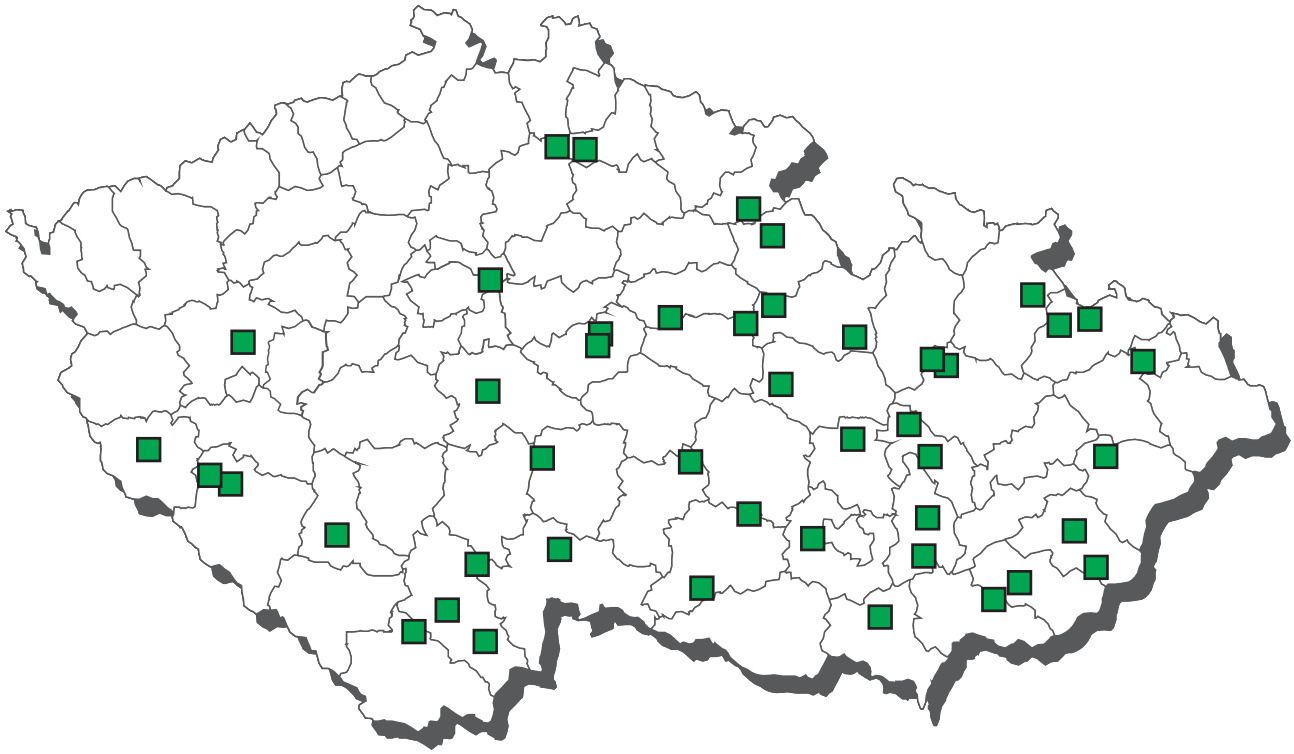
compound feedingstuffs for rabbits - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	sulfachlorpyridazine	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfadimidine	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfadimethoxine	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfaunderxine	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfamerazine	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfamethoxydiazine	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfaquinoxaline	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfathiazole	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfamethoxazole	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B1	sulfadiazine	5	0	0,0	0	0,0	210,00000	n.d.	n.d.	250,00000	µg/kg 88% dry matter
B2b	decoquinat	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	diclazuril	6	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg 12% moisture
B2b	halofuginone	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	lasalocid	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	maduramicin	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b	monensin	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	narasin	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	nicarbazin	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b	robenidin	6	1	16,7	0	0,0	0,16683	n.d.	0,40050	0,75100	mg/kg 12% moisture
B2b	salinomycin	6	2	33,3	**1**	**16,7**	0,86417	n.d.	2,49250	4,74700	mg/kg 12% moisture
B2b	semduramicin	6	0	0,0	0	0,0	0,03333	n.d.	n.d.	0,05000	mg/kg 12% moisture

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

sampling date	cadastral dist. (sampling)	origin	value
salinomycin			
28.8.2015	Cheb	Velká Hleďsebe	4,747 mg/kg 12% moi.

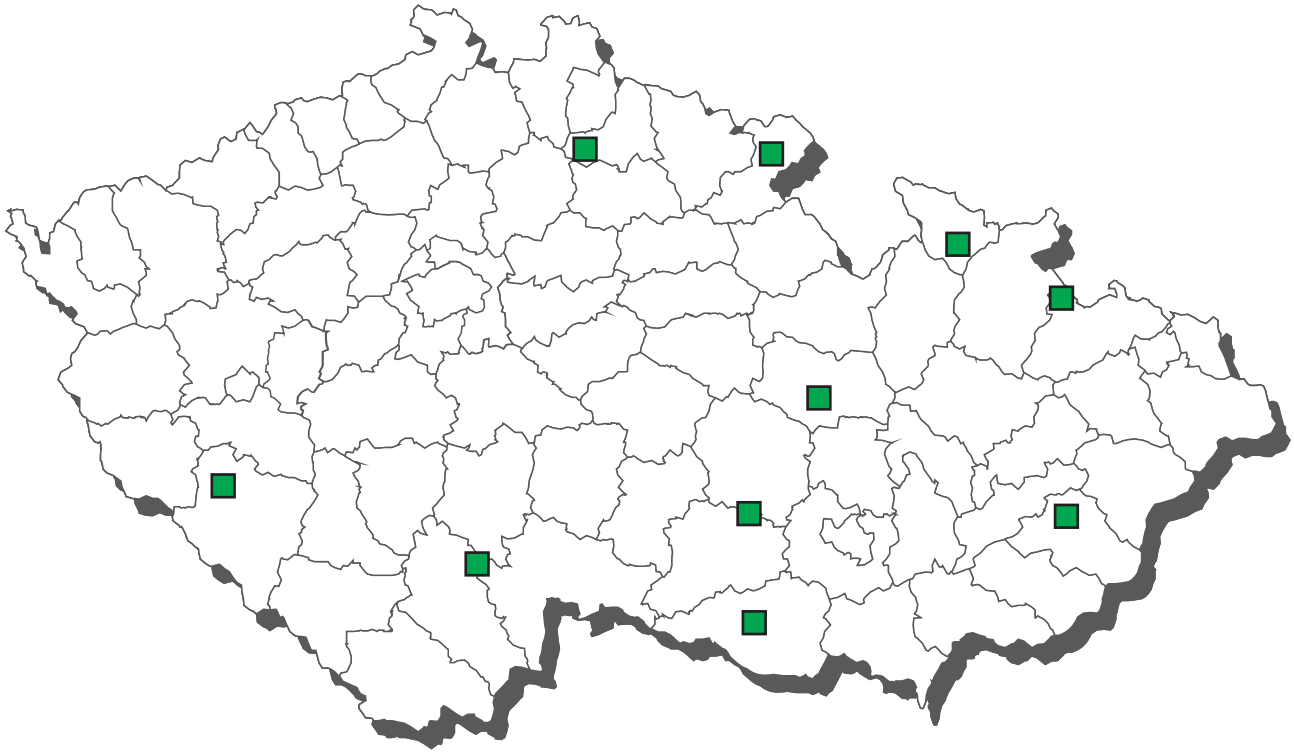
CL 2015 - sampling of compound feedingstuffs for swine animals



compound feedingstuffs for swine animals - monitoring

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

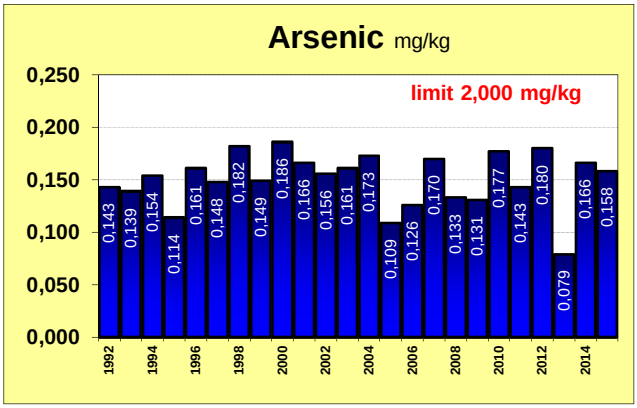
CL 2015 - sampling of compound feedingstuffs for bovine

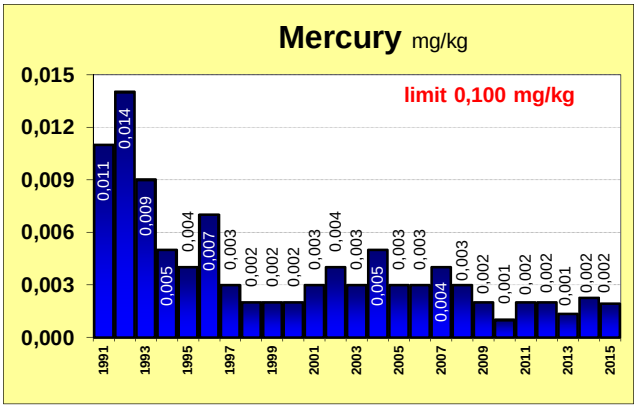


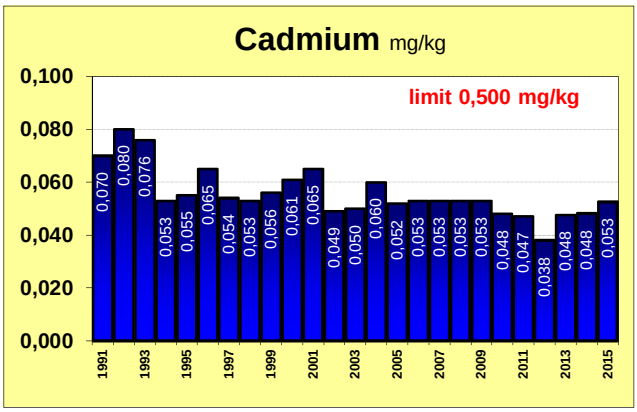
compound feedingstuffs for bovine animals - monitoring

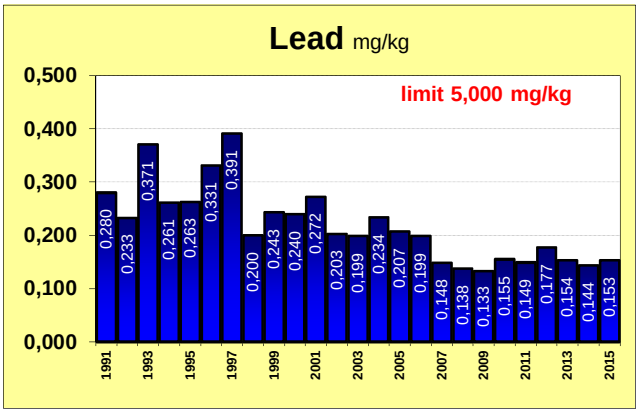
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	10	0	0,0	0	0,0	1,65000	n.d.	n.d.	1,65000	µg/kg
A5	clenbuterol	10	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/kg
A5	mabuterol	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
A5	salbutamol	10	0	0,0	0	0,0	0,90000	n.d.	n.d.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

The average content of residues in complete and supplementary feedingstuffs

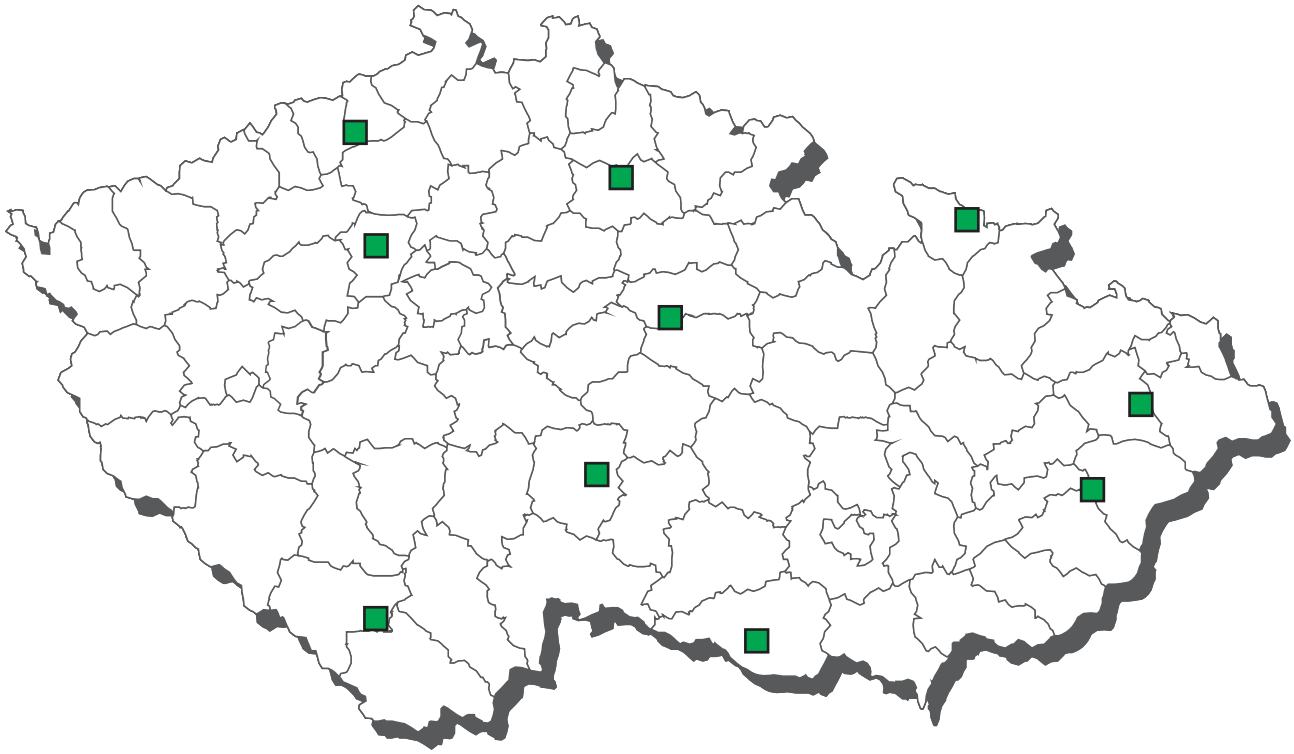








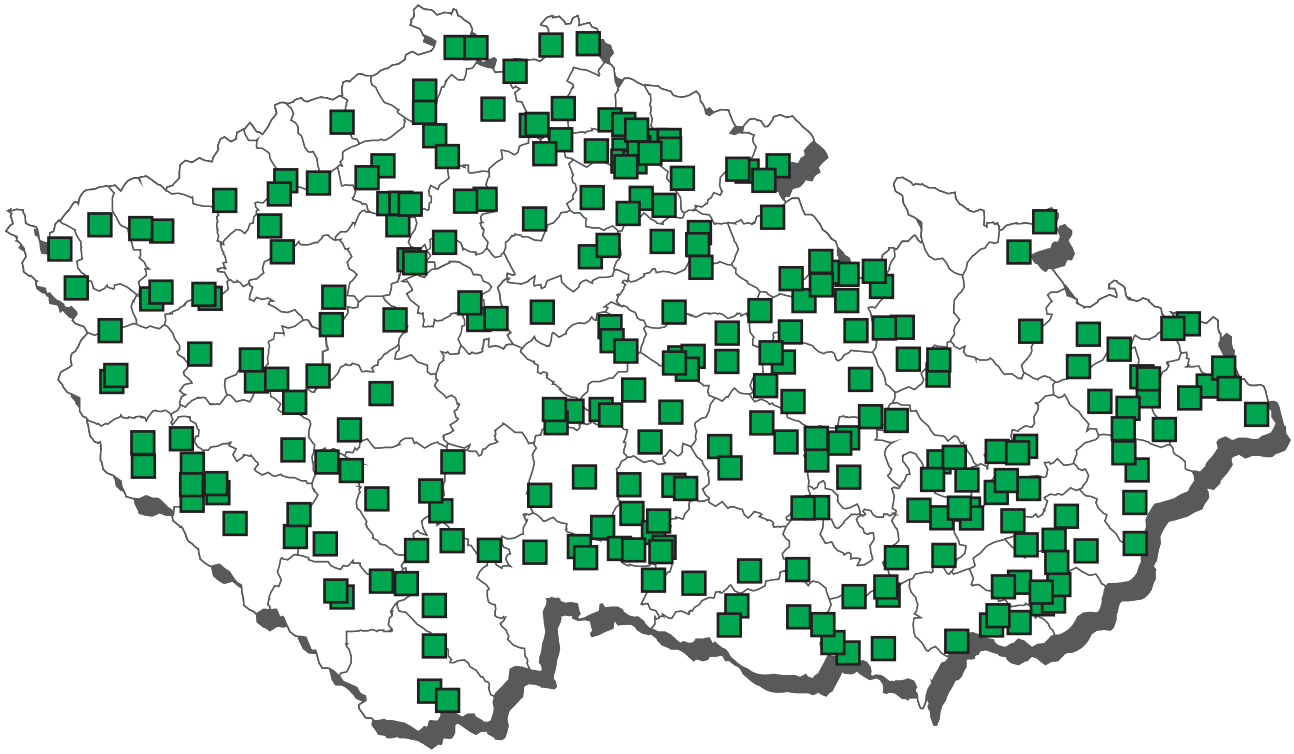
CL 2015 - sampling of water used for watering farm animals



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	0,15000	n.d.	n.d.	0,15000	µg/l
A6	carnidazol	5	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/l
A6	dimetridazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ipronidazole	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	metronidazole	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ornidazol	5	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A6	ronidazole	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A6	secnidazol	5	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/l
A6	ternidazol	5	0	0,0	0	0,0	0,80000	n.d.	n.d.	0,80000	µg/l
A6	tinidazol	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l

CL 2015 - sampling of raw cow's milk



raw cow's milk - monitoring

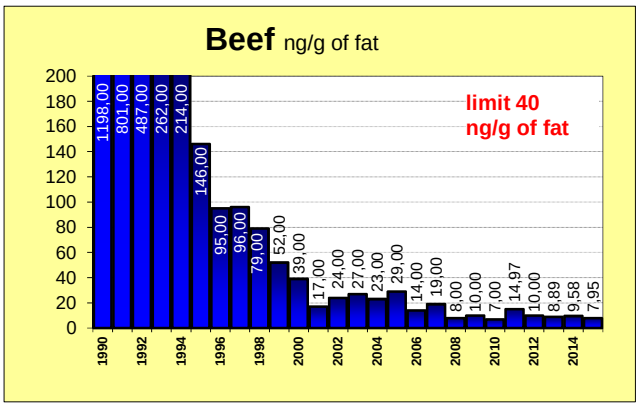
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A2	tapazole	22	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A2	thiouracil	22	0	0,0	0	0,0	0,75000	n.d.	n.d.	0,75000	µg/l
A2	methylthiouracil	22	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/l
A2	propylthiouracil	22	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	brombuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	cimbuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	clenbuterol	10	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/l
A5	chlorbrombuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/l
A5	labetalol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	10	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A5	pirbuterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	salmeterol	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	10	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A5	tulobuterol	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	10	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A6	AHD	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	AMOZ	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	AOZ	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	dapsone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	chloramphenicol	58	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	SEM	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
B1	betalactams	75	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	77	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	73	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	73	0	0,0	0	0,0	32,36301	n.d.	n.d.	62,50000	µg/kg
B1	tetracyclines	75	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	albendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	underramectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	fenbendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	ivermectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	levamisole	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	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	moxidectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	oxfendazole	15	0	0,0	0	0,0	3,75000	n.d.	n.d.	5,00000	µg/kg
B2a	rafoxanid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	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	cyhalothrin	12	0	0,0	0	0,0	0,00091	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	12	0	0,0	0	0,0	0,00158	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	12	0	0,0	0	0,0	0,00155	n.d.	n.d.	0,00250	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	12	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	12	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2e	carprofen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B2e	flufenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

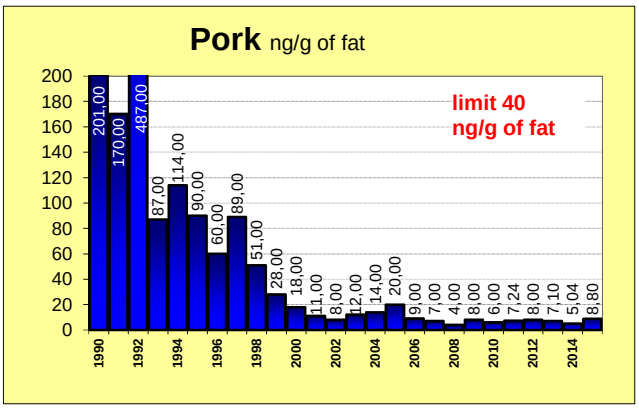
raw cow's milk - monitoring - (continuation)

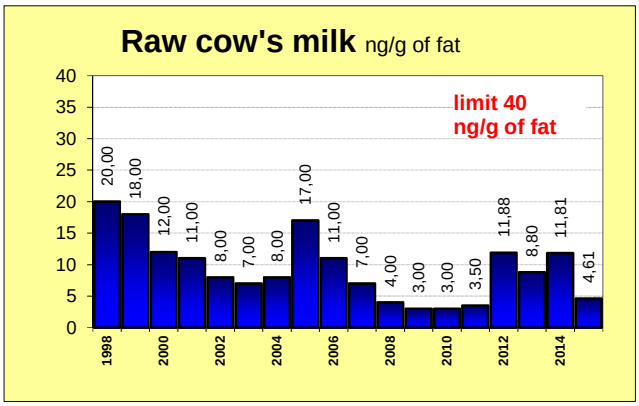
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e	metamizol	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	15	0	0,0	0	0,0	0,00029	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	DDT (sum)	15	1	6,7	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	WHO-PCDD/F-TEQ	5	2	40,0	0	0,0	0,30280	n.d.	0,50820	0,59900	pg/g fat
B3a	WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	0,94560	0,68300	1,56400	1,68000	pg/g fat
B3a	endrin	15	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	15	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	15	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	15	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	15	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	15	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	15	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	20	1	5,0	0	0,0	4,60591	n.d.	n.d.	11,11820	ng/g fat
B3b	diazinone	4	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00200	mg/kg
B3b	phorate	4	0	0,0	0	0,0	0,00213	n.d.	n.d.	0,00250	mg/kg
B3b	pyrimiphosmethyl	4	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00200	mg/kg
B3c	arsenic	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	cadmium	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3d	aflatoxin M2	35	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg
B3f	2,4,4'-TriBDE	5	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	5	1	20,0	0	0,0	0,00328	n.d.	0,00464	0,00600	ng/g
B3f	2,2',4,4',5-PentaBDE	5	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f	2,2',4,4',6-PentaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	5	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

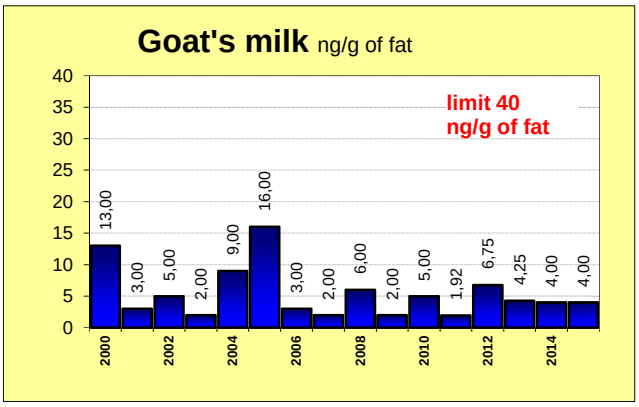
	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfachlorpyridazine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	73	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	73	0	0	0	0	0
B2a	albendazole	MRL - 100 µg/kg	5	0	0	0	0	0
B2a	eprinomectin	MRL - 20 µg/kg	15	0	0	0	0	0
B2a	fenbendazole	MRL - 10 µg/kg	5	0	0	0	0	0
B2a	moxidectin	MRL - 40 µg/kg	15	0	0	0	0	0
B2a	oxfendazole	MRL - 10 µg/kg	5	10	0	0	0	0
B2a	rafoxanid	MRL - 10 µg/kg	5	0	0	0	0	0
B2a	thiabendazole	MRL - 100 µg/kg	5	0	0	0	0	0
B2a	triclabendazole	MRL - 10 µg/kg	5	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	cypermethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2e	diclofenac	MRL - 0,1 µg/kg	0	6	0	0	0	0
B2e	flunixin	MRL - 40 µg/kg	6	0	0	0	0	0
B2e	meloxicam	MRL - 15 µg/kg	6	0	0	0	0	0
B2e	metamizol	MRL - 50 µg/kg	6	0	0	0	0	0
B2e	tolfenamic acid	MRL - 50 µg/kg	6	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,006 mg/kg	15	0	0	0	0	0
B3a	chlordan	MRL - 0,002 mg/kg	15	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,04 mg/kg	15	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	5	0	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 5,5 pg/g fat	5	0	0	0	0	0
B3a	endrin	MRL - 0,0008 mg/kg	15	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	15	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3a	heptachlor	MRL - 0,004 mg/kg	15	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,004 mg/kg	15	0	0	0	0	0
B3a	beta-HCH	MRL - 0,003 mg/kg	15	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,001 mg/kg	9	6	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	20	0	0	0	0	0
B3b	diazinone	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3b	phorate	MRL - 0,01 mg/kg	4	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3c	arsenic	AL - 0,05 mg/kg	2	0	0	0	0	0
B3c	cadmium	AL - 0,01 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,02 mg/kg	2	0	0	0	0	0
B3d	aflatoxin M2	ML - 0,05 µg/kg	35	0	0	0	0	0

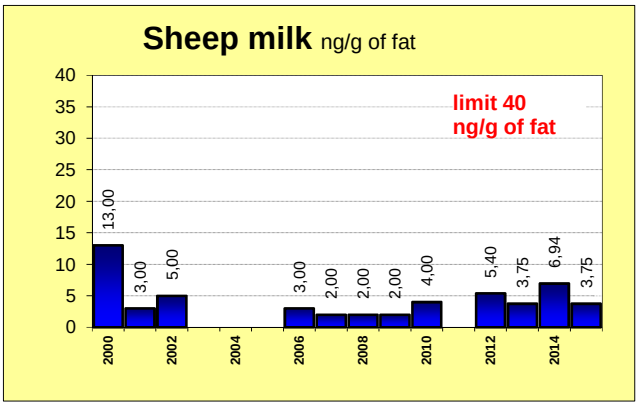
The average PCB sum content in foodstuffs and raw materials



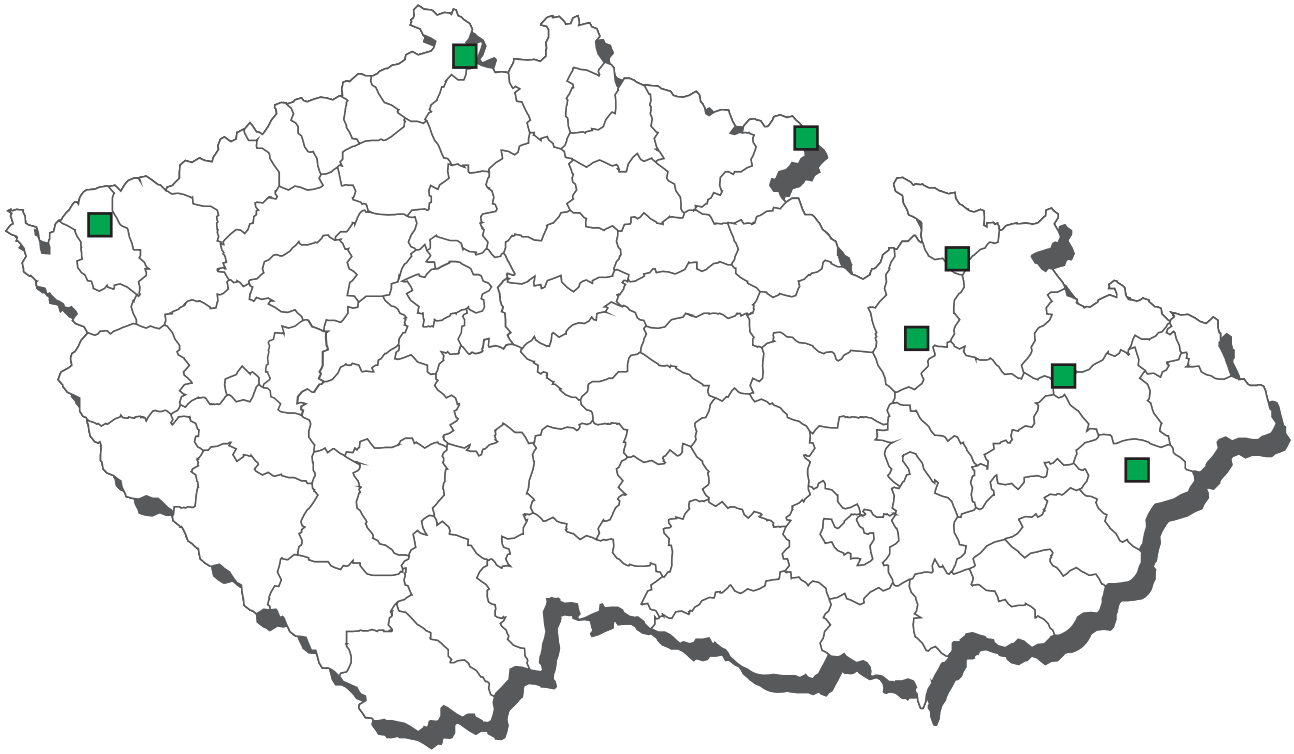








CL 2015 - sampling of raw sheep milk



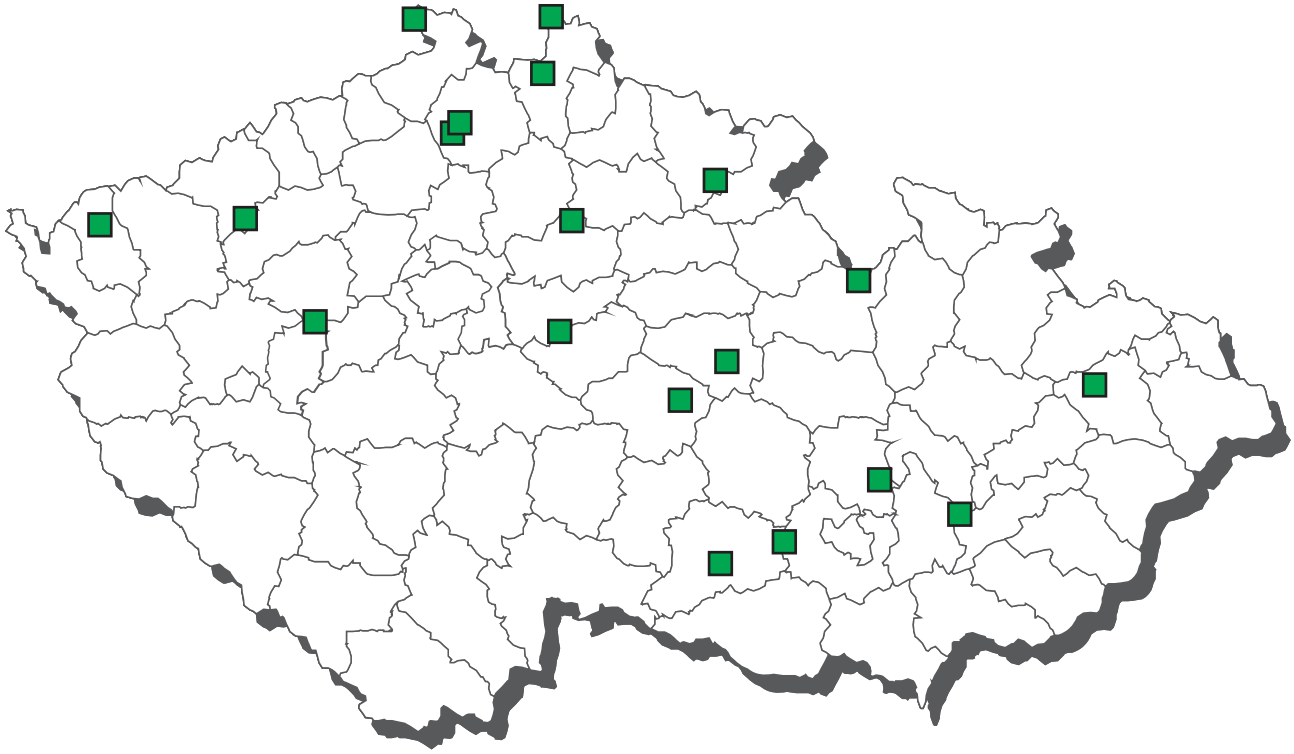
raw sheep milk - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
B1	betalactams	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	3	0	0,0	0	0,0	29,16667	n.d.	n.d.	62,50000	µg/kg
B1	tetracyclines	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	2	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	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
B2c	cis-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,87200	0,87200	0,87200	0,87200	pg/g fat
B3a	WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	2,37000	2,37000	2,37000	2,37000	pg/g fat
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	1	1	100,0	0	0,0	0,00040	0,00040	0,00040	0,00040	mg/kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	sum PCB	2	0	0,0	0	0,0	3,75000	n.d.	n.d.	4,50000	ng/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	1	100,0	0	0,0	0,00300	0,00300	0,00300	0,00300	mg/kg
B3c	cadmium	1	1	100,0	0	0,0	0,00100	0,00100	0,00100	0,00100	mg/kg
B3c	mercury	1	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00020	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3d	aflatoxin M2	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg
B3f	2,4,4'-TriBDE	1	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	1	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,2',4,4',5-PentaBDE	1	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f	2,2',4,4',6-PentaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	1	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

raw sheep milk - monitoring

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

CL 2015 - sampling of raw goat's milk



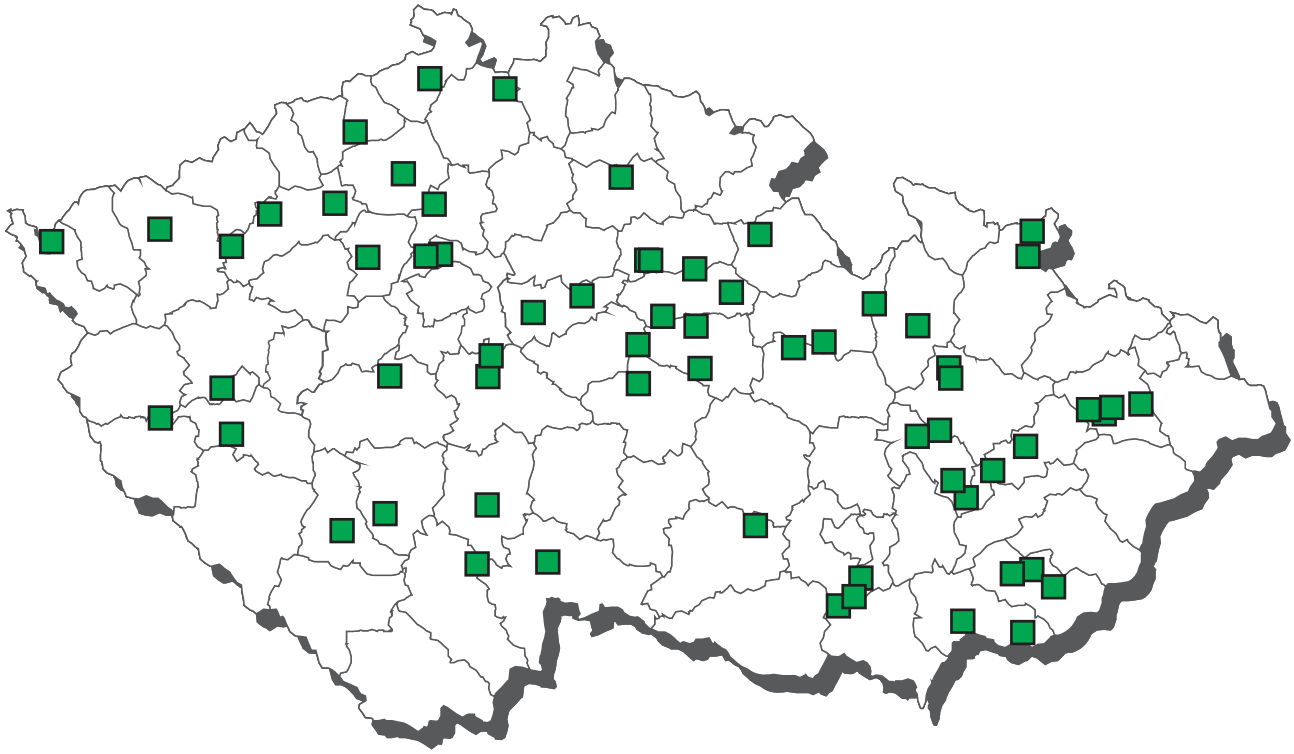
raw goat's milk - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6	chloramphenicol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	4	0	0,0	0	0,0	37,50000	n.d.	n.d.	62,50000	µg/kg
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	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	oxfendazole	3	0	0,0	0	0,0	3,75000	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	0,00200	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e	vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	0	0,0	0	0,0	4,00000	n.d.	n.d.	4,50000	ng/g fat
B3b	diazinone	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	phorate	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3b	pyrimiphosmethyl	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3c	arsenic	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	cadmium	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3d	aflatoxin M2	3	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg

raw goat's milk - monitoring - (continuation)

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

CL 2015 - sampling of hen eggs



hen eggs - monitoring

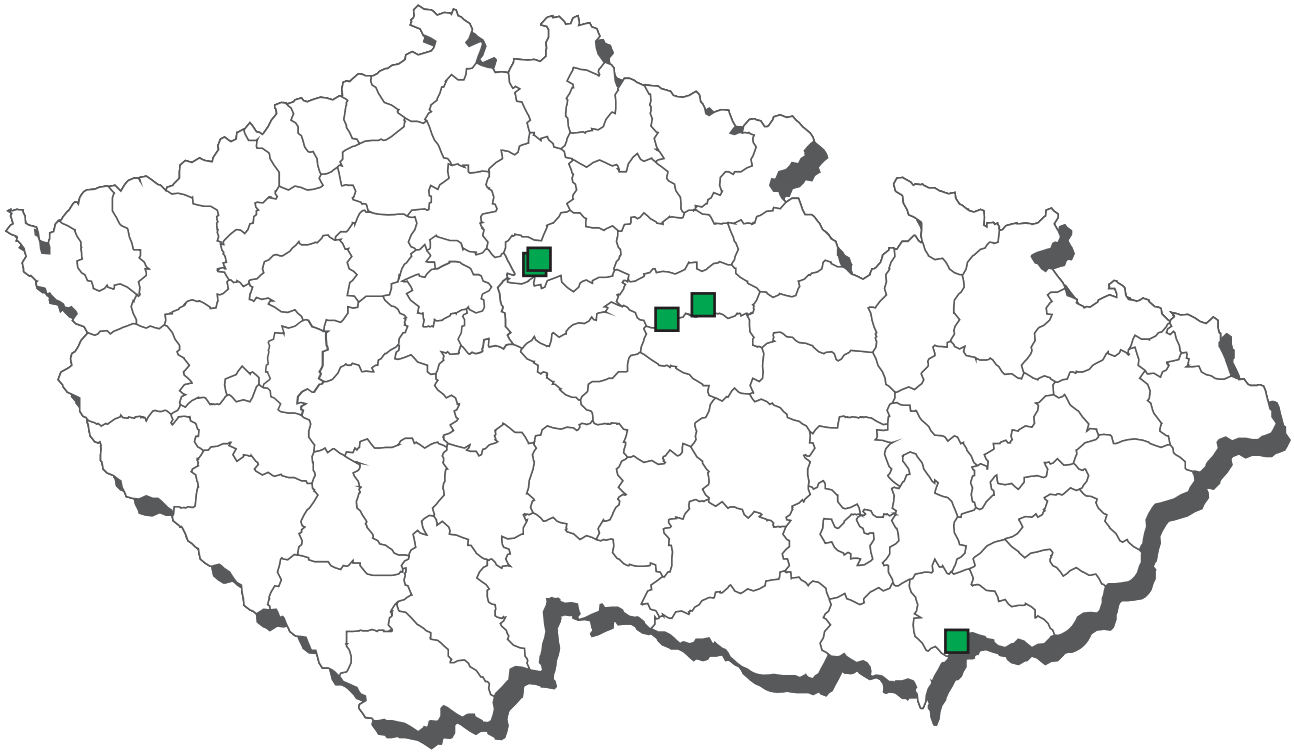
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	AMOZ	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	carnidazol	10	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	HMMNI	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	chloramphenicol	45	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ornidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ronidazole	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	secnidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	tinidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
B1	betalactams	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	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	Lomefloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1	macrolides	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	10	0	0,0	0	0,0	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	Ofloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1	Orbifloxacin	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	Pefloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1	residues of ihibitory substances	41	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sarafloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1	sulfachlorpyridazine	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	38	0	0,0	0	0,0	13,81579	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	37	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
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	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	rafoxanid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	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	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	26	0	0,0	0	0,0	1,69231	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	26	1	3,8	0	0,0	1,32885	n.d.	n.d.	9,55000	µg/kg
B2b	robenidin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	26	1	3,8	0	0,0	1,04808	n.d.	n.d.	2,25000	µg/kg
B2b	semduramicin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3a	aldrin, dieldrin (suma)	54	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	54	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	54	4	7,4	0	0,0	0,00063	n.d.	n.d.	0,01040	mg/kg
B3a	WHO-PCDD/F-TEQ	6	3	50,0	0	0,0	0,57500	0,33500	1,20900	1,84000	pg/g fat
B3a	WHO-PCDD/F-PCB-TEQ	6	6	100,0	0	0,0	1,15217	0,65600	2,39550	3,98000	pg/g fat
B3a	endrin	54	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg

hen eggs - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	enundersulfan - sum	54	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	54	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	54	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	54	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	54	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	54	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	60	1	1,7	0	0,0	4,11667	n.d.	n.d.	7,00000	ng/g fat
B3f	2,4,4'-TriBDE	6	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	6	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f	2,2',4,4',5-PentaBDE	6	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f	2,2',4,4',6-PentaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	6	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	fenbendazole	MRL - 1300 µg/kg	5	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	26	0	0	0	0	0
B2b	diclazuril	ML - 2 µg/kg	0	26	0	0	0	0
B2b	halofuginone	ML - 6 µg/kg	26	0	0	0	0	0
B2b	lasalocid	MRL - 150 µg/kg	26	0	0	0	0	0
B2b	maduramicin	ML - 12 µg/kg	26	0	0	0	0	0
B2b	monensin	ML - 2 µg/kg	0	26	0	0	0	0
B2b	narasin	ML - 2 µg/kg	0	26	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	26	0	0	0	0	0
B2b	robenidin	ML - 25 µg/kg	26	0	0	0	0	0
B2b	salinomycin	ML - 3 µg/kg	25	0	1	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	26	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a	chlordan	MRL - 0,005 mg/kg	54	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,05 mg/kg	54	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	5	1	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 5 pg/g fat	5	0	1	0	0	0
B3a	endrin	MRL - 0,005 mg/kg	54	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	54	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a	heptachlor	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,02 mg/kg	54	0	0	0	0	0
B3a	beta-HCH	MRL - 0,01 mg/kg	54	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,01 mg/kg	54	0	0	0	0	0

CL 2015 - sampling of quail's eggs

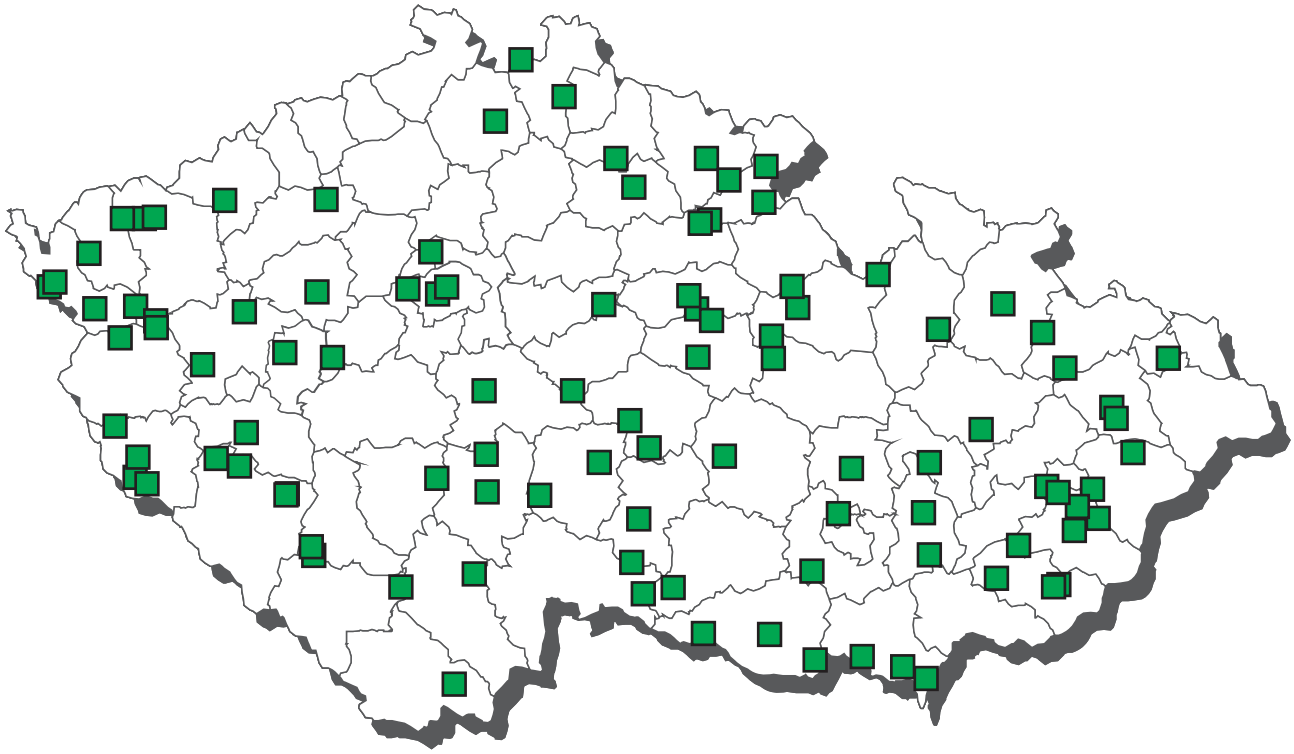


quail's eggs - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
B1	betalactams	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2b	decoquinat	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	maduramicin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3a	aldrin, dieldrin (suma)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	3	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	PCB 180	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	ng/g fat
B3a	sum PCB	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3a	trans-heptachlorepoxid	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	ML - 20 µg/kg	2	0	0	0	0	0
B2b	diclazuril	ML - 2 µg/kg	0	2	0	0	0	0
B2b	halofuginone	ML - 6 µg/kg	2	0	0	0	0	0
B2b	lasalocid	MRL - 150 µg/kg	2	0	0	0	0	0
B2b	maduramicin	ML - 12 µg/kg	2	0	0	0	0	0
B2b	monensin	ML - 2 µg/kg	0	2	0	0	0	0
B2b	narasin	ML - 2 µg/kg	0	2	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	2	0	0	0	0	0
B2b	robenidin	ML - 25 µg/kg	2	0	0	0	0	0
B2b	salinomycin	ML - 3 µg/kg	2	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	2	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	chlordan	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	endrin	MRL - 0,005 mg/kg	3	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	heptachlor	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,02 mg/kg	3	0	0	0	0	0
B3a	beta-HCH	MRL - 0,01 mg/kg	3	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,01 mg/kg	3	0	0	0	0	0

CL 2015 - sampling of honey

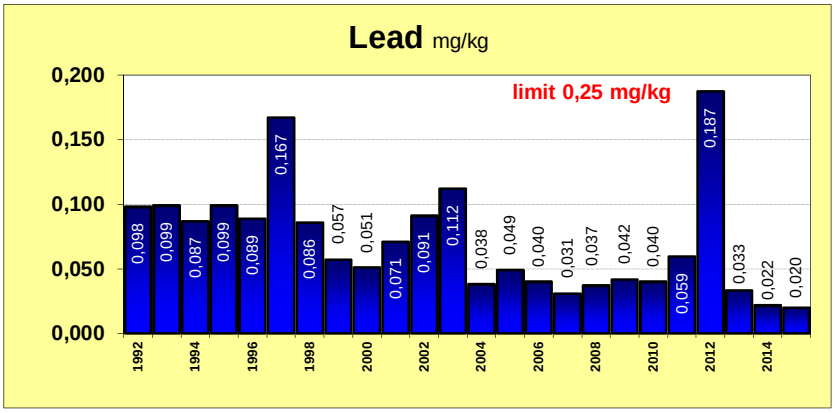


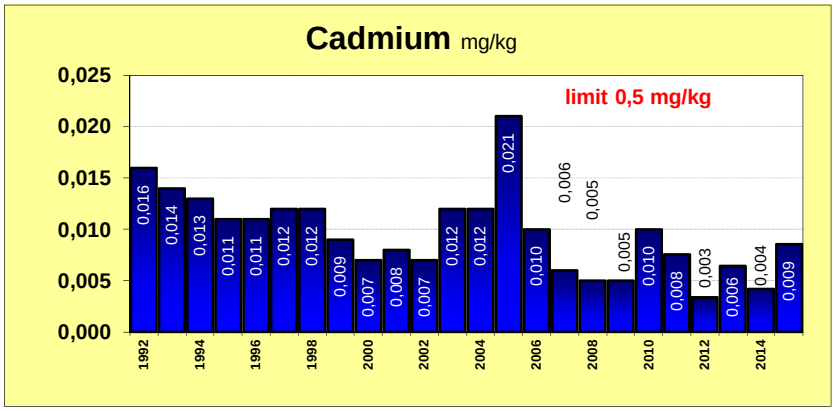
honey - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	AMOZ	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	AOZ	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	chloramphenicol	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B1	betalactams	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	difloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	enrofloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	flumequine	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	Lomefloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	macrolides	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	nalidixic acid	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	norfloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	Ofloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	Orbifloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	oxolinic acid	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	Pefloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	sarafloxacin	11	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1	streptomycines	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfonamides	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	tetracyclines	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2c	cyhalothrin	12	0	0,0	0	0,0	0,00091	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	12	0	0,0	0	0,0	0,00158	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	12	0	0,0	0	0,0	0,00155	n.d.	n.d.	0,00250	mg/kg
B2c	tau-fluvalinat	16	0	0,0	0	0,0	0,00401	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	12	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	12	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2f	amitraz	6	0	0,0	0	0,0	30,50000	n.d.	n.d.	50,00000	µg/kg
B3a	aldrin, dieldrin (suma)	18	0	0,0	0	0,0	0,00029	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	DDT (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	enundersulfan - sum	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	18	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	18	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	18	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	18	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	18	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3b	diazinone	17	0	0,0	0	0,0	0,00165	n.d.	n.d.	0,00200	mg/kg
B3b	phorate	17	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3b	pyrimiphosmethyl	17	0	0,0	0	0,0	0,00165	n.d.	n.d.	0,00200	mg/kg
B3c	cadmium	19	7	36,8	0	0,0	0,00853	n.d.	0,02080	0,04100	mg/kg
B3c	lead	19	5	26,3	0	0,0	0,02011	n.d.	0,02580	0,07000	mg/kg

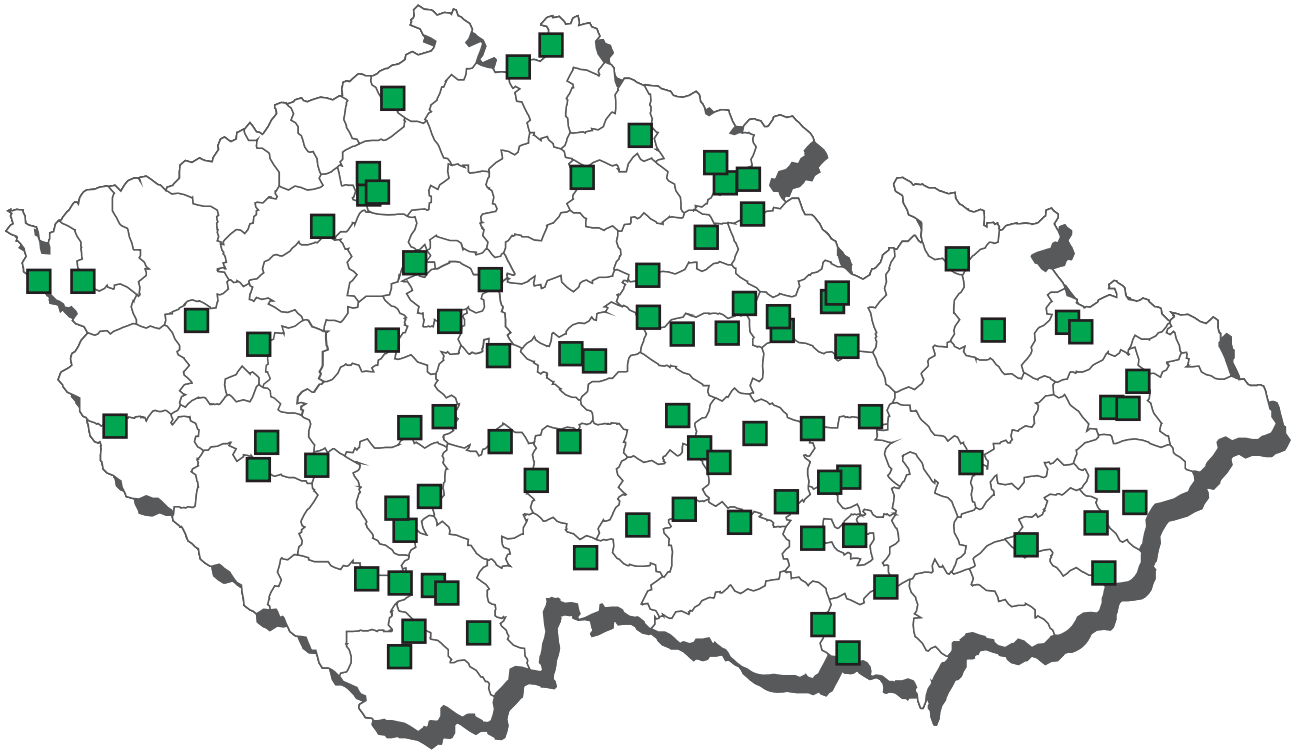
	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c	cyhalothrin	MRL - 0,02 mg/kg	12	0	0	0	0	0
B2c	cypermethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	deltamethrin	MRL - 0,03 mg/kg	12	0	0	0	0	0
B2f	amitraz	MRL - 200 µg/kg	6	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a	chlordan	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a	DDT (sum)	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a	endrin	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a	heptachlor	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,01 mg/kg	18	0	0	0	0	0
B3a	sum PCB	AL - 0,8 ng/g	18	0	0	0	0	0
B3b	diazinone	MRL - 0,01 mg/kg	17	0	0	0	0	0
B3b	phorate	MRL - 0,01 mg/kg	17	0	0	0	0	0
B3c	cadmium	AL - 0,5 mg/kg	19	0	0	0	0	0
B3c	lead	AL - 0,25 mg/kg	19	0	0	0	0	0

The average content of contaminants in honey





CL 2015 - sampling of calves



calves - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	2	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	8	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	2	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	15	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	15	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	15	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	15	0	0,0	0	0,0	28,33333	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	15	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	15	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	15	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	6	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
B1	streptomycines	15	0	0,0	0	0,0	11,00000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	oxfendazole	2	0	0,0	0	0,0	3,12500	n.d.	n.d.	5,00000	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	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2e	carprofen	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	diclofenac	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	flufenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	ibuprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	metamizol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

calves - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e	phenylbutazone	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	vedaprofen	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	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	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	4	1	25,0	0	0,0	0,00413	n.d.	0,01114	0,01570	mg/kg
B3a	endrin	4	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	4	1	25,0	0	0,0	0,00045	n.d.	0,00092	0,00110	mg/kg
B3a	alfa-HCH	4	0	0,0	0	0,0	0,00020	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3a	trans-heptachlorepoxid	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3c	arsenic	7	1	14,3	0	0,0	0,00371	n.d.	0,00540	0,00600	mg/kg
B3c	cadmium	7	0	0,0	0	0,0	0,00207	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	7	2	28,6	0	0,0	0,00037	n.d.	0,00050	0,00050	mg/kg
B3c	lead	7	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	15	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	15	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	15	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	15	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	15	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	15	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	15	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	6	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	2	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	3	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	3	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	3	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2e	carprofen	MRL - 500 µg/kg	5	0	0	0	0	0
B2e	diclofenac	MRL - 5 µg/kg	4	1	0	0	0	0
B2e	flunixin	MRL - 20 µg/kg	5	0	0	0	0	0
B2e	meloxicam	MRL - 20 µg/kg	5	0	0	0	0	0
B2e	tolfenamic acid	MRL - 50 µg/kg	5	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	4	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	4	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	4	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	1	0	0	0	0	0
B3c	arsenic	AL - 0,1 mg/kg	7	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	7	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	7	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	7	0	0	0	0	0

calves - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	streptomycines	15	1	6,7	0	0,0	38,58000	n.d.	n.d.	416,20000	µg/kg
B1	tetracyclines	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	7	5	71,4	0	0,0	0,01879	0,01400	0,03980	0,06800	mg/kg
B3c	mercury	7	7	100,0	0	0,0	0,00271	0,00100	0,00616	0,01060	mg/kg
B3c	lead	7	5	71,4	0	0,0	0,03471	0,01700	0,08460	0,12000	mg/kg

calves - liver - monitoring - (continuation)

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

calves - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	tetracyclines	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2d	acepromazine	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	4	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperiunderl - metabolite	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperiunderl	4	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	4	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	7	6	85,7	0	0,0	0,05571	0,04000	0,13100	0,17600	mg/kg
B3c	mercury	7	7	100,0	0	0,0	0,00256	0,00200	0,00454	0,00700	mg/kg
B3c	lead	7	6	85,7	0	0,0	0,04200	0,03000	0,09040	0,10000	mg/kg

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

calves - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	3	1	33,3	0	0,0	3,23333	n.d.	6,78000	8,30000	µg/l
A2	methylthiouracil	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexamethasone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	stanazolol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-alfa-trenbolonee	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	4	1	25,0	0	0,0	0,46250	n.d.	1,02500	1,40000	µg/l
A4	zearalanon	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zeranol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	labetalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	salmeterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	chloramphenicol	4	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

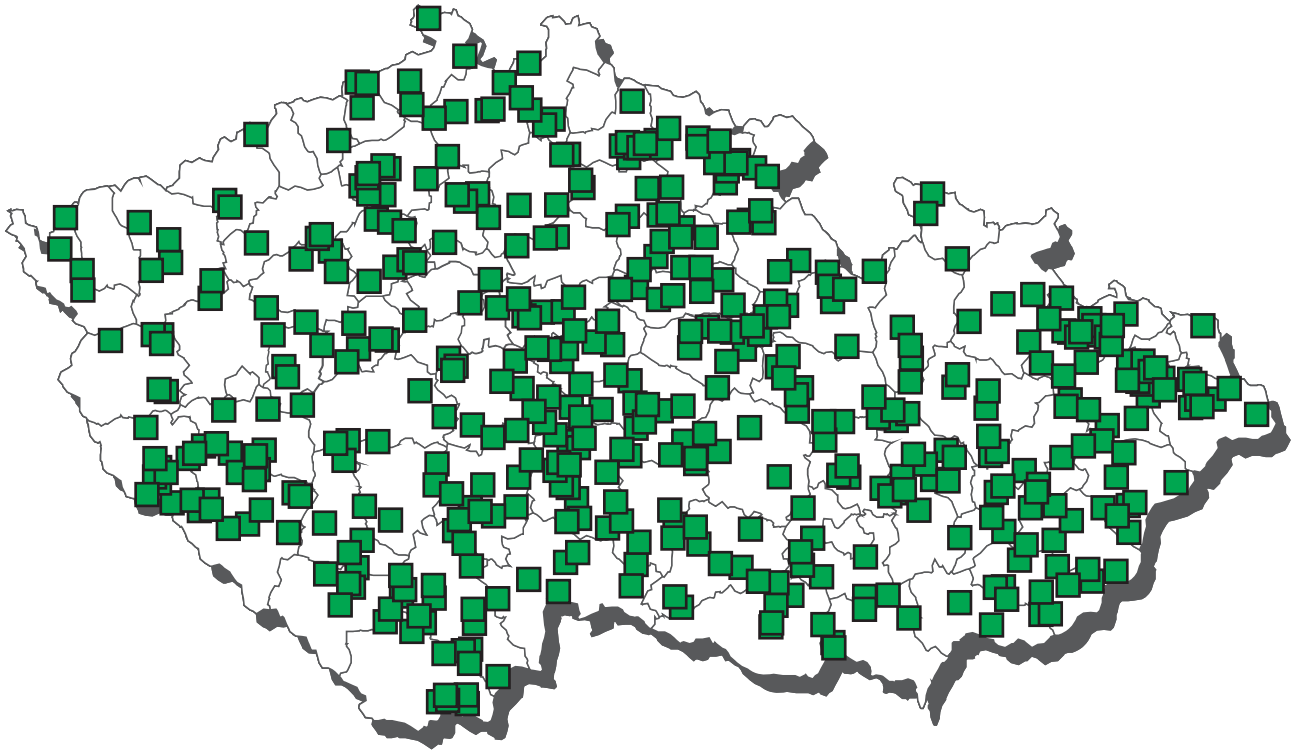
calves - serum - monitoring

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

calves - fat - monitoring

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

CL 2015 - sampling of young bovine



Young bovine - non-compliant results 2015

dihydrostreptomycin - liver, kidney

streptomyciny - liver

residues of inhibitory substances - kidney

17-alfa-19-nortestosterone - urine

aminoglycosides - kidney

young bovine animals - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-boldenone	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AHD	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	10	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	6	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	aminoglycosides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	86	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	84	0	0,0	0	0,0	17,85714	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	84	0	0,0	0	0,0	17,85714	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	84	0	0,0	0	0,0	17,85714	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	84	0	0,0	0	0,0	27,97619	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	quinolones	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	84	0	0,0	0	0,0	17,85714	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	84	0	0,0	0	0,0	17,85714	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	87	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	84	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	34	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	84	0	0,0	0	0,0	11,60714	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	86	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	albendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	mebendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	9	1	11,1	0	0,0	13,61111	n.d.	25,00000	25,00000	µg/kg
B2a	rafoxanid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	thiabendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	15	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	15	0	0,0	0	0,0	0,00480	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	15	0	0,0	0	0,0	0,00093	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	15	0	0,0	0	0,0	0,00163	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	15	0	0,0	0	0,0	0,00160	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	15	0	0,0	0	0,0	0,00647	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	15	0	0,0	0	0,0	0,00480	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	15	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	15	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	15	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	15	0	0,0	0	0,0	0,00480	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

young bovine animals - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e flufenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e vedaprofen	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (suma)	76	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	76	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	76	22	28,9	0	0,0	0,00106	n.d.	0,00275	0,00787	mg/kg
B3a WHO-PCDD/F-TEQ	2	1	50,0	0	0,0	0,02300	0,02300	0,03620	0,03950	pg/g
B3a WHO-PCDD/F-TEQ	4	3	75,0	0	0,0	0,52050	0,57500	0,72370	0,75100	pg/g fat
B3a WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,03450	0,03450	0,05090	0,05500	pg/g
B3a WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	1,95350	1,91500	2,90600	3,23000	pg/g fat
B3a endrin	76	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	76	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	76	5	6,6	0	0,0	0,00038	n.d.	n.d.	0,00410	mg/kg
B3a heptachlor	76	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	76	0	0,0	0	0,0	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	76	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	76	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	19	4	21,1	0	0,0	0,42216	n.d.	0,91716	1,04930	ng/g
B3a sum PCB	63	13	20,6	0	0,0	7,92261	n.d.	19,64464	38,98620	ng/g fat
B3c arsenic	15	2	13,3	0	0,0	0,00437	n.d.	0,00680	0,01000	mg/kg
B3c cadmium	15	0	0,0	0	0,0	0,00180	n.d.	n.d.	0,00250	mg/kg
B3c mercury	15	6	40,0	0	0,0	0,00064	n.d.	0,00056	0,00340	mg/kg
B3c lead	15	2	13,3	0	0,0	0,00653	n.d.	0,00800	0,02300	mg/kg
B3f 2,4,4'-TriBDE	6	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	6	2	33,3	0	0,0	0,00640	n.d.	0,01400	0,02000	ng/g
B3f 2,2',4,4',5-PentaBDE	6	1	16,7	0	0,0	0,00483	n.d.	0,00690	0,01000	ng/g
B3f 2,2',4,4',6-PentaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	6	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

young bovine animals - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	84	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	84	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	84	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	84	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	1	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	84	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	1	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	84	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	34	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B2a	albendazole	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	fenbendazole	MRL - 50 µg/kg	2	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	2	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	5	4	0	0	0	0
B2a	rafoxanid	MRL - 30 µg/kg	2	0	0	0	0	0
B2a	thiabendazole	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	triclabendazole	MRL - 225 µg/kg	2	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	10	5	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	15	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	15	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	10	5	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2e	carprofen	MRL - 500 µg/kg	13	0	0	0	0	0
B2e	diclofenac	MRL - 5 µg/kg	8	5	0	0	0	0
B2e	flunixin	MRL - 20 µg/kg	13	0	0	0	0	0
B2e	meloxicam	MRL - 20 µg/kg	13	0	0	0	0	0
B2e	tolfenamic acid	MRL - 50 µg/kg	13	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	76	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	76	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	76	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	4	0	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 4 pg/g fat	2	1	1	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	76	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	76	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	76	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	76	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	76	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	76	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	76	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	57	3	3	0	0	0
B3c	arsenic	AL - 0,1 mg/kg	15	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	15	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	15	0	0	0	0	0

young bovine animals - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-boldenone	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chlortestosterone	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	ethinylestradiol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	methyltestosterone	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-alfa-19-nortestosterone	10	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A3	17-beta-19-nortestosterone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	norclostebol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	brombuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	23	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	23	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	23	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	23	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	23	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	aminoglycosides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	dihydrostreptomycin	1	1	100,0	**1**	**100,0**	828,00000	828,00000	828,00000	828,00000	µg/kg
B1	gentamycin, neomycin	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	84	1	1,2	**1**	**1,2**	24,94643	n.d.	n.d.	1133,00000	µg/kg
B1	tetracyclines	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	12	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	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	1	6,7	0	0,0	1,27133	n.d.	n.d.	5,07000	µg/kg
B2b	halofuginone	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	15	0	0,0	0	0,0	1,80000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	15	1	6,7	0	0,0	2,35333	n.d.	n.d.	13,80000	µg/kg
B2b	robenidin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	diazinone	11	0	0,0	0	0,0	0,00159	n.d.	n.d.	0,00200	mg/kg
B3b	phorate	11	0	0,0	0	0,0	0,00191	n.d.	n.d.	0,00250	mg/kg
B3b	pyrimiphosmethyl	11	0	0,0	0	0,0	0,00159	n.d.	n.d.	0,00200	mg/kg
B3c	cadmium	15	15	100,0	0	0,0	0,05713	0,05600	0,08800	0,10300	mg/kg
B3c	mercury	15	14	93,3	0	0,0	0,00327	0,00220	0,00704	0,01050	mg/kg
B3c	lead	15	10	66,7	0	0,0	0,01740	0,01300	0,03600	0,04000	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	0,08000	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%
B1	dihydrostreptomycin	MRL - 500 µg/kg	0	0	0	0	1	0
B1	gentamycin	MRL - 200 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 5500 µg/kg	1	0	0	0	0	0
B1	spectinomycin	MRL - 1000 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B2a	abamectin	MRL - 20 µg/kg	12	0	0	0	0	0
B2a	underramectin	MRL - 100 µg/kg	12	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	12	0	0	0	0	0
B2a	eprinomectin	MRL - 1500 µg/kg	12	0	0	0	0	0
B2a	ivermectin	MRL - 100 µg/kg	12	0	0	0	0	0
B2a	moxidectin	MRL - 100 µg/kg	12	0	0	0	0	0
B2b	halofuginone	MRL - 30 µg/kg	15	0	0	0	0	0
B2b	lasalocid	MRL - 100 µg/kg	15	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	15	0	0	0	0
B2b	monensin	MRL - 50 µg/kg	15	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	15	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	15	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	15	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	9	6	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	15	0	0	0	0
B3b	diazinone	MRL - 0,03 mg/kg	11	0	0	0	0	0
B3b	phorate	MRL - 0,02 mg/kg	11	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	11	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	15	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	13	0	1	1	0	0
B3c	lead	ML - 0,5 mg/kg	15	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	12	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	12	0	0	0	0	0

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

sampling date	cadastral dist. (sampling)	origin	value
dihydrostreptomycin			
22.6.2015	Svitavy	Osík	828 µg/kg
streptomycines			
22.6.2015	Svitavy	Osík	1133 µg/kg

young bovine animals - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	88	0	0,0	1	1,1	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	88	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	dihydrostreptomycin	1	1	100,0	1	100,0	2182,00000	2182,00000	2182,00000	2182,00000	µg/kg
B1	gentamycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	88	0	0,0	1	1,1	0,00000	n.d.	n.d.	qualit.	
B1	spectinomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	1	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tetracyclines	88	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2d	acepromazine	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	18	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperiunderl - metabolite	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperiunderl	18	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	18	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	15	15	100,0	0	0,0	0,23533	0,17900	0,44740	0,62200	mg/kg
B3c	mercury	15	15	100,0	0	0,0	0,00727	0,00620	0,01302	0,01500	mg/kg
B3c	lead	15	14	93,3	0	0,0	0,03287	0,03000	0,05000	0,07000	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	dihydrostreptomycin	MRL - 1000 µg/kg	0	0	0	0	0	1
B1	gentamycin	MRL - 750 µg/kg	1	0	0	0	0	0
B1	lincomycin	MRL - 1500 µg/kg	1	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 9000 µg/kg	1	0	0	0	0	0
B1	spectinomycin	MRL - 5000 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 1000 µg/kg	1	0	0	0	0	0
B2d	carazolol	MRL - 15 µg/kg	18	0	0	0	0	0
B3c	cadmium	ML - 1 mg/kg	14	1	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	5	4	1	4	1	0
B3c	lead	ML - 0,5 mg/kg	15	0	0	0	0	0

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

sampling date	cadastral dist. (sampling)	origin	value
dihydrostreptomycin			
22.6.2015	Svitavy	Osík	2182 µg/kg
residues of ihibitory substances			
22.6.2015	Svitavy	Osík	

young bovine animals - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	19	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	19	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	19	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	25	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	25	2	8,0	0	0,0	1,14800	n.d.	n.d.	7,10000	µg/l
A2	methylthiouracil	25	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	25	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	4	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	23	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexamethasone	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	23	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	4	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	23	1	4,3	**1**	**4,3**	0,77391	n.d.	n.d.	9,00000	µg/l
A3	17-beta-19-nortestosterone	23	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	23	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	4	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	4	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	stanazolol	2	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-testosterone	14	6	42,9	0	0,0	0,34857	n.d.	1,18000	1,40000	µg/l
A3	17-alfa-trenbolonee	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	17	1	5,9	0	0,0	0,45882	n.d.	n.d.	5,40000	µg/l
A4	beta-zearalenol	17	2	11,8	0	0,0	0,78529	n.d.	0,33000	10,50000	µg/l
A4	taleranol	17	1	5,9	0	0,0	0,17059	n.d.	n.d.	0,50000	µg/l
A4	zearalenone	17	2	11,8	0	0,0	0,77941	n.d.	0,49000	10,00000	µg/l
A4	zearalanon	17	1	5,9	0	0,0	0,16471	n.d.	n.d.	0,40000	µg/l
A4	zeranol	17	1	5,9	0	0,0	0,11765	n.d.	n.d.	0,40000	µg/l
A5	brombuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	16	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenbuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	labetalol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	16	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	pirbuterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	16	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	salmeterol	16	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	16	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A5	tulobuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	16	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	chloramphenicol	37	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l

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

sampling date	cadastral dist. (sampling)	origin	value
17-alfa-19-nortestosterone			
4.6.2015	Přerov	Zámrsky	9 µg/l

young bovine animals - kidney fat - monitoring

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

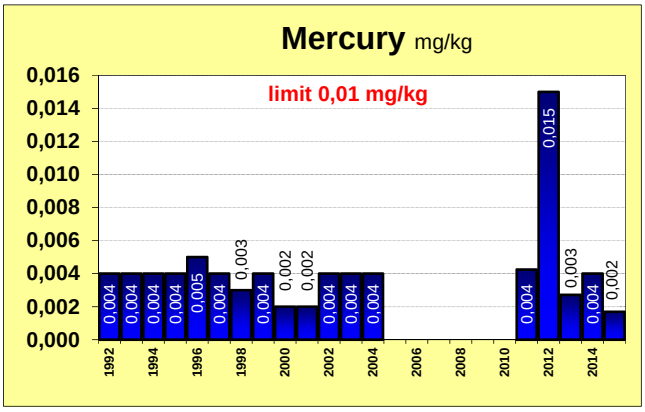
young bovine animals - serum - monitoring

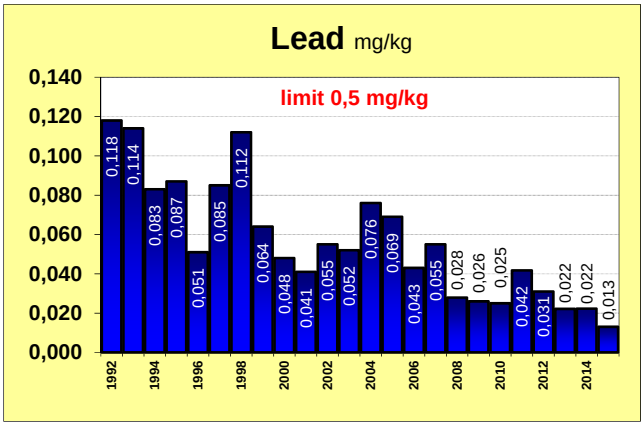
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-estradiol	26	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	µg/l
A3	17-beta-testosterone	25	12	48,0	0	0,0	0,34220	n.d.	1,14000	2,30000	µg/l
A6	carnidazol	11	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	11	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	11	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	11	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

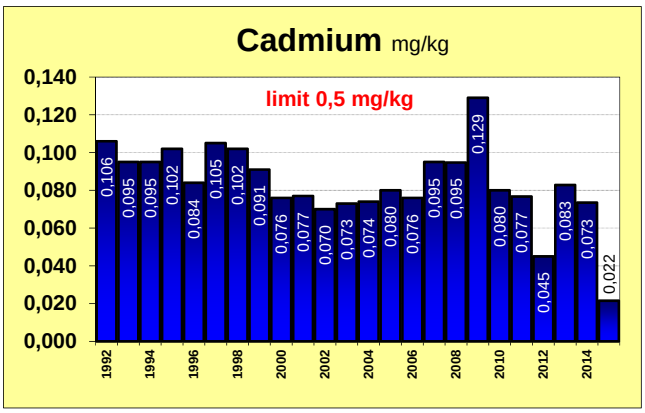
young bovine animals - hair - monitoring

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

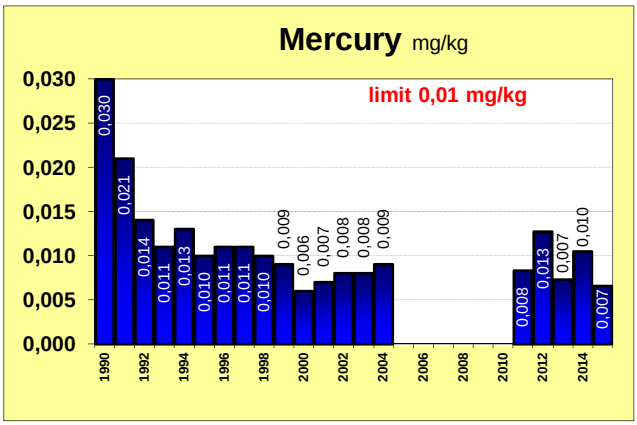
The average content of contaminants in the liver of bovine

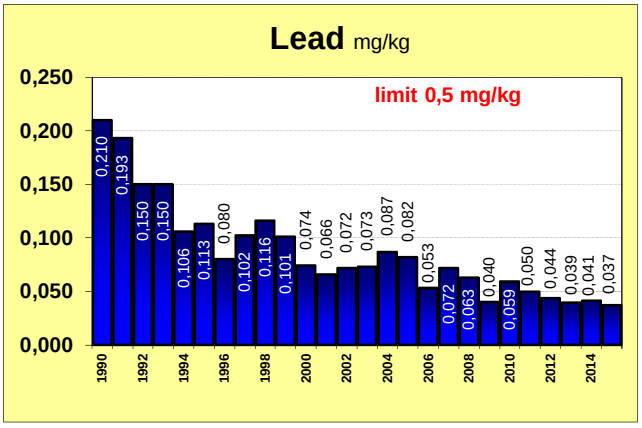


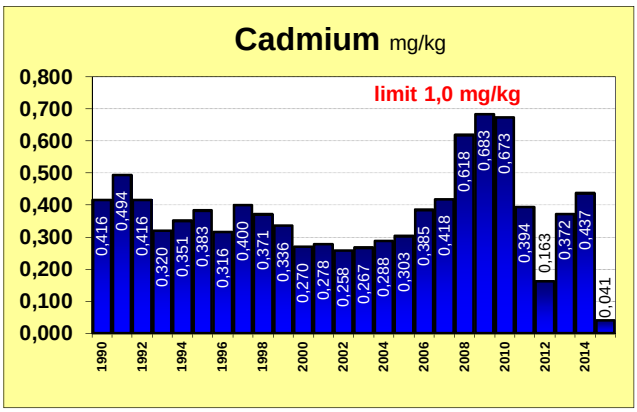




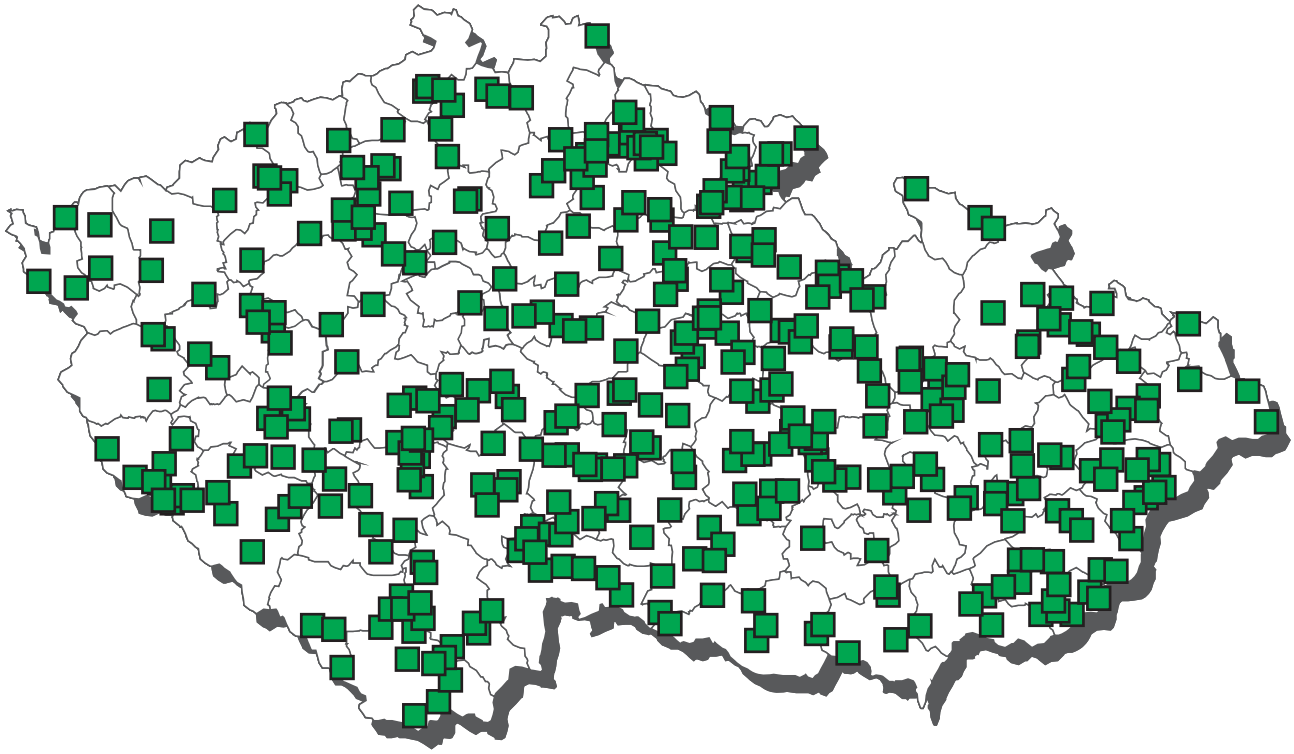
The average content of contaminants in the kidneys of bovine



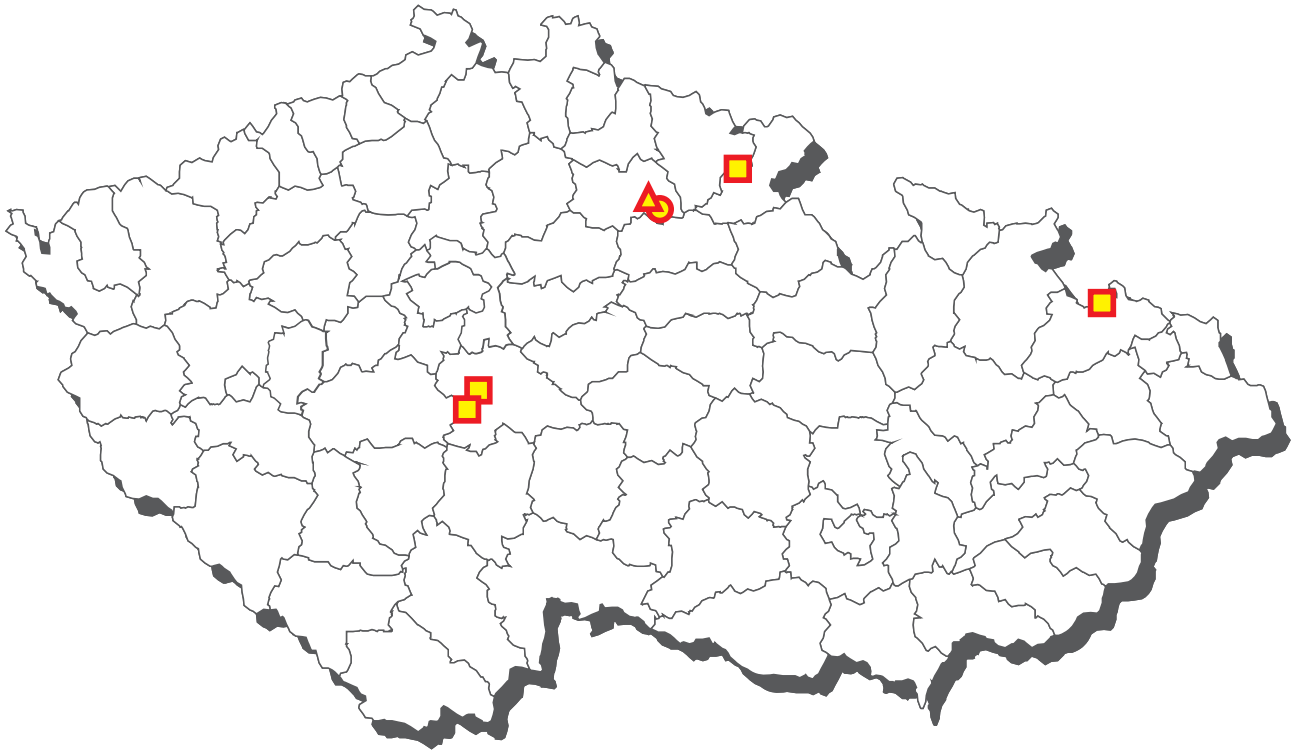




CL 2015 - sampling of cows



Cows - non-compliant results 2015



cadmium - kidney

dihydrostreptomycin - liver

streptomycins - liver

cows - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-boldenone	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	AHD	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	16	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	20	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	16	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	16	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	16	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	16	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	16	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	7	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	16	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	16	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	81	0	0,0	0	0,0	18,08642	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	81	0	0,0	0	0,0	16,41975	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	81	0	0,0	0	0,0	18,08642	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	81	0	0,0	0	0,0	28,58025	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	81	0	0,0	0	0,0	17,90123	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	81	0	0,0	0	0,0	13,39506	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	81	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	34	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	81	0	0,0	0	0,0	11,63580	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	albendazole	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	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	9	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B2a	rafoxanid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	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	12	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	12	1	8,3	0	0,0	0,00400	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	12	0	0,0	0	0,0	0,00110	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	12	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	12	0	0,0	0	0,0	0,00182	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	12	0	0,0	0	0,0	0,00467	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	12	0	0,0	0	0,0	0,00383	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	12	0	0,0	0	0,0	0,00421	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	12	0	0,0	0	0,0	0,00421	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	12	0	0,0	0	0,0	0,00421	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	12	0	0,0	0	0,0	0,00383	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	15	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg/kg
B2e	diclofenac	15	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg/kg
B2e	flufenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	15	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg/kg
B2e	ibuprofen	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

cows - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e	meloxicam	15	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg/kg
B2e	metamizol	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	15	0	0,0	0	0,0	1,66667	n.d.	n.d.	2,50000	µg/kg
B2e	vedaprofen	15	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	34	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	34	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	34	15	44,1	0	0,0	0,00171	n.d.	0,00438	0,01191	mg/kg
B3a	endrin	34	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	34	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	34	4	11,8	0	0,0	0,00051	n.d.	0,00050	0,00400	mg/kg
B3a	heptachlor	34	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	34	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	34	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	34	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	29	6	20,7	0	0,0	8,13477	n.d.	20,65504	40,14790	ng/g fat
B3c	arsenic	27	3	11,1	0	0,0	0,00411	n.d.	0,00580	0,01400	mg/kg
B3c	cadmium	27	4	14,8	0	0,0	0,00250	n.d.	0,00350	0,00800	mg/kg
B3c	mercury	27	11	40,7	0	0,0	0,00054	n.d.	0,00110	0,00160	mg/kg
B3c	lead	27	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	81	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	81	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	81	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	81	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	81	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	81	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	34	0	0	0	0	0
B2a	albendazole	MRL - 100 µg/kg	4	0	0	0	0	0
B2a	fenbendazole	MRL - 50 µg/kg	4	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	6	3	0	0	0	0
B2a	thiabendazole	MRL - 100 µg/kg	4	0	0	0	0	0
B2a	triclabendazole	MRL - 225 µg/kg	4	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	10	2	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	12	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	12	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	10	2	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2e	carprofen	MRL - 500 µg/kg	15	0	0	0	0	0
B2e	diclofenac	MRL - 5 µg/kg	10	5	0	0	0	0
B2e	flunixin	MRL - 20 µg/kg	15	0	0	0	0	0
B2e	meloxicam	MRL - 20 µg/kg	15	0	0	0	0	0
B2e	tolfenamic acid	MRL - 50 µg/kg	15	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	34	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	34	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	34	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	34	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	34	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	25	3	0	1	0	0
B3c	arsenic	AL - 0,1 mg/kg	27	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	27	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	27	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	27	0	0	0	0	0

cows - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	22	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	22	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	22	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	22	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	22	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	22	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	22	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	22	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	22	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	dihydrostreptomycin	1	1	100,0	1	100,0	843,00000	843,00000	843,00000	843,00000	µg/kg
B1	gentamycin, neomycin	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	neomycin (incl. framycetin)	1	1	100,0	0	0,0	812,00000	812,00000	812,00000	812,00000	µg/kg
B1	residues of ihibitory substances	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	streptomycin	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
B1	streptomycines	81	1	1,2	1	1,2	18,84346	n.d.	n.d.	613,82000	µg/kg
B1	tetracyclines	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	12	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	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	9	0	0,0	0	0,0	0,00161	n.d.	n.d.	0,00200	mg/kg
B3b	phorate	9	0	0,0	0	0,0	0,00183	n.d.	n.d.	0,00250	mg/kg
B3b	pyrimiphosmethyl	9	0	0,0	0	0,0	0,00161	n.d.	n.d.	0,00200	mg/kg
B3c	cadmium	27	27	100,0	0	0,0	0,09474	0,07700	0,14020	0,31300	mg/kg
B3c	mercury	27	27	100,0	0	0,0	0,00263	0,00200	0,00500	0,00700	mg/kg
B3c	lead	27	22	81,5	0	0,0	0,02222	0,01700	0,04000	0,06500	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	0,08000	n.d.	n.d.	0,10000	µg/kg

cows - liver - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	dihydrostreptomycin	MRL - 500 µg/kg	0	0	0	0	1	0
B1	neomycin (incl. framycetin)	MRL - 5500 µg/kg	1	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B2a	abamectin	MRL - 20 µg/kg	6	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	6	0	0	0	0	0
B2a	eprinomectin	MRL - 1500 µg/kg	6	0	0	0	0	0
B2a	moxidectin	MRL - 100 µg/kg	6	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	12	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	12	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	12	0	0	0	0
B2b	monensin	MRL - 50 µg/kg	12	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	12	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	12	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	12	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	8	4	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	12	0	0	0	0
B3b	diazinone	MRL - 0,03 mg/kg	9	0	0	0	0	0
B3b	phorate	MRL - 0,02 mg/kg	9	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	26	1	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	23	4	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	27	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	12	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	12	0	0	0	0	0

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

sampling date	cadastral dist. (sampling)	origin	value
dihydrostreptomycin			
10.3.2015	Jičín	Horní Dobrá Voda	843 µg/kg
streptomycines			
10.3.2015	Jičín	Horní Dobrá Voda	613,82 µg/kg

cows - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	dihydrostreptomycin	1	1	100,0	0	0,0	557,00000	557,00000	557,00000	557,00000	µg/kg
B1	gentamycin, neomycin	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	neomycin (incl. framycetin)	1	1	100,0	0	0,0	1249,0000	1249,0000	1249,0000	1249,0000	µg/kg
B1	residues of ihibitory substances	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	streptomycines	1	0	0,0	0	0,0	10,00000	n.d.	n.d.	10,00000	µg/kg
B1	tetracyclines	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2d	acepromazine	13	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	13	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	13	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	13	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperiunderl - metabolite	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperiunderl	13	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	13	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	27	27	100,0	**4**	**14,8**	0,63367	0,55500	1,19400	1,62400	mg/kg
B3c	mercury	27	27	100,0	0	0,0	0,00724	0,00650	0,01182	0,02100	mg/kg
B3c	lead	27	25	92,6	0	0,0	0,03859	0,03800	0,07400	0,11000	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	dihydrostreptomycin	MRL - 1000 µg/kg	0	1	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 9000 µg/kg	1	0	0	0	0	0
B2d	carazolol	MRL - 15 µg/kg	13	0	0	0	0	0
B3c	cadmium	ML - 1 mg/kg	13	6	3	**3**	**2**	0
B3c	mercury	AL - 0,1 mg/kg	27	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	27	0	0	0	0	0

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

sampling date	cadastral dist. (sampling)	origin	value
cadmium			
2.3.2015	Opava	Oldřišov	1,2 mg/kg
8.9.2015	Benešov	Vrchotovy Janovice	1,511 mg/kg
8.10.2015	Náchod	Havlovice	1,624 mg/kg
8.6.2015	Jihlava	Nesvačily u Bystřice	1,19 mg/kg

cows - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	11	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	11	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	51	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	51	8	15,7	0	0,0	1,82941	n.d.	7,60000	11,80000	µg/l
A2	methylthiouracil	51	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	51	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	7	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	24	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexamethasone	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	7	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	24	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	7	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	7	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	7	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	stanazolol	3	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-alfa-trenbolonee	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	18	2	11,1	0	0,0	0,31111	n.d.	0,43500	2,10000	µg/l
A4	beta-zearalenol	18	6	33,3	0	0,0	0,90000	n.d.	2,79000	4,90000	µg/l
A4	taleranol	18	1	5,6	0	0,0	0,17500	n.d.	n.d.	0,60000	µg/l
A4	zearalenone	18	8	44,4	0	0,0	2,40000	n.d.	8,32000	10,00000	µg/l
A4	zearalanon	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zeranol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	labetalol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	18	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	pirbuterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	18	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	salmeterol	18	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	18	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A5	tulobuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	18	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	chloramphenicol	40	0	0,0	0	0,0	0,03050	n.d.	n.d.	0,05000	µg/l

cows - serum - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	11	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	11	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	11	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	11	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	11	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	11	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

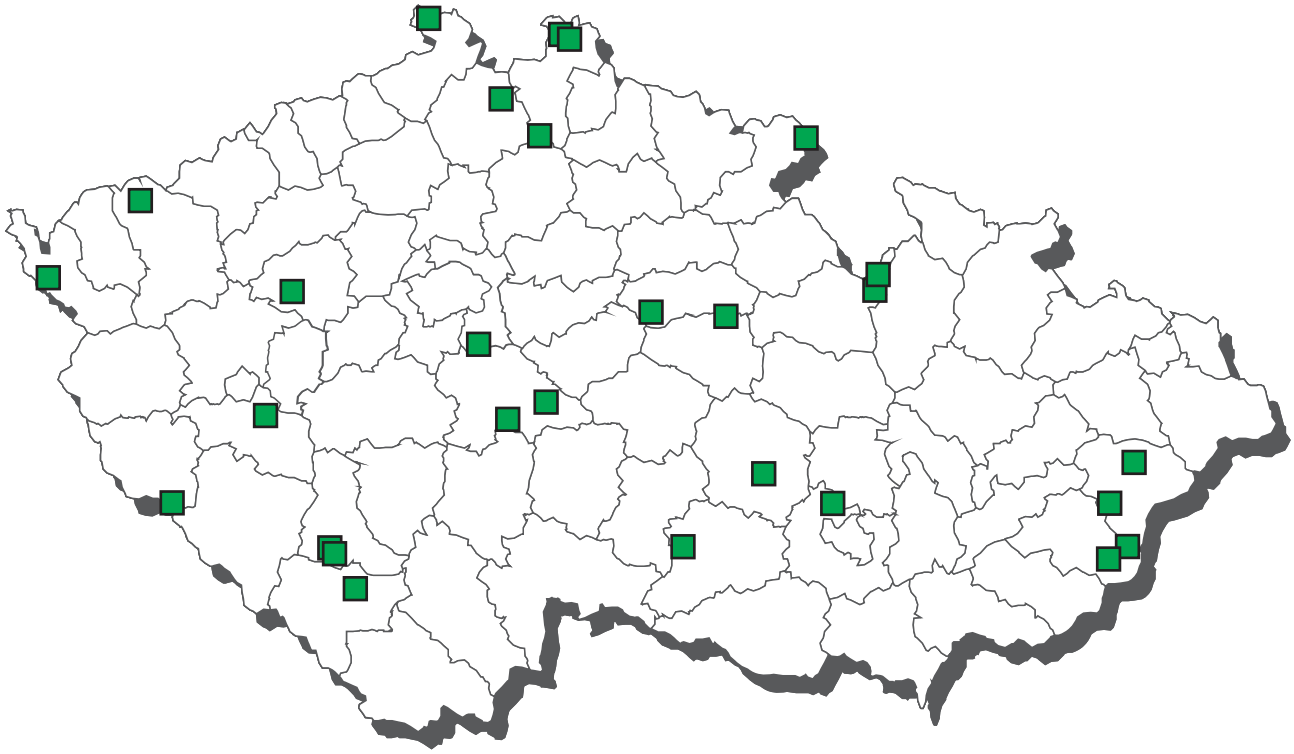
cows - kidney fat - monitoring

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

cows - hair - monitoring

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

CL 2015 - sampling of sheep



sheep - muscle - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	7	0	0,0	0	0,0	13,57143	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	7	0	0,0	0	0,0	11,42857	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	flumequine	7	0	0,0	0	0,0	17,14286	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	oxolinic acid	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	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	sulfadimethoxine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	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	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	sulfamethoxazole	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	7	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	7	0	0,0	0	0,0	11,07143	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	oxfendazole	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flufenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	metamizol	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	2	2	100,0	0	0,0	0,00163	0,00163	0,00197	0,00206	mg/kg
B3a	endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	hexachlorbenzen	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg

sheep - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	heptachlor	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	2	2	100,0	0	0,0	20,97045	20,97045	27,15001	28,69490	ng/g fat
B3c	arsenic	3	0	0,0	0	0,0	0,00417	n.d.	n.d.	0,00500	mg/kg
B3c	cadmium	3	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	3	1	33,3	0	0,0	0,00057	n.d.	0,00066	0,00070	mg/kg
B3c	lead	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

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

sheep - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	streptomycines	7	0	0,0	0	0,0	11,07143	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	maduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3a	WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,55067	0,62300	0,70060	0,72000	pg/g
B3a	WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,83967	0,89200	1,10640	1,16000	pg/g
B3a	sum PCB	3	3	100,0	0	0,0	1,66387	1,27200	2,23352	2,47390	ng/g
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	cadmium	3	3	100,0	0	0,0	0,09000	0,07000	0,13000	0,14500	mg/kg
B3c	mercury	3	3	100,0	0	0,0	0,00250	0,00300	0,00340	0,00350	mg/kg
B3c	lead	3	3	100,0	0	0,0	0,03933	0,03800	0,04760	0,05000	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

sheep - liver - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3f	2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	3	3	100,0	0	0,0	0,10333	0,00800	0,23840	0,29600	ng/g
B3f	2,2',4,4',5-PentaBDE	3	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f	2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

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

sheep - kidney - monitoring

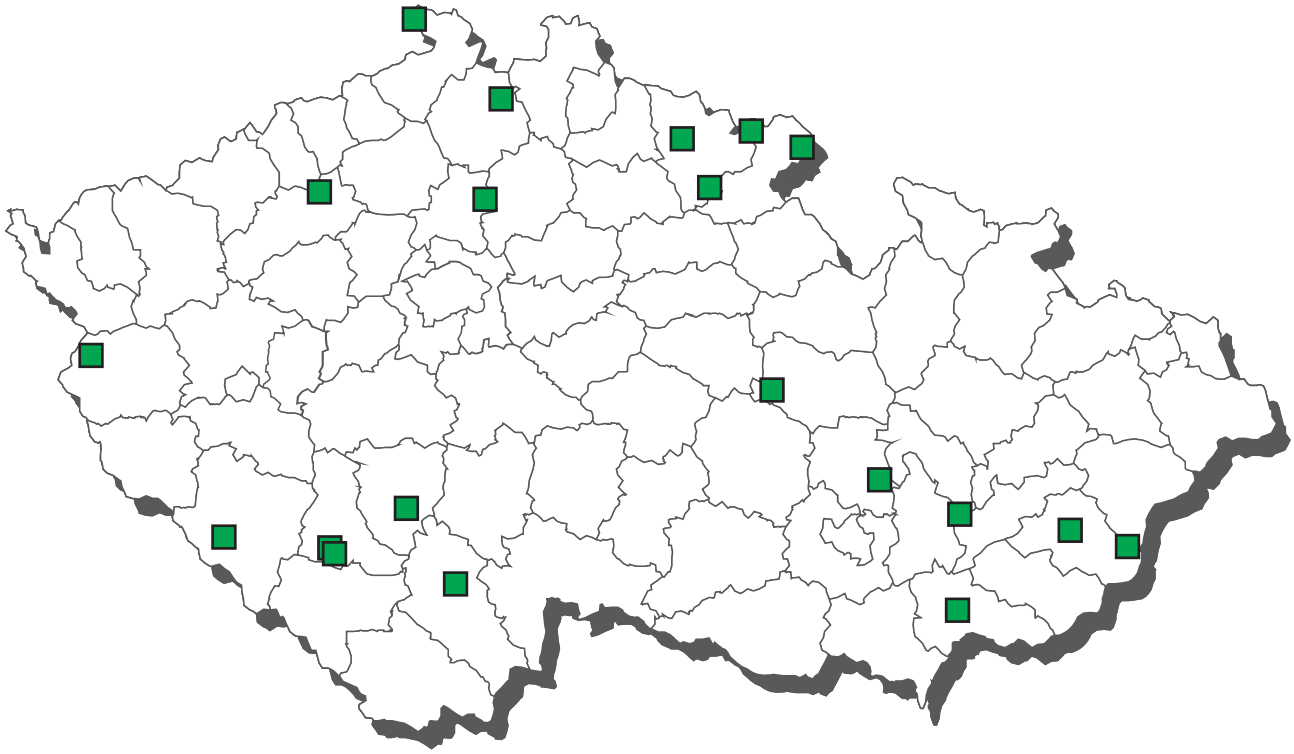
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2d	acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	1	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperiunderl - metabolite	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperiunderl	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	1	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	3	3	100,0	1	33,3	0,49433	0,08800	1,06560	1,31000	mg/kg
B3c	mercury	3	2	66,7	0	0,0	0,00270	0,00300	0,00428	0,00460	mg/kg
B3c	lead	3	3	100,0	0	0,0	0,02733	0,02200	0,03640	0,04000	mg/kg

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

sheep - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	2	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	2	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	2	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalanon	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zeranol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	labetalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	salmeterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l

CL 2015 - sampling of goats



goats - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	4	0	0,0	0	0,0	21,25000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	4	0	0,0	0	0,0	43,75000	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	oxolinic acid	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	4	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	oxfendazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3a	trans-heptachlorepoxid	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	arsenic	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	cadmium	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	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

goats - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	4	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	4	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	4	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	4	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	4	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	4	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	1	0	0	0	0	0
B3c	arsenic	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	1	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	1	0	0	0	0	0

goats - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	streptomycines	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	phorate	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	pyrimiphosmethyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3c	cadmium	1	1	100,0	0	0,0	0,27700	0,27700	0,27700	0,27700	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00100	0,00100	0,00100	0,00100	mg/kg
B3c	lead	1	1	100,0	0	0,0	0,02000	0,02000	0,02000	0,02000	mg/kg
B3d	aflatoxin B2	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

goats - liver - monitoring - (continuation)

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

goats - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2d	acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	1	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperiunderl - metabolite	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperiunderl	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	1	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	1	1	100,0	0	0,0	1,08400	1,08400	1,08400	1,08400	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00300	0,00300	0,00300	0,00300	mg/kg
B3c	lead	1	1	100,0	0	0,0	0,02000	0,02000	0,02000	0,02000	mg/kg

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

* compliant (within expanded uncertainty of measurement)

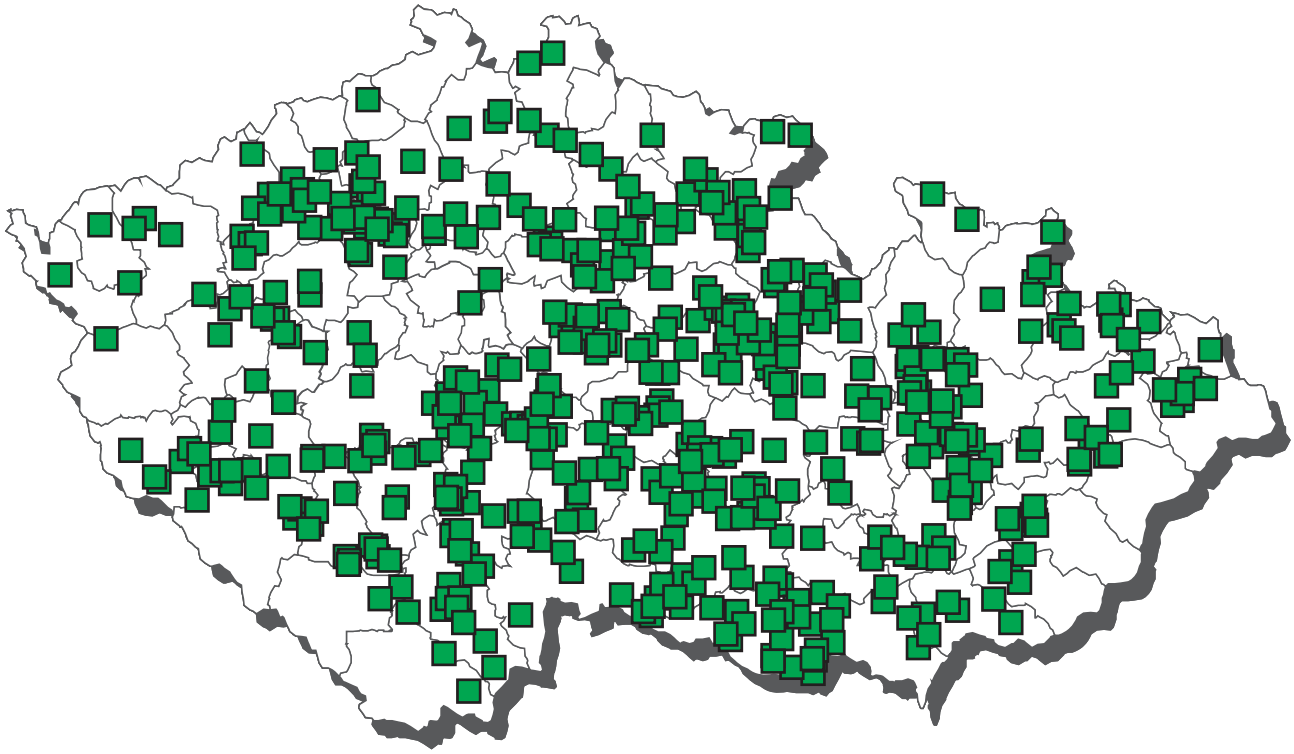
goats - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexamethasone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalanon	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zeranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	labetalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	salmeterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l

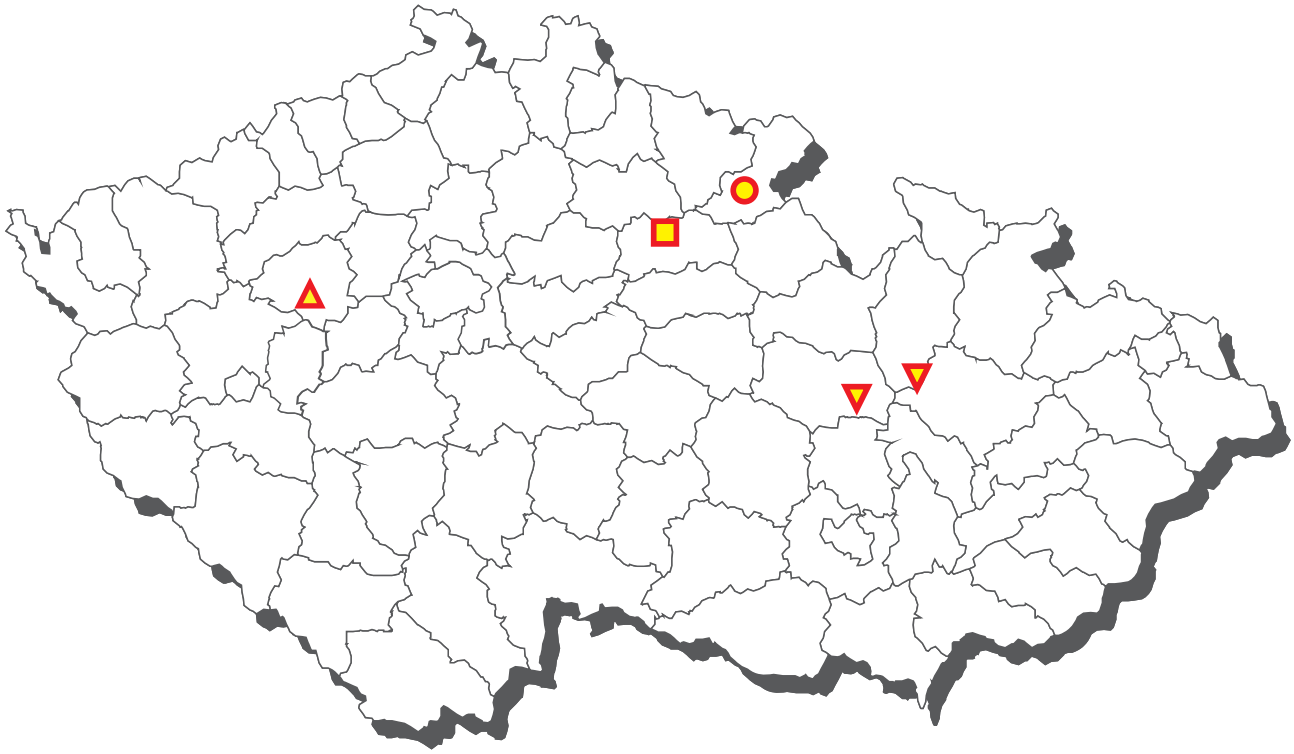
goats - fat - monitoring

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

CL 2015 - sampling of pigs



Pigs - non-compliant results 2015



sulfadimidin - muscle, liver, kidney

PCB - sum - muscle

residues of inhibitory substances - liver, kidney

17-beta-19-nortestosterone - urine

pigs - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	30	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	30	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	10	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	20	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	142	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	10	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	30	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	160	0	0,0	0	0,0	19,87500	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	160	0	0,0	0	0,0	19,87500	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	160	0	0,0	0	0,0	19,87500	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	160	0	0,0	0	0,0	30,03125	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	160	0	0,0	0	0,0	19,87500	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	160	0	0,0	0	0,0	19,87500	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	160	1	0,6	1	0,6	16,02188	n.d.	n.d.	178,50000	µg/kg
B1	sulfadimethoxine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	65	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	160	0	0,0	0	0,0	11,85938	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	valnemulin	160	0	0,0	0	0,0	10,57813	n.d.	n.d.	12,50000	µg/kg
B2a	albendazole	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	mebendazole	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	23	0	0,0	0	0,0	8,58696	n.d.	n.d.	25,00000	µg/kg
B2a	rafoxanid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	thiabendazole	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c	aldicarb	85	0	0,0	0	0,0	0,00321	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	85	0	0,0	0	0,0	0,00621	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	85	0	0,0	0	0,0	0,00074	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	85	0	0,0	0	0,0	0,00130	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	85	0	0,0	0	0,0	0,00126	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	85	0	0,0	0	0,0	0,00827	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	85	0	0,0	0	0,0	0,00621	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	85	0	0,0	0	0,0	0,00304	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	85	0	0,0	0	0,0	0,00621	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	50	1	2,0	0	0,0	1,68500	n.d.	n.d.	3,00000	µg/kg
B2e	flufenamic acid	23	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	50	0	0,0	0	0,0	1,65000	n.d.	n.d.	2,50000	µg/kg
B2e	ibuprofen	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	23	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	23	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	50	0	0,0	0	0,0	1,65000	n.d.	n.d.	2,50000	µg/kg
B2e	metamizol	23	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	23	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	23	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	50	0	0,0	0	0,0	1,65000	n.d.	n.d.	2,50000	µg/kg
B2e	vedaprofen	50	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2f	desoxy-carbaunderx	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B2f	3-methylquinoxaline-2-carboxylic ac	10	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,12500	µg/kg
B2f	quinoxaline-2-carboxylic acid	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

pigs - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin, dieldrin (suma)	107	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	107	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	107	12	11,2	0	0,0	0,00107	n.d.	0,00087	0,02550	mg/kg
B3a	WHO-PCDD/F-TEQ	3	1	33,3	0	0,0	0,28800	n.d.	0,43780	0,50200	pg/g fat
B3a	WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,50000	0,45500	0,60140	0,63800	pg/g fat
B3a	endrin	107	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	107	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	107	1	0,9	0	0,0	0,00026	n.d.	n.d.	0,00269	mg/kg
B3a	heptachlor	107	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	107	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	107	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	107	0	0,0	0	0,0	0,00026	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	1	1	100,0	0	0,0	1,05700	1,05700	1,05700	1,05700	ng/g
B3a	sum PCB	109	8	7,3	1	0,9	8,79871	n.d.	n.d.	325,67720	ng/g fat
B3c	arsenic	50	1	2,0	0	0,0	0,00322	n.d.	n.d.	0,00600	mg/kg
B3c	cadmium	50	2	4,0	0	0,0	0,00227	n.d.	n.d.	0,00700	mg/kg
B3c	mercury	50	24	48,0	0	0,0	0,00069	n.d.	0,00135	0,00380	mg/kg
B3c	lead	50	4	8,0	0	0,0	0,00606	n.d.	n.d.	0,03500	mg/kg
B3f	2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f	2,2',4,4'-TetraBDE	3	2	66,7	0	0,0	0,01520	0,00700	0,03020	0,03600	ng/g
B3f	2,2',4,4',5-PentaBDE	3	1	33,3	0	0,0	0,00853	n.d.	0,01516	0,01800	ng/g
B3f	2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	160	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	160	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	160	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	160	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	160	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	159	0	0	0	1	0
B1	sulfadimethoxine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	160	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	65	0	0	0	0	0
B1	valnemulin	MRL - 50 µg/kg	160	0	0	0	0	0
B2a	fenbendazole	MRL - 50 µg/kg	10	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	10	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	17	6	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	50	35	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	85	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	85	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	50	35	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	85	0	0	0	0	0
B2e	diclofenac	MRL - 5 µg/kg	33	17	0	0	0	0
B2e	flunixin	MRL - 50 µg/kg	50	0	0	0	0	0
B2e	meloxicam	MRL - 20 µg/kg	50	0	0	0	0	0
B2e	tolfenamic acid	MRL - 50 µg/kg	50	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	107	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	ML - 1 pg/g fat	2	1	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 1,25 pg/g fat	2	1	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	107	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	107	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	107	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	107	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	101	5	0	2*	0	1
B3c	arsenic	AL - 0,1 mg/kg	50	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	50	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	50	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	50	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

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

sampling date	cadastral dist. (sampling)	origin	value
sulfadimidine			
3.4.2015	Semily	Zlíč	178,5 µg/kg
sum PCB			
25.6.2015	Louny	Pavlíkov	325,6772 ng/g fat

pigs - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	17-beta-boldenone	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A3	chlortestosterone	10	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A3	ethinylestradiol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	methyltestosterone	10	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-alfa-19-nortestosterone	10	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A3	17-beta-19-nortestosterone	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	norclostebol	10	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
A5	brombuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	70	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	70	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	70	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	70	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	70	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	70	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	70	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	70	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	70	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	70	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	160	0	0,0	**1**	**0,6**	0,00000	n.d.	n.d.	qualit.	
B1	sulfadimidine	1	1	100,0	**1**	**100,0**	387,00000	387,00000	387,00000	387,00000	µg/kg
B1	streptomycines	160	0	0,0	0	0,0	11,85938	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	78	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	78	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	78	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	78	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	78	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	78	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	30	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	30	1	3,3	0	0,0	1,71667	n.d.	n.d.	15,00000	µg/kg
B2b	salinomycin	30	0	0,0	0	0,0	1,25000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	diazinone	30	0	0,0	0	0,0	0,00173	n.d.	n.d.	0,00200	mg/kg
B3b	phorate	30	0	0,0	0	0,0	0,00208	n.d.	n.d.	0,00250	mg/kg
B3b	pyrimiphosmethyl	30	0	0,0	0	0,0	0,00173	n.d.	n.d.	0,00200	mg/kg
B3c	cadmium	50	50	100,0	0	0,0	0,03634	0,02550	0,05840	0,20100	mg/kg
B3c	mercury	50	37	74,0	0	0,0	0,00191	0,00130	0,00412	0,01160	mg/kg
B3c	lead	50	11	22,0	0	0,0	0,00786	n.d.	0,01040	0,05000	mg/kg
B3d	aflatoxin B2	15	0	0,0	0	0,0	0,05333	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	15	0	0,0	0	0,0	0,07933	n.d.	n.d.	0,10000	µg/kg

pigs - liver - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfadimidine	MRL - 100 µg/kg	0	0	0	0	0	**1**
B2a	underramectin	MRL - 100 µg/kg	78	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	78	0	0	0	0	0
B2a	ivermectin	MRL - 100 µg/kg	78	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	30	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	30	0	0	0	0	0
B2b	lasalocid	ML - 50 µg/kg	30	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	30	0	0	0	0
B2b	monensin	ML - 8 µg/kg	30	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	30	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	30	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	30	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	25	5	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	30	0	0	0	0
B3b	diazinone	MRL - 0,03 mg/kg	30	0	0	0	0	0
B3b	phorate	MRL - 0,02 mg/kg	30	0	0	0	0	0
B3b	pyrimiphosmethyl	MRL - 0,05 mg/kg	30	0	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	50	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	45	3	1	**1***	0	0
B3c	lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	15	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	15	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

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

sampling date	cadastral dist. (sampling)	origin	value
residues of ihibitory substances			
9.10.2015	Karviná	Suchá u Nechanic	0
sulfadimidine			
3.4.2015	Semily	Zlíč	387 µg/kg

pigs - kidney - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	160	0	0,0	**1**	**0,6**	0,00000	n.d.	n.d.	qualit.	
B1	sulfadimidine	1	1	100,0	**1**	**100,0**	321,00000	321,00000	321,00000	321,00000	µg/kg
B1	tetracyclines	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2d	acepromazine	35	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	35	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	35	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	35	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	35	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperiunderl - metabolite	35	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperiunderl	35	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	35	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	35	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	50	50	100,0	0	0,0	0,16742	0,13200	0,29070	0,76400	mg/kg
B3c	mercury	50	48	96,0	0	0,0	0,00678	0,00435	0,01320	0,04950	mg/kg
B3c	lead	50	7	14,0	0	0,0	0,00788	n.d.	0,01220	0,03000	mg/kg
B3d	ochratoxin A	15	4	26,7	0	0,0	0,34800	n.d.	0,73000	2,90000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	sulfadimidine	MRL - 100 µg/kg	0	0	0	0	0	**1**
B2d	azaperol	MRL - 100 µg/kg	35	0	0	0	0	0
B2d	azaperone	MRL - 100 µg/kg	35	0	0	0	0	0
B2d	carazolol	MRL - 25 µg/kg	35	0	0	0	0	0
B3c	cadmium	ML - 1 mg/kg	48	1	1	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	50	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3d	ochratoxin A	AL - 10 µg/kg	15	0	0	0	0	0

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

sampling date	cadastral dist. (sampling)	origin	value
residues of ihibitory substances			
9.10.2015	Karviná	Suchá u Nechanic	0
sulfadimidine			
3.4.2015	Semily	Zlíč	321 µg/kg

pigs - serum - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	46	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	46	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	46	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	chloramphenicol	10	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/l
A6	ipronidazole-OH	46	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	46	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	46	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	46	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	46	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	46	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	46	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

pigs - kidney fat - monitoring

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

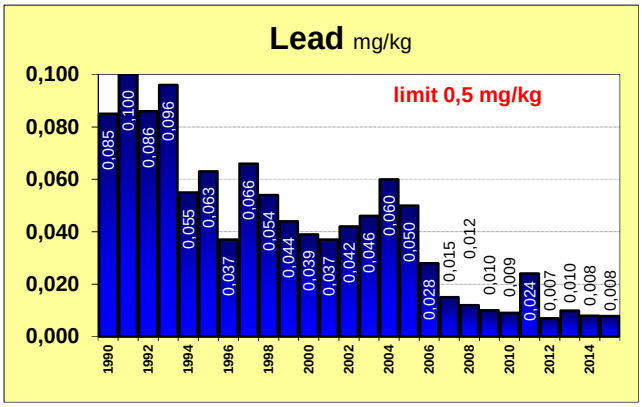
pigs - urine - monitoring

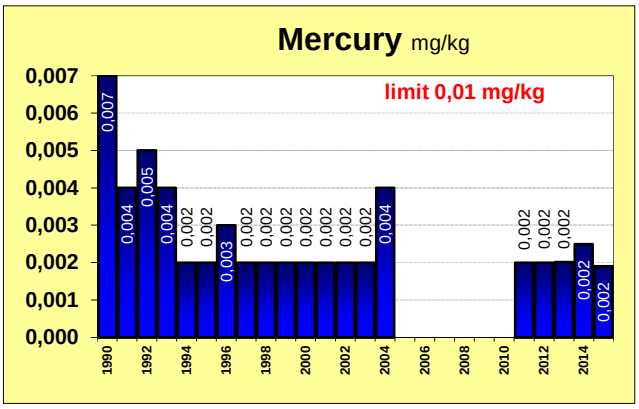
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	14	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	14	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	14	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	48	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	48	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	48	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	48	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	40	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	76	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	76	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexamethasone	40	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	40	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	76	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	40	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	76	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	76	2	2,6	**2**	**2,6**	0,73026	n.d.	n.d.	27,00000	µg/l
A3	norclostebol	76	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	40	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	40	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	25	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	stanazolol	25	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-alfa-trenbolonee	13	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	40	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	37	19	51,4	0	0,0	1,67297	0,60000	5,74000	7,30000	µg/l
A4	beta-zearalenol	37	9	24,3	0	0,0	0,30000	n.d.	0,90000	1,10000	µg/l
A4	taleranol	37	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	37	22	59,5	0	0,0	5,16622	5,40000	10,00000	10,00000	µg/l
A4	zearalanon	37	3	8,1	0	0,0	0,18649	n.d.	n.d.	0,60000	µg/l
A4	zeranol	37	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	brombuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimaterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	cimbuterol	5	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5	clenbuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	chlorbrombuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clencyclohexerol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenhexerol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenproperol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenpenterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	clenisopenterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	fenoterol	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A5	formoterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	hydroxymethylclenbuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	isoxsuprine	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A5	labetalol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mabuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	mapenterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	orciprenalin (metaprotenerol)	5	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A5	pirbuterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ractopamin	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	ritodrin	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	salbutamol	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A5	salmeterol	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A5	sotalol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	terbutalin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/l
A5	tulobuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	zilpaterol	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/l
A6	chloramphenicol	28	0	0,0	0	0,0	0,03143	n.d.	n.d.	0,05000	µg/l

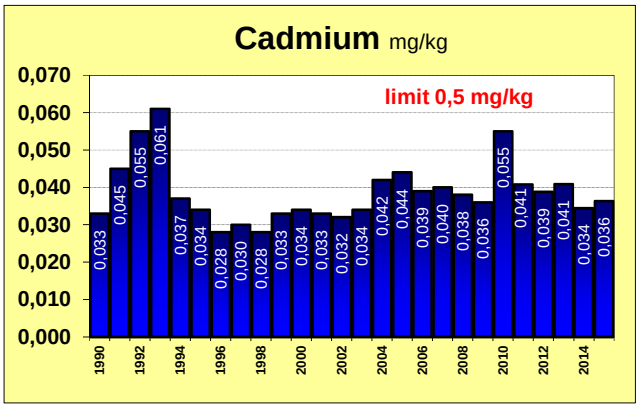
pigs - urine - monitoring - list of non-compliant results

sampling date	cadastral dist. (sampling)	origin	value
17-beta-19-nortestosterone			
29.5.2015	Blansko	Dlouhá Loučka	10 µg/l
2.2.2015	Šumperk	Moravičany	27 µg/l

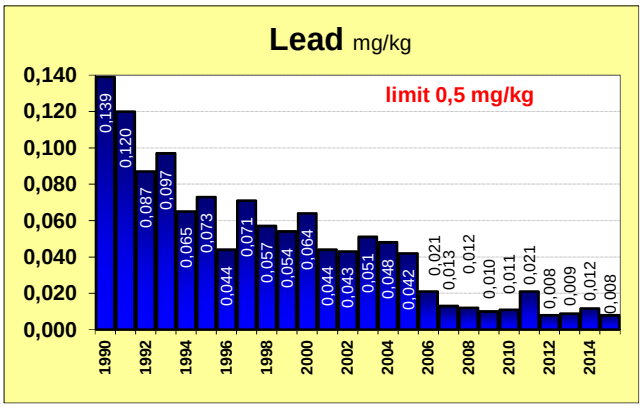
The average content of contaminants in the liver of pigs

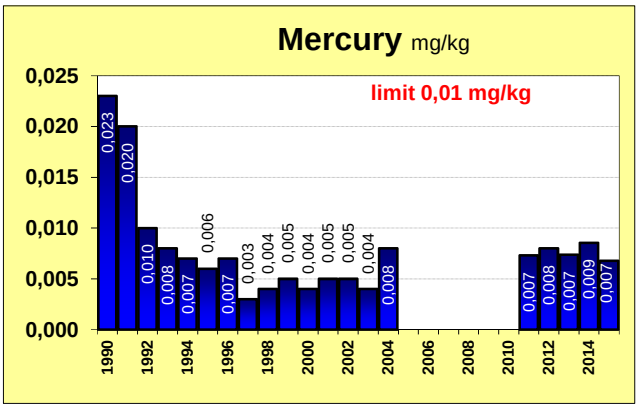


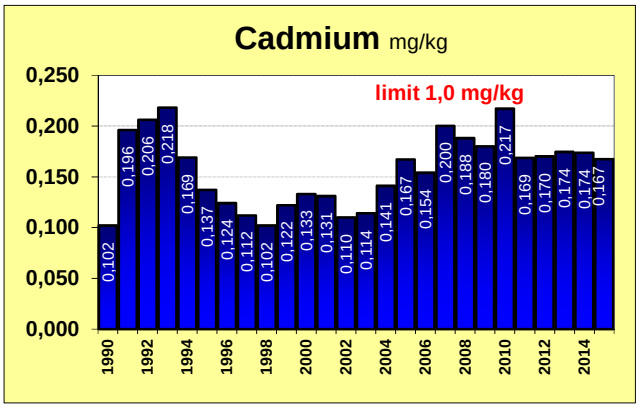




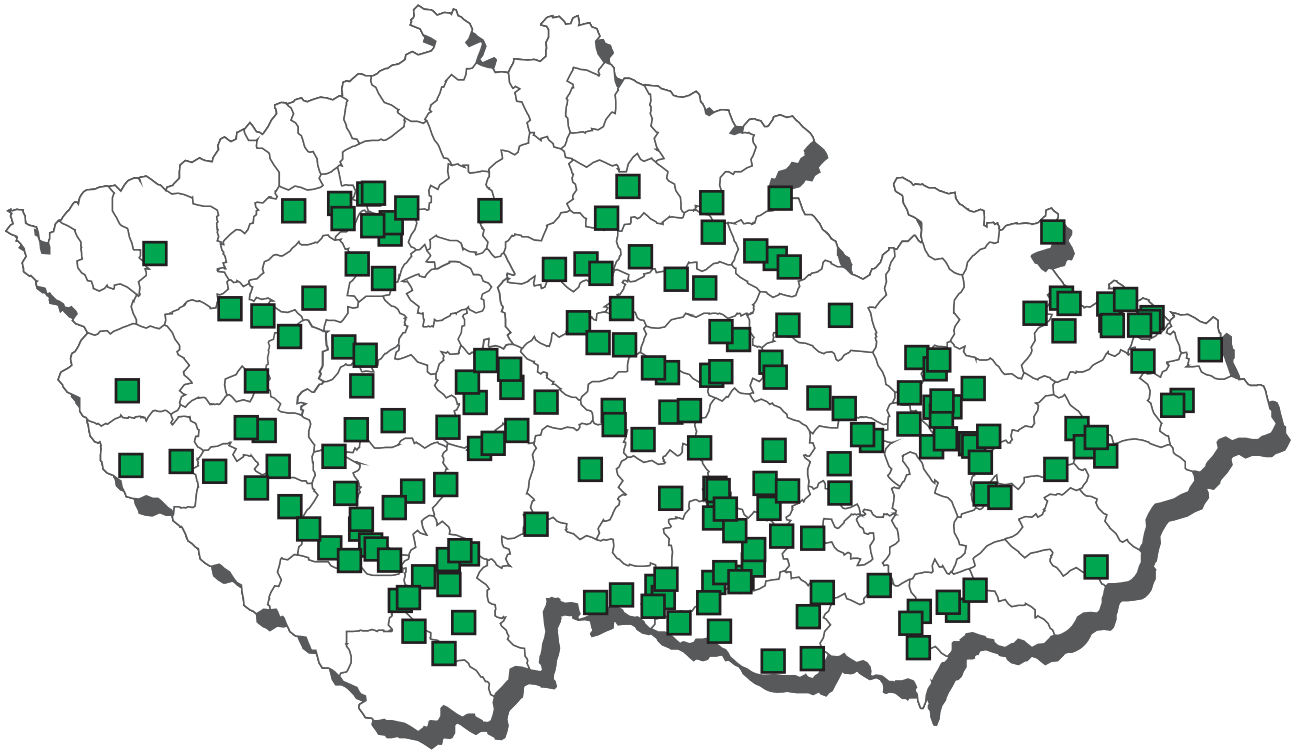
The average content of contaminants in the kidney of pigs







CL 2015 - sampling of sows



sows - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	betalactams	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	230	0	0,0	0	0,0	20,47826	n.d.	n.d.	25,00000	µg/kg
B1	dihydrostreptomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	230	0	0,0	0	0,0	20,47826	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	230	0	0,0	0	0,0	20,47826	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	230	0	0,0	0	0,0	31,89130	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin	4	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	quinolones	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	lincomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	macrolides	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	230	0	0,0	0	0,0	20,47826	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	230	0	0,0	0	0,0	20,47826	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	230	0	0,0	0	0,0	11,93478	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	valnemulin	230	0	0,0	0	0,0	10,80435	n.d.	n.d.	12,50000	µg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	230	0	0	0	0	0
B1	dihydrostreptomycin	MRL - 500 µg/kg	4	0	0	0	0	0
B1	difloxacin	MRL - 400 µg/kg	230	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	230	0	0	0	0	0
B1	flumequine	MRL - 200 µg/kg	230	0	0	0	0	0
B1	gentamycin	MRL - 50 µg/kg	4	0	0	0	0	0
B1	lincomycin	MRL - 100 µg/kg	4	0	0	0	0	0
B1	marbofloxacin	MRL - 150 µg/kg	230	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	4	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	230	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	230	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	4	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	4	0	0	0	0	0
B1	valnemulin	MRL - 50 µg/kg	230	0	0	0	0	0

sows - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	betalactams	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	dihydrostreptomycin	4	4	100,0	1	25,0	500,75000	407,50000	727,10000	842,00000	µg/kg
B1	gentamycin, neomycin	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	lincomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	spectinomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	230	7	3,0	1*	0,4	24,06348	n.d.	n.d.	1055,0000	µg/kg
B1	tetracyclines	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	

* The value of screening determination source confirmed subsequently as dihydrostreptomycin

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	dihydrostreptomycin	MRL - 500 µg/kg	0	2	1	0	1	0
B1	gentamycin	MRL - 200 µg/kg	4	0	0	0	0	0
B1	lincomycin	MRL - 500 µg/kg	4	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 500 µg/kg	4	0	0	0	0	0
B1	spectinomycin	MRL - 1000 µg/kg	4	0	0	0	0	0
B1	streptomycin	MRL - 500 µg/kg	4	0	0	0	0	0

sows - liver - monitoring

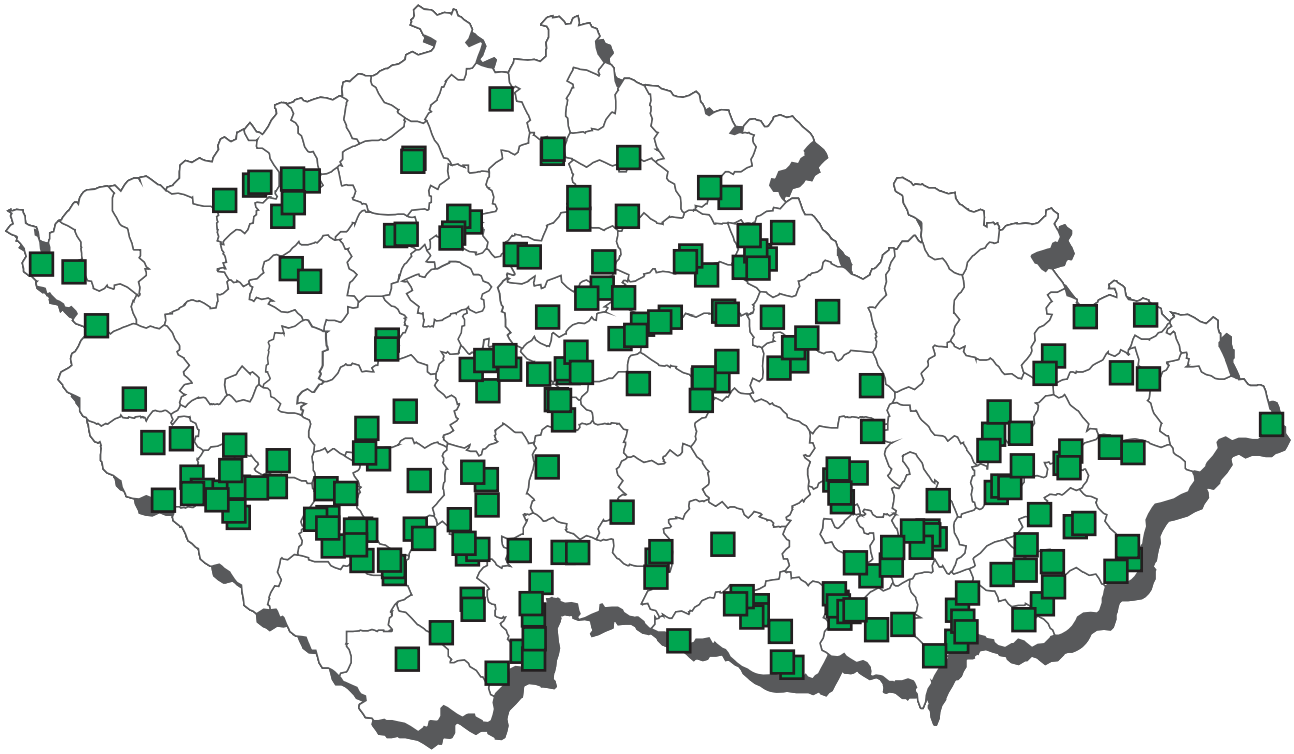
sampling date	dastral district (samplir	origin	value
dihydrostreptomycin			
6.10.2015	Třebíč	Chotěbudice	842 µg/kg

sows - kidney - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	235	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	235	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	dihydrostreptomycin	4	4	100,0	0	0,0	326,50000	349,00000	436,10000	452,00000	µg/kg
B1	gentamycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	lincomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	neomycin (incl. framycetin)	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	235	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	spectinomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	tetracyclines	235	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	dihydrostreptomycin	MRL - 1000 µg/kg	4	0	0	0	0	0
B1	gentamycin	MRL - 750 µg/kg	4	0	0	0	0	0
B1	lincomycin	MRL - 1500 µg/kg	4	0	0	0	0	0
B1	neomycin (incl. framycetin)	MRL - 5000 µg/kg	4	0	0	0	0	0
B1	spectinomycin	MRL - 5000 µg/kg	4	0	0	0	0	0
B1	streptomycin	MRL - 1000 µg/kg	4	0	0	0	0	0

CL 2015 - sampling of chicken



chicken - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	9	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	9	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	3	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	13	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	13	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	8	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	13	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	13	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	35	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	35	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	35	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	33	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	8	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	33	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	33	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	119	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	33	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	33	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	33	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	33	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	33	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	33	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	33	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	35	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	33	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	33	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	107	0	0,0	0	0,0	11,91589	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	107	0	0,0	0	0,0	11,91589	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	107	0	0,0	0	0,0	11,91589	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	107	0	0,0	0	0,0	11,91589	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	57	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	107	0	0,0	0	0,0	11,91589	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	107	0	0,0	0	0,0	11,91589	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sarafloxacin	50	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	107	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	50	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	107	0	0,0	0	0,0	12,03271	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	valnemulin	107	0	0,0	0	0,0	11,09813	n.d.	n.d.	12,50000	µg/kg
B2a	albendazole	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

chicken - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a fenbendazole	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a levamisole	23	0	0,0	0	0,0	3,20652	n.d.	n.d.	5,00000	µg/kg
B2a mebendazole	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a oxfendazole	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a rafoxanid	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a thiabendazole	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a triclabendazole	11	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c aldicarb	23	0	0,0	0	0,0	0,00304	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	23	0	0,0	0	0,0	0,00587	n.d.	n.d.	0,01000	mg/kg
B2c cyhalothrin	23	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	23	0	0,0	0	0,0	0,00137	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	23	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	23	0	0,0	0	0,0	0,00761	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	23	0	0,0	0	0,0	0,00587	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	23	0	0,0	0	0,0	0,00335	n.d.	n.d.	0,00500	mg/kg
B2c cis-permethrin	23	0	0,0	0	0,0	0,00335	n.d.	n.d.	0,00500	mg/kg
B2c trans-permethrin	23	0	0,0	0	0,0	0,00335	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	23	0	0,0	0	0,0	0,00587	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flufenamic acid	7	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	7	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	7	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e metamizol	7	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	7	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	7	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (suma)	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a WHO-PCDD/F-TEQ	1	0	0,0	0	0,0	0,00650	n.d.	n.d.	0,00650	pg/g
B3a WHO-PCDD/F-TEQ	2	1	50,0	0	0,0	0,31750	0,31750	0,42670	0,45400	pg/g fat
B3a WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,01430	0,01430	0,01430	0,01430	pg/g
B3a WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,80900	0,80900	1,12980	1,21000	pg/g fat
B3a endrin	18	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	18	1	5,6	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	18	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	14	0	0,0	0	0,0	3,85714	n.d.	n.d.	4,50000	ng/g fat
B3c arsenic	13	3	23,1	0	0,0	0,00550	n.d.	0,00980	0,01500	mg/kg
B3c cadmium	13	0	0,0	0	0,0	0,00192	n.d.	n.d.	0,00250	mg/kg
B3c mercury	13	4	30,8	0	0,0	0,00047	n.d.	0,00076	0,00080	mg/kg
B3c lead	13	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	3	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f 2,2',4,4',5-PentaBDE	3	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f 2,2',4,4',6-PentaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

chicken - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	107	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	107	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	107	0	0	0	0	0
B1	flumequine	MRL - 400 µg/kg	107	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	107	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1	spectinomycin	MRL - 300 µg/kg	50	0	0	0	0	0
B2a	fenbendazole	MRL - 50 µg/kg	11	0	0	0	0	0
B2a	levamisole	MRL - 10 µg/kg	11	12	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	11	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	15	8	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	23	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,02 mg/kg	23	0	0	0	0	0
B2c	cypermethrin	MRL - 0,01 mg/kg	23	0	0	0	0	0
B2c	deltamethrin	MRL - 0,01 mg/kg	23	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	23	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	15	8	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	23	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	23	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	18	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	ML - 1,75 pg/g fat	2	0	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 3 pg/g fat	2	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	18	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	18	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	18	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	18	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	14	0	0	0	0	0
B3c	arsenic	AL - 0,1 mg/kg	13	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	13	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	13	0	0	0	0	0
B3c	lead	ML - 0,1 mg/kg	13	0	0	0	0	0

chicken - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	27	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	27	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	27	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	27	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	27	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	27	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	27	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	27	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	27	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	27	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	27	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	27	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	27	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	27	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	27	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	27	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	aminoglycosides	106	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	streptomycines	107	0	0,0	0	0,0	12,03271	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	50	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	50	4	8,0	0	0,0	6,06540	n.d.	n.d.	123,10000	µg/kg
B2b	halofuginone	50	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	50	0	0,0	0	0,0	2,02000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	50	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	µg/kg
B2b	monensin	50	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	50	1	2,0	0	0,0	1,62800	n.d.	n.d.	3,90000	µg/kg
B2b	nicarbazin	50	31	62,0	0	0,0	50,09340	5,78000	150,91000	443,60000	µg/kg
B2b	robenidin	50	1	2,0	0	0,0	1,63600	n.d.	n.d.	4,30000	µg/kg
B2b	salinomycin	50	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	50	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	13	13	100,0	0	0,0	0,01077	0,00900	0,01500	0,03000	mg/kg
B3c	mercury	13	9	69,2	0	0,0	0,00088	0,00080	0,00152	0,00160	mg/kg
B3c	lead	13	1	7,7	0	0,0	0,00538	n.d.	n.d.	0,01000	mg/kg
B3d	aflatoxin B2	17	1	5,9	0	0,0	0,07729	n.d.	n.d.	0,41400	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	17	1	5,9	0	0,0	0,09671	n.d.	n.d.	0,41400	µg/kg

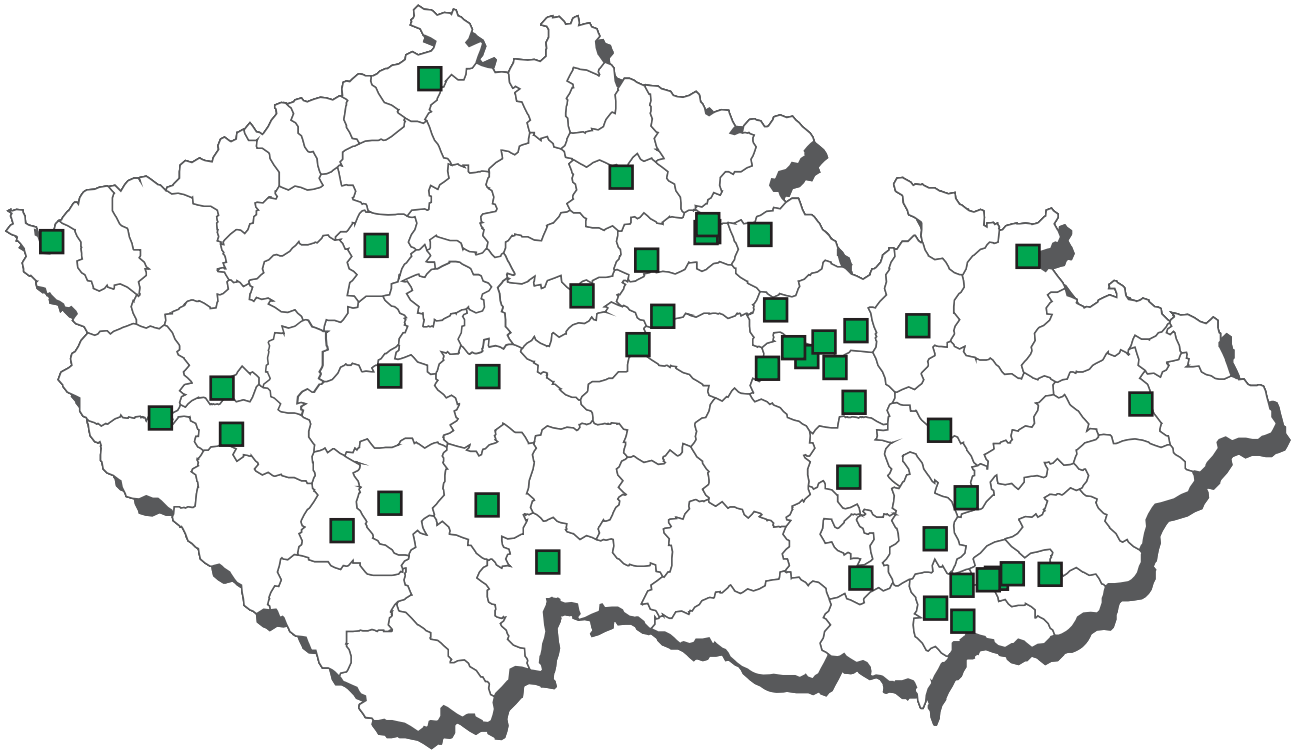
chicken - liver - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	MRL - 1000 µg/kg	50	0	0	0	0	0
B2b	diclazuril	MRL - 1500 µg/kg	50	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	50	0	0	0	0	0
B2b	maduramicin	MRL - 150 µg/kg	50	0	0	0	0	0
B2b	monensin	MRL - 8 µg/kg	50	0	0	0	0	0
B2b	narasin	MRL - 50 µg/kg	50	0	0	0	0	0
B2b	nicarbazin	MRL - 15000 µg/kg	50	0	0	0	0	0
B2b	robenidin	MRL - 800 µg/kg	50	0	0	0	0	0
B2b	salinomycin	MRL - 5 µg/kg	31	19	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	13	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	13	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	13	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	17	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	17	0	0	0	0	0

chicken - serum - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	26	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	26	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	26	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	26	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	26	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	26	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	26	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	26	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	26	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	26	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	26	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

CL 2015 - sampling of hens



hens - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	4	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	6	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	6	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	6	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	10	0	0,0	0	0,0	7,00000	n.d.	n.d.	10,00000	µg/kg
B1	difloxacin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	enrofloxacin	10	0	0,0	0	0,0	6,00000	n.d.	n.d.	7,50000	µg/kg
B1	flumequine	10	0	0,0	0	0,0	4,00000	n.d.	n.d.	5,00000	µg/kg
B1	gentamycin, neomycin	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	oxolinic acid	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	residues of ihibitory substances	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sarafloxacin	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1	sulfachlorpyridazine	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	10	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	spectinomycin	4	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	streptomycines	10	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	valnemulin	10	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	3,12500	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	8	0	0,0	0	0,0	0,00344	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	8	0	0,0	0	0,0	0,00688	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	8	0	0,0	0	0,0	0,00066	n.d.	n.d.	0,00100	mg/kg
B2c	cypermethrin	8	0	0,0	0	0,0	0,00113	n.d.	n.d.	0,00150	mg/kg
B2c	deltamethrin	8	0	0,0	0	0,0	0,00109	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	8	0	0,0	0	0,0	0,00875	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	8	0	0,0	0	0,0	0,00688	n.d.	n.d.	0,01000	mg/kg

hens - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2c	permethrin	8	0	0,0	0	0,0	0,00322	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	8	0	0,0	0	0,0	0,00322	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	8	0	0,0	0	0,0	0,00322	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	8	0	0,0	0	0,0	0,00688	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	8	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	8	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	8	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	8	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	8	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a	heptachlor	8	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	8	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a	beta-HCH	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	sum PCB	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	8	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	cadmium	8	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	8	6	75,0	0	0,0	0,00075	0,00075	0,00116	0,00200	mg/kg
B3c	lead	8	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

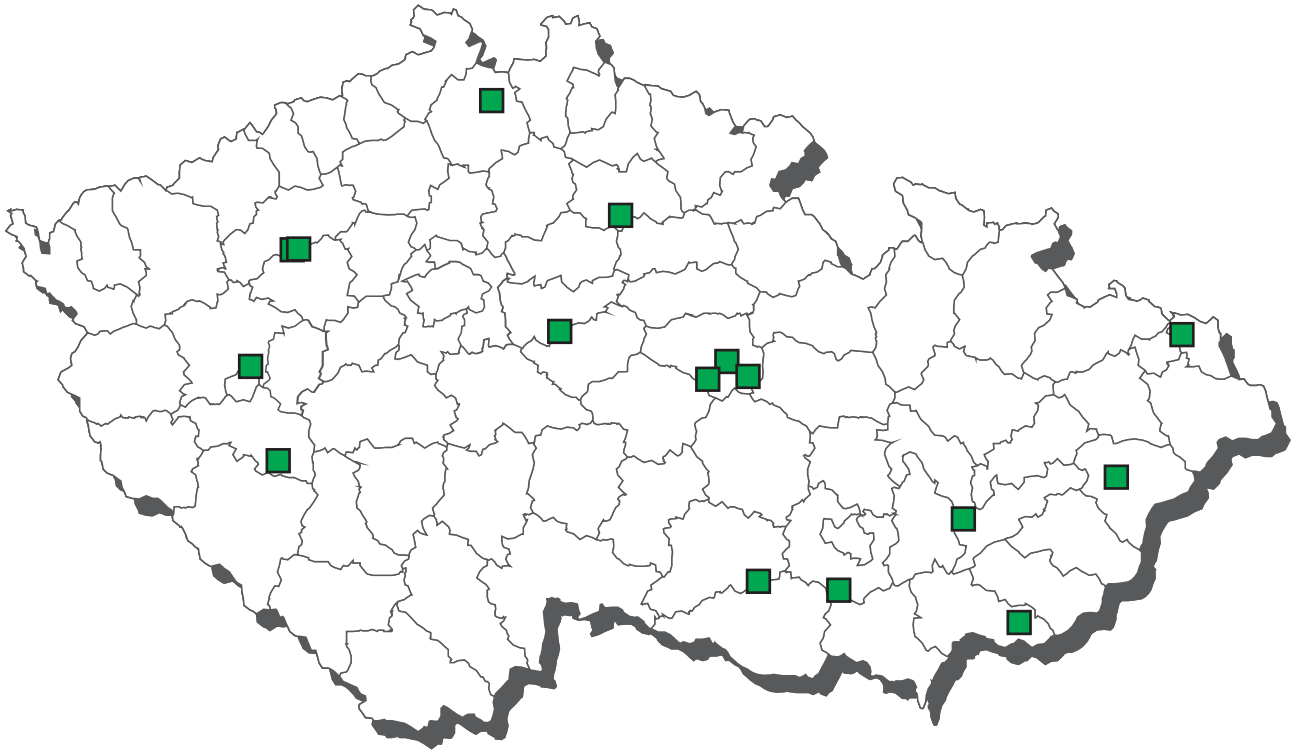
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c	aldicarb	MRL - 0,01 mg/kg	5	3	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	8	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,02 mg/kg	8	0	0	0	0	0
B2c	cypermethrin	MRL - 0,01 mg/kg	8	0	0	0	0	0
B2c	deltamethrin	MRL - 0,01 mg/kg	8	0	0	0	0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

hens - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	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	1,92857	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	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	21	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	21	2	9,5	0	0,0	2,76476	n.d.	n.d.	13,36000	µg/kg
B2b	robenidin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	21	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	8	8	100,0	0	0,0	0,16775	0,16100	0,25260	0,26100	mg/kg
B3c	mercury	8	7	87,5	0	0,0	0,00111	0,00095	0,00198	0,00240	mg/kg
B3c	lead	8	2	25,0	0	0,0	0,00775	n.d.	0,01440	0,02000	mg/kg
B3d	aflatoxin B2	7	0	0,0	0	0,0	0,06071	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	7	0	0,0	0	0,0	0,06714	n.d.	n.d.	0,09000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	ML - 20 µg/kg	21	0	0	0	0	0
B2b	diclazuril	ML - 40 µg/kg	21	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	21	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	21	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	21	0	0	0	0
B2b	monensin	ML - 8 µg/kg	21	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	21	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	21	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	21	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	8	13	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	21	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	7	1	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	8	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	8	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	7	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	7	0	0	0	0	0

CL 2015 - sampling of turkeys



turkeys - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	2	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	2	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	5	0	0,0	0	0,0	23,00000	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	5	0	0,0	0	0,0	13,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	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	sulfadimethoxine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	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	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	sulfamethoxazole	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	5	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	5	0	0,0	0	0,0	11,00000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	valnemulin	5	0	0,0	0	0,0	8,00000	n.d.	n.d.	12,50000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

turkeys - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e	diclofenac	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	2	0	0,0	0	0,0	3,75000	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	2	0	0,0	0	0,0	0,00375	n.d.	n.d.	0,00500	mg/kg
B3c	cadmium	2	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

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

turkeys - liver - monitoring

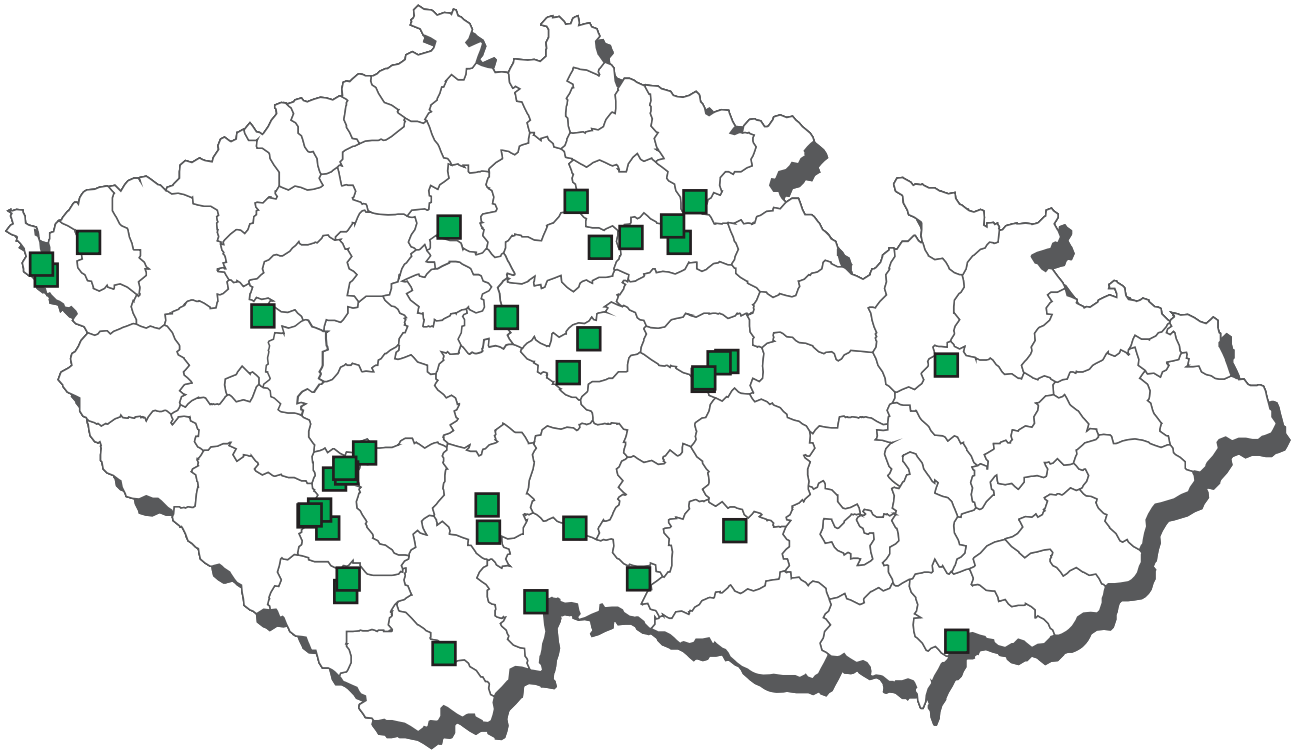
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2b	decoquinat	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	halofuginone	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	3	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	3	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c	cadmium	2	2	100,0	0	0,0	0,04950	0,04950	0,07150	0,07700	mg/kg
B3c	mercury	2	1	50,0	0	0,0	0,00055	0,00055	0,00059	0,00060	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d	aflatoxin B2	3	0	0,0	0	0,0	0,04167	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	3	0	0,0	0	0,0	0,09667	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	ML - 20 µg/kg	3	0	0	0	0	0
B2b	diclazuril	MRL - 1500 µg/kg	3	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	3	0	0	0	0	0
B2b	monensin	MRL - 8 µg/kg	3	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	3	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	3	0	0	0	0	0
B2b	robenidin	MRL - 400 µg/kg	3	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	2	1	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	3	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	2	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	3	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	3	0	0	0	0	0

turkeys - serum - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	carnidazol	4	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A6	dimetridazole	4	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A6	HMMNI	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	ipronidazole-OH	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ipronidazole	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A6	MNZOH	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	metronidazole	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A6	ornidazol	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6	ronidazole	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A6	secnidazol	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	ternidazol	4	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6	tinidazol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

CL 2015 - sampling of waterfowl



waterfowl - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	9	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	9	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	3	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	9	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	9	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	8	0	0,0	0	0,0	27,50000	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	8	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	8	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	valnemulin	8	0	0,0	0	0,0	8,75000	n.d.	n.d.	12,50000	µg/kg
B2a	levamisole	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	4	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	4	0	0,0	0	0,0	0,00775	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	4	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	4	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	4	0	0,0	0	0,0	0,00093	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	4	0	0,0	0	0,0	0,01150	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	4	0	0,0	0	0,0	0,00775	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	4	0	0,0	0	0,0	0,00144	n.d.	n.d.	0,00500	mg/kg

waterfowl - muscle - monitoring - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2c	cis-permethrin	4	0	0,0	0	0,0	0,00144	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	4	0	0,0	0	0,0	0,00144	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	4	0	0,0	0	0,0	0,00775	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	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	heptachlor	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	3	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c	arsenic	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	cadmium	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c	mercury	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c	lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

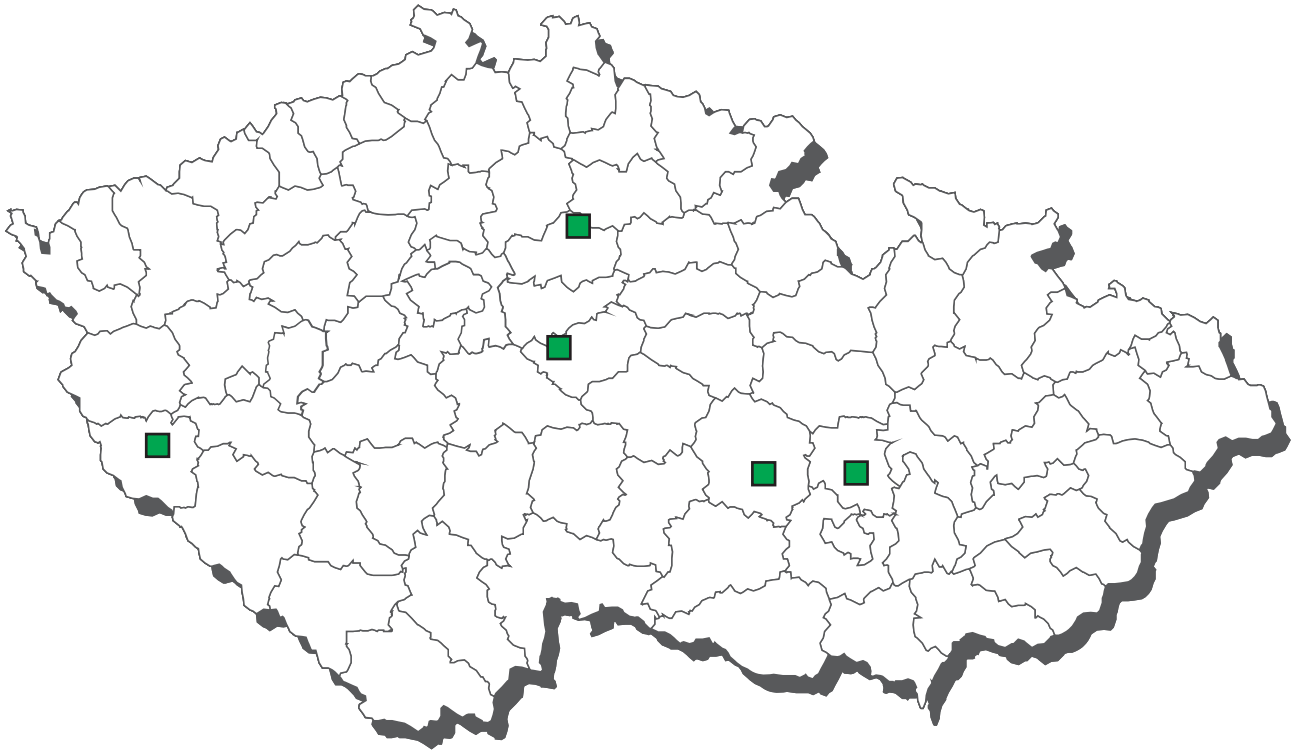
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 200 µg/kg	8	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	8	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1	flumequine	MRL - 400 µg/kg	8	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
B1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

waterfowl - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2b	aminoglycosides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2b	betalactams	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
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	1,54545	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	11	2	18,2	0	0,0	1,98182	n.d.	5,90000	6,90000	µg/kg
B2b	residues of ihibitory substances	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
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
B2b	tetracyclines	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B3c	cadmium	2	2	100,0	0	0,0	0,06500	0,06500	0,07300	0,07500	mg/kg
B3c	mercury	2	1	50,0	0	0,0	0,00075	0,00075	0,00095	0,00100	mg/kg
B3c	lead	2	1	50,0	0	0,0	0,00750	0,00750	0,00950	0,01000	mg/kg
B3d	aflatoxin B2	3	1	33,3	0	0,0	0,14300	n.d.	0,23820	0,27900	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	3	1	33,3	0	0,0	0,18167	n.d.	0,31000	0,36500	µg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b	decoquinat	ML - 20 µg/kg	11	0	0	0	0	0
B2b	diclazuril	MRL - 1500 µg/kg	11	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	11	0	0	0	0	0
B2b	lasalocid	MRL - 300 µg/kg	11	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	11	0	0	0	0
B2b	monensin	ML - 8 µg/kg	11	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	11	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	11	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	11	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	11	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	11	0	0	0	0
B3c	cadmium	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c	lead	ML - 0,5 mg/kg	2	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	3	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	3	0	0	0	0	0

CL 2015 - sampling of ostriches



ostriches - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
B1	betalactams	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	9	0	0,0	0	0,0	13,88889	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	9	0	0,0	0	0,0	13,88889	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	oxolinic acid	9	0	0,0	0	0,0	13,88889	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	9	0	0,0	0	0,0	11,11111	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
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	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2e	carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	7	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	7	3	42,9	0	0,0	0,00159	n.d.	0,00375	0,00449	mg/kg
B3a	endrin	7	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	7	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	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	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	7	0	0,0	0	0,0	0,00035	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	7	1	14,3	0	0,0	0,00037	n.d.	0,00050	0,00050	mg/kg
B3a	sum PCB	2	1	50,0	0	0,0	0,90000	0,90000	1,38000	1,50000	ng/g
B3a	sum PCB	5	2	40,0	1	20,0	24,75848	n.d.	60,22770	77,55370	ng/g fat
B3c	cadmium	4	0	0,0	0	0,0	0,00213	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	4	2	50,0	0	0,0	0,00040	0,00045	0,00050	0,00050	mg/kg
B3c	lead	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

ostriches - muscle - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	9	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	3	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	3	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	3	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	7	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	7	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	7	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	7	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	7	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	7	0	0	0	0	0
B3a	sum PCB	AL - 40 ng/g fat	3	0	1	0	**1**	0
B3c	cadmium	AL - 0,1 mg/kg	4	0	0	0	0	0
B3c	mercury	AL - 0,01 mg/kg	4	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	4	0	0	0	0	0

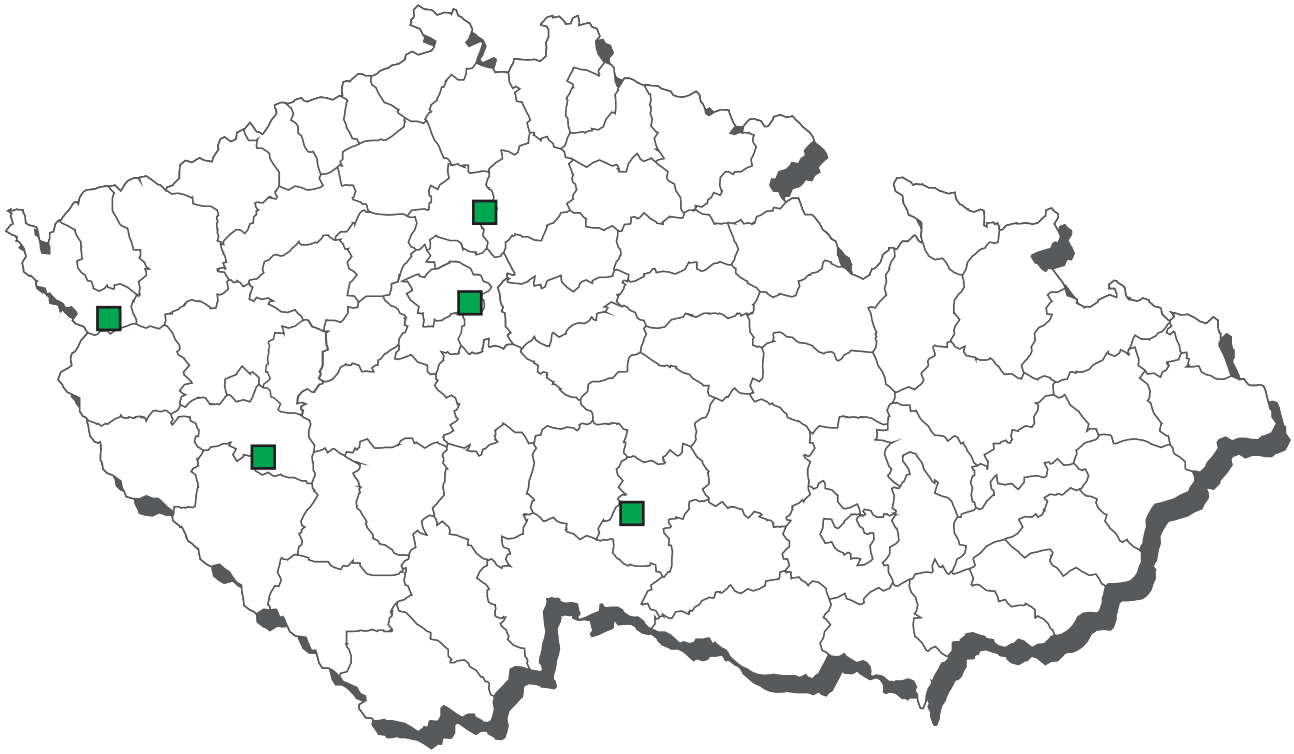
sampling date	cadastral dist. (sampling)	origin	value
sum PCB			
16.9.2015	Litoměřice		77,5537 ng/g fat

ostriches - liver - monitoring

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	2	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	2	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a	abamectin	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	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
B2b	decoquinat	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	diclazuril	5	1	20,0	0	0,0	2,80000	n.d.	6,10000	8,50000	µg/kg
B2b	halofuginone	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	lasalocid	5	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	narasin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	nicarbazin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	robenidin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	salinomycin	5	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b	semduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	underramectin	MRL - 100 µg/kg	5	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	5	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	5	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	5	0	0	0	0	0
B2b	lasalocid	ML - 50 µg/kg	5	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	5	0	0	0	0
B2b	monensin	ML - 8 µg/kg	5	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	5	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	5	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	5	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	4	1	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	5	0	0	0	0

CL 2015 - sampling of rabbits



Rabbits - non-compliant results 2015

salinomycin - liver

rabbits - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A4	alfa-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4	zearalanon	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4	zeranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	2	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	4	0	0,0	0	0,0	0,04375	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	2	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	9	0	0,0	0	0,0	13,88889	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	9	0	0,0	0	0,0	13,88889	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	oxolinic acid	9	0	0,0	0	0,0	13,88889	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	9	0	0,0	0	0,0	250,00000	n.d.	n.d.	250,00000	µg/kg
B1	tetracyclines	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
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	1,25000	n.d.	n.d.	1,25000	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	1,25000	n.d.	n.d.	1,25000	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	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c	carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c	cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c	deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c	methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c	methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c	permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e	carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

rabbits - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e	diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	DDT (sum)	2	1	50,0	0	0,0	0,00028	0,00028	0,00038	0,00040	mg/kg
B3a	endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	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	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	heptachlor	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	alfa-HCH	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	beta-HCH	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	sum PCB	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c	cadmium	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00110	0,00110	0,00110	0,00110	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

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

rabbits - liver - monitoring

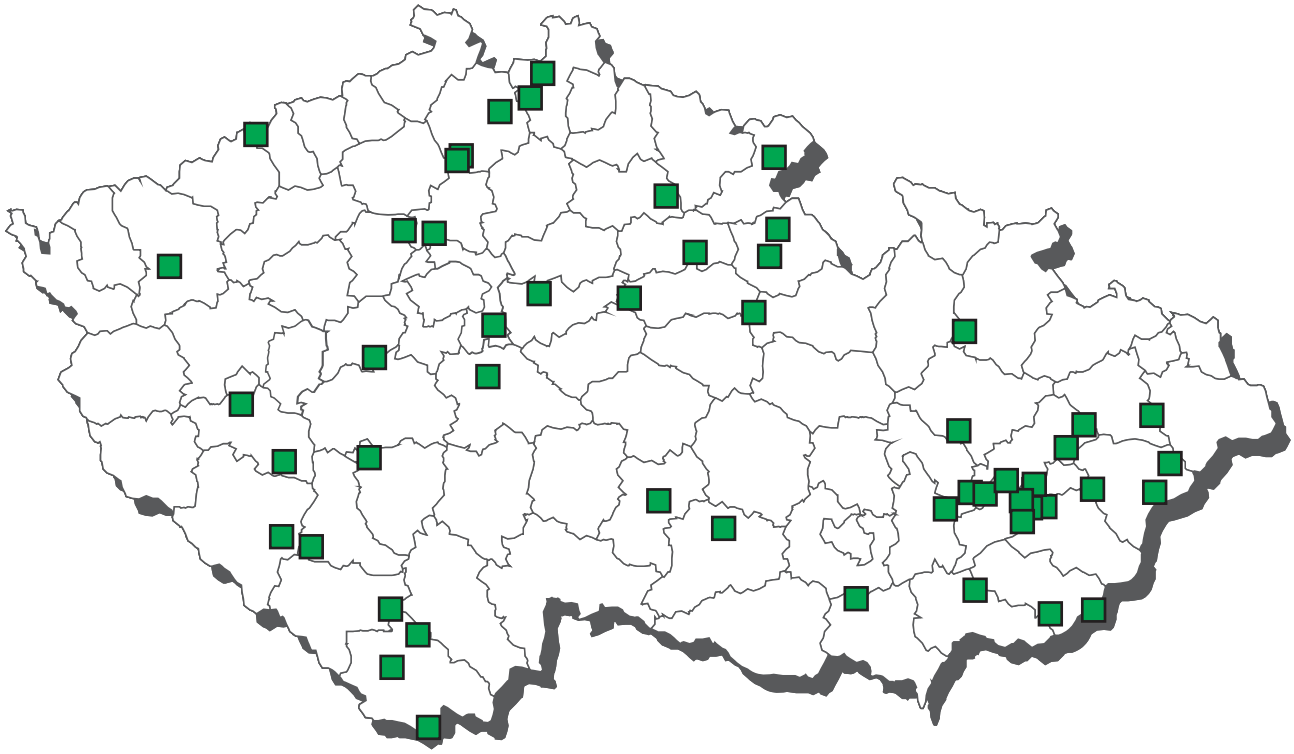
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	5	2	40,0	0	0,0	3,73200	n.d.	8,22400	9,80000	µg/kg
B2b	halofuginone	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	5	0	0,0	0	0,0	1,90000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	5	1	20,0	0	0,0	5,08000	n.d.	13,24000	21,40000	µg/kg
B2b	salinomycin	5	1	20,0	**1**	**20,0**	1,24000	n.d.	1,72000	2,20000	µg/kg
B2b	semduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

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

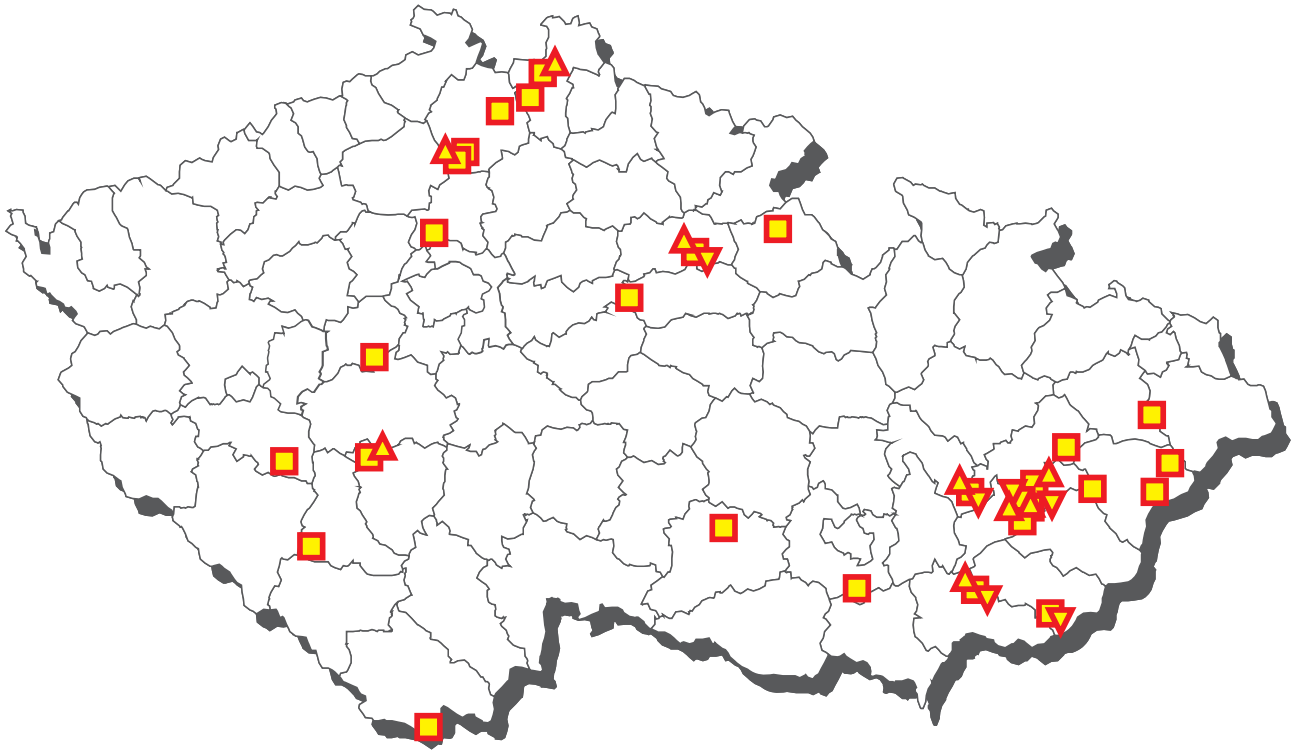
rabbits - liver - monitoring - list of non-compliant results

sampling date	cadastral dist. (sampling)	origin	value
salinomycin			
20.8.2015	Cheb	Velká Hleďsebe	2,2 µg/kg

CL 2015 - sampling of horses



Horses - non-compliant results 2015



cadmium - liver, kidney, muscle mercury kidney mercury liver

horses - muscle - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	2	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dapsone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	dimetridazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	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	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	2	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	2	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	oxolinic acid	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	2	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	oxfendazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2c	aldicarb	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c	carbofuran	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	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	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c	deltamethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c	methiocarb	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	methomyl	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	cis-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e	carprofen	20	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	diclofenac	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flufenamic acid	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	20	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	ibuprofen	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	20	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e	metamizol	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	20	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	20	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg

horses - muscle - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin, dieldrin (suma)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	1	100,0	0	0,0	0,00230	0,00230	0,00230	0,00230	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	hexachlorbenzen	1	1	100,0	0	0,0	0,00203	0,00203	0,00203	0,00203	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	1	1	100,0	0	0,0	22,58740	22,58740	22,58740	22,58740	ng/g fat
B3c	arsenic	30	5	16,7	0	0,0	0,00523	n.d.	0,00820	0,03800	mg/kg
B3c	cadmium	30	30	100,0	**5**	**16,7**	0,13597	0,09950	0,33470	0,48000	mg/kg
B3c	mercury	30	11	36,7	0	0,0	0,00080	n.d.	0,00128	0,00720	mg/kg
B3c	lead	30	3	10,0	0	0,0	0,00557	n.d.	0,00550	0,01200	mg/kg

	analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	1	0	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	1	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	1	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	1	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2e	carprofen	MRL - 500 µg/kg	20	0	0	0	0	0
B2e	flunixin	MRL - 10 µg/kg	20	0	0	0	0	0
B2e	meloxicam	MRL - 20 µg/kg	20	0	0	0	0	0
B2e	vedaprofen	MRL - 50 µg/kg	20	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a	sum PCB	AL - 40 ng/g fat	0	1	0	0	0	0
B3c	arsenic	AL - 0,1 mg/kg	30	0	0	0	0	0
B3c	cadmium	ML - 0,2 mg/kg	15	6	2	**3***	**2**	**2**
B3c	mercury	MRL - 0,01 mg/kg	29	1	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	30	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

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

sampling date	cadastral dist. (sampling)	origin	value
cadmium			
5.3.2015	Náchod	Spáleniště	0,48 mg/kg
13.4.2015	Hradec Králové	Kukleny	0,274 mg/kg
8.4.2015	Kroměříž	Hošťálková	0,33 mg/kg
22.4.2015	Kroměříž	Horní Bečva	0,377 mg/kg
11.5.2015	Zlín	Nový Hrozenkov	0,418 mg/kg

horses - liver - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	streptomycines	2	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	1	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b	diazinone	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	phorate	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3b	pyrimiphosmethyl	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B3c	cadmium	30	30	100,0	30	100,0	9,13817	6,05050	20,67000	34,30000	mg/kg
B3c	mercury	30	30	100,0	6	20,0	0,01275	0,00715	0,02855	0,05080	mg/kg
B3c	lead	30	30	100,0	0	0,0	0,08053	0,07000	0,15100	0,19200	mg/kg
B3d	aflatoxin B2	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

horses - liver - monitoring - (continuation)

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

* compliant (within expanded uncertainty of measurement)

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

sampling date	cadastral dist. (sampling)	origin	value
cadmium			
8.1.2015	Český Krumlov	Svatomírov	7,04 mg/kg
5.3.2015	Náchod	Spáleniště	14 mg/kg
18.3.2015	Liberec	Křižany	10,82 mg/kg
20.3.2015	Česká Lípa	Noviny pod Ralskem	1,303 mg/kg
25.3.2015	Zlín	Tlumačov na Moravě	4,4 mg/kg
13.4.2015	Hradec Králové	Kukleny	2,955 mg/kg
7.4.2015	Houndernín	Brno	6,08 mg/kg
8.4.2015	Kroměříž	Hošťálková	28,5 mg/kg
17.4.2015	Kroměříž	Horní Němčí	8,13 mg/kg
22.4.2015	Kroměříž	Horní Bečva	31,8 mg/kg
11.5.2015	Zlín	Nový Hrozenkov	34,3 mg/kg
28.5.2015	Kolín	Selmice	1,809 mg/kg
15.6.2015	Klatovy	Hoslovice	4,38 mg/kg
22.7.2015	Třebíč	Trnava u Třebíče	9,09 mg/kg
29.9.2015	Liberec	Horní Chrastava	6,021 mg/kg
7.10.2015	Liberec	Deštná u Dubé	9,51 mg/kg
9.10.2015	Česká Lípa	Noviny pod Ralskem	1,83 mg/kg
12.10.2015	Zlín	Hruška	4,38 mg/kg
13.10.2015	Benešov	Dolní Nerestce	3,318 mg/kg
2.11.2015	Zlín	Mniší	19,8 mg/kg
11.2.2015	Plzeň-jih	Třebčice	3,48 mg/kg
25.3.2015	Kladno	Dubá	1,146 mg/kg
12.5.2015	Kroměříž	Žeravice u Kyjova	2,16 mg/kg
20.5.2015	Kladno	Dřínov	2,013 mg/kg
3.6.2015	Kroměříž	Opatovice u Hranic	4,32 mg/kg
12.8.2015	Kroměříž	Nový Hrozenkov	9,67 mg/kg
13.8.2015	Kroměříž	Pravčice	10,3 mg/kg
16.8.2015	Kroměříž	Pacetluky	5,57 mg/kg
26.8.2015	Kroměříž	Ludslavice	8,32 mg/kg
13.10.2015	Plzeň-jih	Osov	17,7 mg/kg
mercury			
13.4.2015	Hradec Králové	Kukleny	0,029 mg/kg
17.4.2015	Kroměříž	Horní Němčí	0,022 mg/kg
12.10.2015	Zlín	Hruška	0,0246 mg/kg
12.5.2015	Kroměříž	Žeravice u Kyjova	0,0285 mg/kg
13.8.2015	Kroměříž	Pravčice	0,0508 mg/kg
26.8.2015	Kroměříž	Ludslavice	0,0395 mg/kg

horses - kidney - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1	aminoglycosides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2d	acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	azaperone	1	0	0,0	0	0,0	5,50000	n.d.	n.d.	5,50000	µg/kg
B2d	carazolol	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	chlorpromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d	haloperiunderl - metabolite	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	haloperiunderl	1	0	0,0	0	0,0	3,00000	n.d.	n.d.	3,00000	µg/kg
B2d	propionylpromazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d	xylazine	1	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,00000	µg/kg
B3c	cadmium	30	30	100,0	30	100,0	51,22263	35,90000	99,91000	124,00000	mg/kg
B3c	mercury	30	30	100,0	9	30,0	0,07128	0,03535	0,18370	0,23200	mg/kg
B3c	lead	30	23	76,7	0	0,0	0,02380	0,02000	0,04550	0,07000	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	ML - 1 mg/kg	0	0	0	0	0	30
B3c	mercury	MRL - 0,01 mg/kg	0	4	3	0	0	9
B3c	lead	AL - 0,5 mg/kg	30	0	0	0	0	0
B3d	ochratoxin A	AL - 10 µg/kg	1	0	0	0	0	0

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

sampling date	cadastral dist. (sampling)	origin	value
cadmium			
8.1.2015	Český Krumlov	Svatomírov	36,1 mg/kg
5.3.2015	Náchod	Spáleniště	121 mg/kg
18.3.2015	Liberec	Křižany	29,96 mg/kg
20.3.2015	Česká Lípa	Noviny pod Ralskem	14,64 mg/kg
25.3.2015	Zlín	Tlumačov na Moravě	25,9 mg/kg
13.4.2015	Hradec Králové	Kukleny	57,553 mg/kg
7.4.2015	Houndernín	Třebičice	35,7 mg/kg
8.4.2015	Kroměříž	Hošťálková	118 mg/kg
17.4.2015	Kroměříž	Horní Němčí	31,9 mg/kg
22.4.2015	Kroměříž	Horní Bečva	124 mg/kg
11.5.2015	Zlín	Nový Hrozenkov	97,9 mg/kg
28.5.2015	Kolín	Selmice	32,756 mg/kg
15.6.2015	Klatovy	Hoslovice	46,6 mg/kg
22.7.2015	Třebíč	Trnava u Třebíče	51,3 mg/kg
29.9.2015	Liberec	Horní Chrastava	79,56 mg/kg
7.10.2015	Liberec	Deštná u Dubé	92,92 mg/kg
9.10.2015	Česká Lípa	Noviny pod Ralskem	14,55 mg/kg
12.10.2015	Zlín	Hruška	17,5 mg/kg
13.10.2015	Benešov	Dolní Nerestce	12 mg/kg
2.11.2015	Zlín	Mniší	94,4 mg/kg
13.10.2015	Plzeň-jih	Osov	28,8 mg/kg
11.2.2015	Plzeň-jih	Třebčice	35,7 mg/kg
25.3.2015	Kladno	Dubá	25,7 mg/kg
12.5.2015	Kroměříž	Žeravice u Kyjova	25,4 mg/kg
20.5.2015	Kladno	Dřínov	28,24 mg/kg
3.6.2015	Kroměříž	Opatovice u Hranic	39,3 mg/kg
12.8.2015	Kroměříž	Nový Hrozenkov	29,2 mg/kg
13.8.2015	Kroměříž	Pravčice	69,9 mg/kg
16.8.2015	Kroměříž	Pacetluky	54,9 mg/kg
26.8.2015	Kroměříž	Ludslavice	65,3 mg/kg
mercury			
13.4.2015	Hradec Králové	Kukleny	0,161 mg/kg
29.9.2015	Liberec	Horní Chrastava	0,129 mg/kg
7.10.2015	Liberec	Deštná u Dubé	0,053 mg/kg
12.10.2015	Zlín	Hruška	0,217 mg/kg
13.10.2015	Benešov	underlní Nerestce	0,18 mg/kg
12.5.2015	Kroměříž	Žeravice u Kyjova	0,128 mg/kg
13.8.2015	Kroměříž	Pravčice	0,232 mg/kg
16.8.2015	Kroměříž	Pacetluky	0,108 mg/kg
26.8.2015	Kroměříž	Ludslavice	0,225 mg/kg

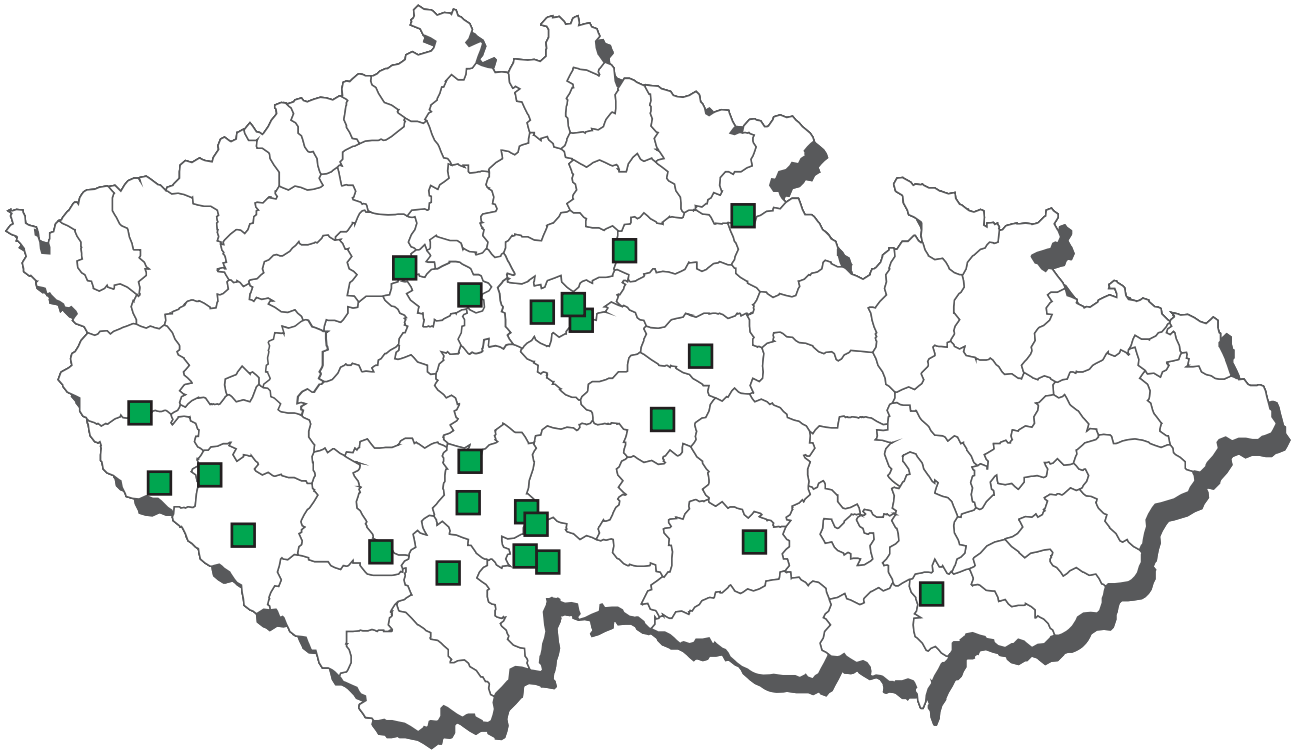
horses - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexamethasone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	metylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	1	1	100,0	0	0,0	1,20000	1,20000	1,20000	1,20000	µg/l
A4	beta-zearalenol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	1	1	100,0	0	0,0	3,80000	3,80000	3,80000	3,80000	µg/l
A4	zearalanon	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zeranol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l

horses - serum - monitoring

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

CL 2015 - sampling of farmed cloven-hoofed animals



farmed cloven-hoofed animals - muscle

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2	tapazole	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2	thiouracil	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2	methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2	propylthiouracil	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3	17-beta-boldenone	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	17-alfa-19-nortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	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	gentamycin, neomycin	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	oxolinic acid	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.	qualit.	
B1	sulfachlorpyridazine	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	sulfadimethoxine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	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	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	sulfamethoxazole	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	17	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	streptomycines	17	0	0,0	0	0,0	12,05882	n.d.	n.d.	12,50000	µg/kg
B1	tetracyclines	17	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	albendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	fenbendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	levamisole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	mebendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	oxfendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	rafoxanid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	thiabendazole	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a	triclabendazole	2	0	0,0	0	0,0	1,25000	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	0,00100	n.d.	n.d.	0,00100	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	cis-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	trans-permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c	propoxur	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2e	carprofen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	diclofenac	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

farmed cloven-hoofed animals - muscle - (continuation)

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e	flufenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	flunixin	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ibuprofen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	ketoprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meclofenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	mefenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	meloxicam	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	metamizol	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	naproxen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	niflumic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	oxyphenbutazone	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	phenylbutazone	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	tolfenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e	vedaprofen	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a	aldrin, dieldrin (suma)	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	7	1	14,3	0	0,0	0,00142	n.d.	0,00379	0,00872	mg/kg
B3a	endrin	7	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	7	1	14,3	0	0,0	0,00032	n.d.	0,00080	0,00124	mg/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	gama-HCH (lindan)	7	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	sum PCB	2	1	50,0	0	0,0	20,63140	20,63140	33,53652	36,76280	ng/g fat
B3c	cadmium	8	0	0,0	0	0,0	0,00213	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	8	4	50,0	0	0,0	0,00043	0,00040	0,00059	0,00080	mg/kg
B3c	lead	8	1	12,5	0	0,0	0,00688	n.d.	0,00950	0,02000	mg/kg

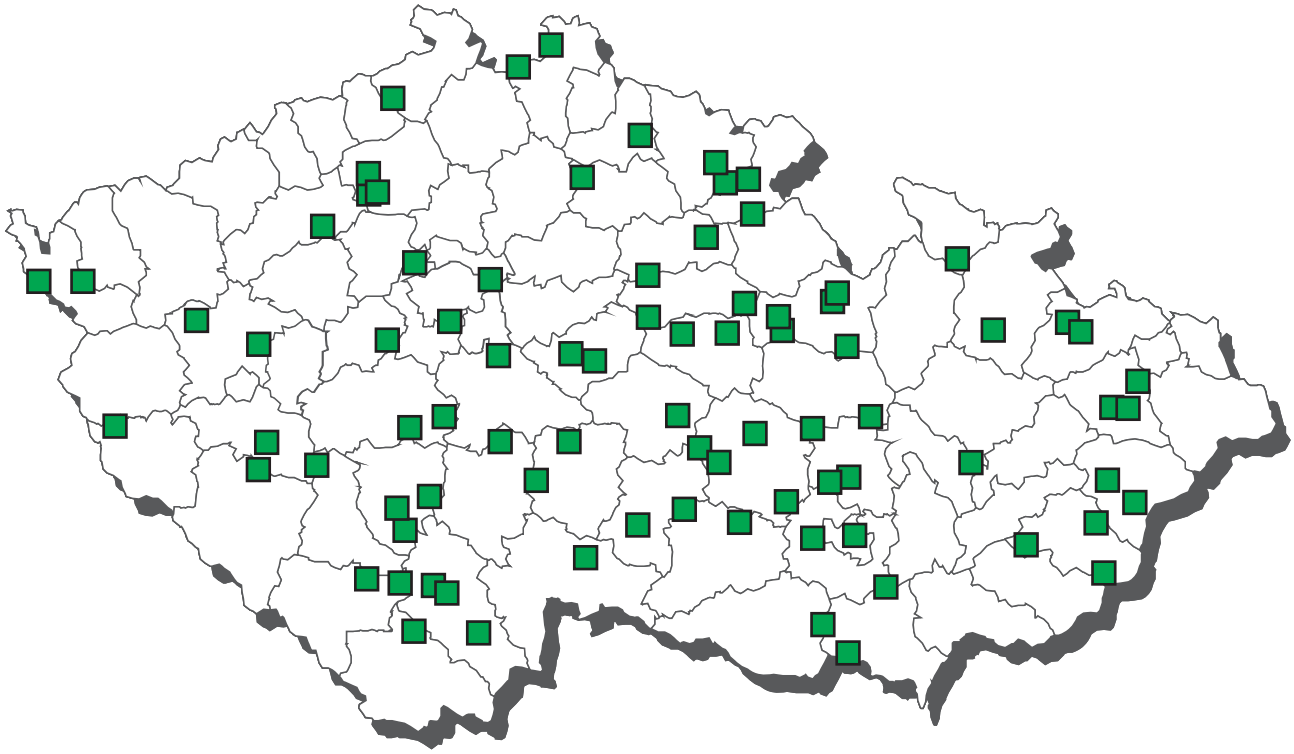
analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	17	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	17	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	17	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	17	0	0	0	0	0
B2c	aldicarb	MRL - 0,01 mg/kg	1	0	0	0	0	0
B2c	carbofuran	MRL - 0,1 mg/kg	1	0	0	0	0	0
B2c	cyhalothrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	cypermethrin	MRL - 0,2 mg/kg	1	0	0	0	0	0
B2c	deltamethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	methiocarb	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	methomyl	MRL - 0,02 mg/kg	1	0	0	0	0	0
B2c	permethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c	propoxur	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	7	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	7	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	7	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	7	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	7	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	7	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	7	0	0	0	0	0
B3a	sum PCB	AL - 40 ng/g fat	1	0	1	0	0	0
B3c	cadmium	AL - 0,1 mg/kg	8	0	0	0	0	0
B3c	mercury	AL - 0,01 mg/kg	8	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	8	0	0	0	0	0

farmed cloven-hoofed animals - liver

analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	brombuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	carbuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimaterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	cimbuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenbuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	chlorbrombuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clencyclohexerol	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	clenhexerol	6	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5	clenproperol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	clenpenterol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	clenisopenterol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	fenoterol	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	formoterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	hydroxymethylclenbuterol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	isoxsuprine	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5	labetalol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	mabuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	mapenterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	orciprenalin (metaprotenerol)	6	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5	pirbuterol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ractopamin	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	ritodrin	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5	salbutamol	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5	salmeterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	sotalol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	terbutalin	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5	tulobuterol	6	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5	zilpaterol	6	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a	abamectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	9	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b	decoquinat	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	diclazuril	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	halofuginone	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	lasalocid	6	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2b	maduramicin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	monensin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	narasin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	nicarbazin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	robenidin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	salinomycin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b	semduramicin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a	underramectin	MRL - 100 µg/kg	9	0	0	0	0	0
B2a	emamectin	MRL - 80 µg/kg	9	0	0	0	0	0
B2b	decoquinat	ML - 20 µg/kg	6	0	0	0	0	0
B2b	halofuginone	ML - 30 µg/kg	6	0	0	0	0	0
B2b	lasalocid	ML - 50 µg/kg	6	0	0	0	0	0
B2b	maduramicin	ML - 2 µg/kg	0	6	0	0	0	0
B2b	monensin	ML - 8 µg/kg	6	0	0	0	0	0
B2b	narasin	ML - 50 µg/kg	6	0	0	0	0	0
B2b	nicarbazin	ML - 300 µg/kg	6	0	0	0	0	0
B2b	robenidin	ML - 50 µg/kg	6	0	0	0	0	0
B2b	salinomycin	ML - 5 µg/kg	6	0	0	0	0	0
B2b	semduramicin	ML - 2 µg/kg	0	6	0	0	0	0

CL 2015 - sampling of fresh water fish - carps



freshwater fish - carps - muscle - monitoring

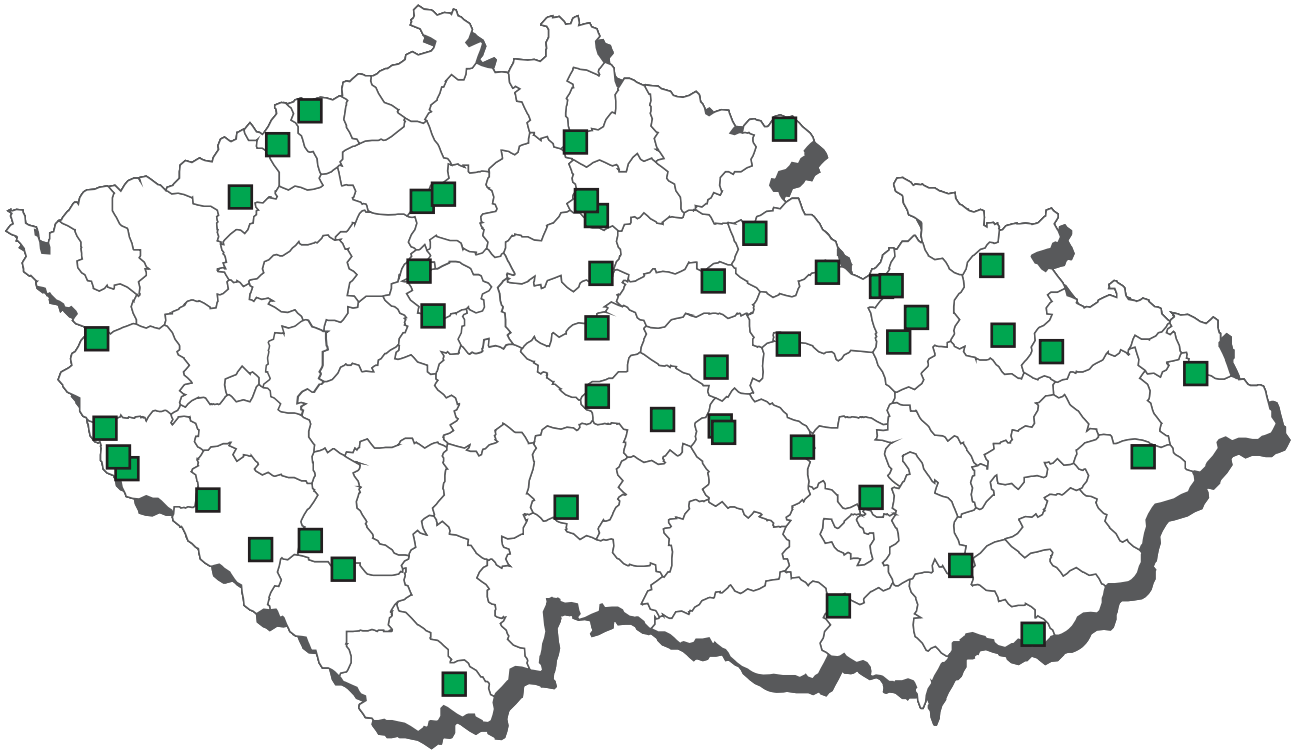
	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	8	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	8	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	8	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	8	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-boldenone	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	methylboldenone	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	8	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	5	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	5	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	11	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	9	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	13	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	9	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	9	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	9	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	9	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	9	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	9	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	9	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	9	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	9	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	9	0	0,0	0	0,0	23,88889	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	9	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	9	0	0,0	0	0,0	18,33333	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	9	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	7	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	niclosamid	7	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
B3a	aldrin, dieldrin (suma)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	2	2	100,0	0	0,0	0,01235	0,01235	0,01463	0,01520	mg/kg
B3a	endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	2	1	50,0	0	0,0	0,00070	0,00070	0,00118	0,00130	mg/kg
B3a	heptachlor	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg

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

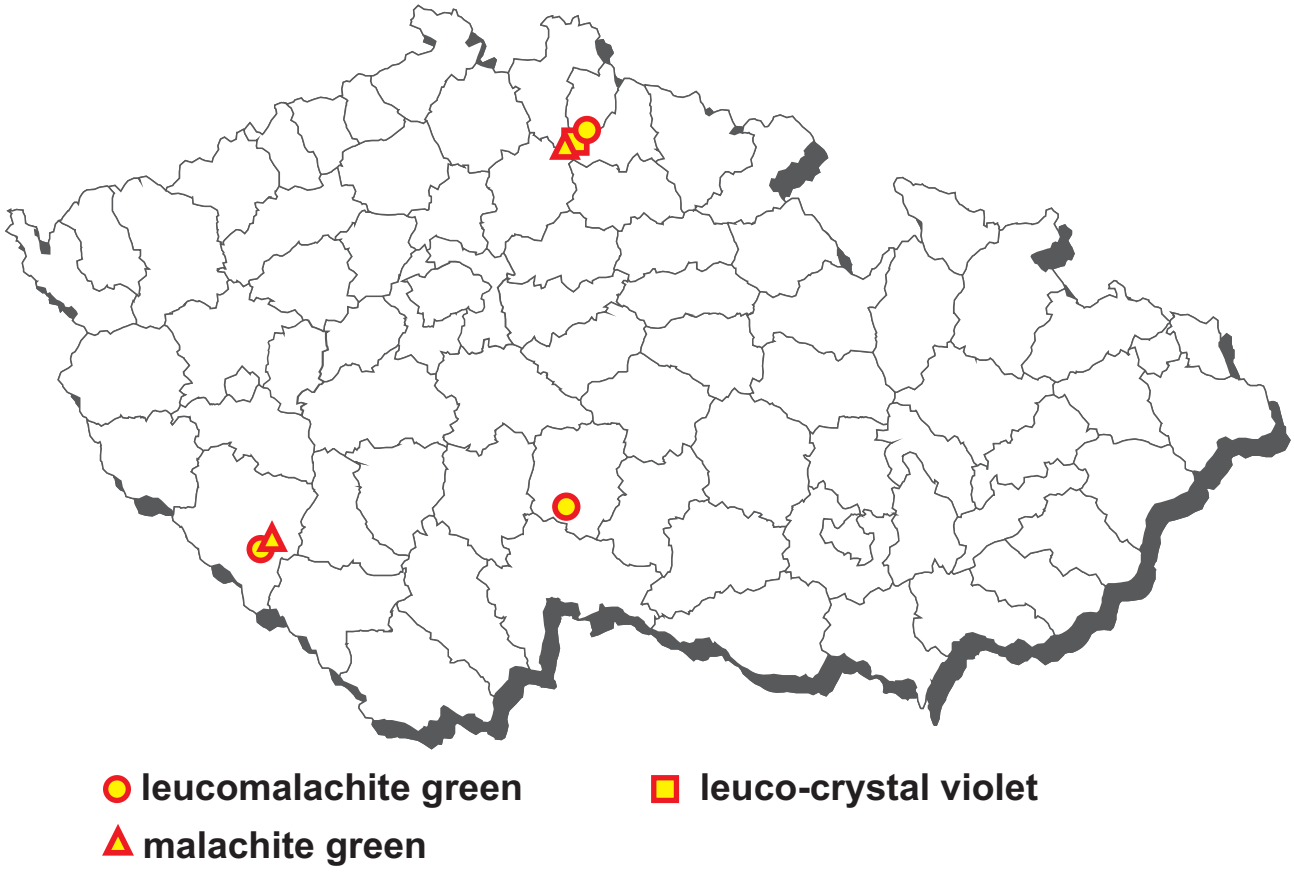
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	alfa-HCH	2	0	0,0	0	0,0	0,00013	n.d.	n.d.	0,00015	mg/kg
B3a	beta-HCH	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	sum PCB	2	2	100,0	0	0,0	4,75000	4,75000	6,07000	6,40000	ng/g
B3a	toxaphene (sum)	2	0	0,0	0	0,0	0,00068	n.d.	n.d.	0,00100	mg/kg
B3c	arsenic	6	5	83,3	0	0,0	0,03858	0,02850	0,08250	0,12500	mg/kg
B3c	cadmium	6	0	0,0	0	0,0	0,00225	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	17	17	100,0	0	0,0	0,02028	0,01680	0,04128	0,07010	mg/kg
B3c	methylmercury	11	11	100,0	0	0,0	0,01445	0,01300	0,01900	0,04000	mg/kg
B3c	lead	6	0	0,0	0	0,0	0,00492	n.d.	n.d.	0,00500	mg/kg
B3c	tin	11	1	9,1	0	0,0	0,00564	n.d.	n.d.	0,01200	mg/kg
B3d	aflatoxin B2	3	0	0,0	0	0,0	0,06667	n.d.	n.d.	0,07500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	3	0	0,0	0	0,0	0,07667	n.d.	n.d.	0,09000	µg/kg
B3e	brilliant green	14	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	32	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	32	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	32	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	malachite green	32	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	methylene blue	14	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	9	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1	flumequine	MRL - 600 µg/kg	9	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	9	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	9	0	0	0	0	0
B2a	emamectin	MRL - 100 µg/kg	7	0	0	0	0	0
B3a	DDT (sum)	AL - 0,5 mg/kg	2	0	0	0	0	0
B3a	hexachlorbenzen	AL - 0,05 mg/kg	2	0	0	0	0	0
B3a	gama-HCH (lindan)	AL - 0,05 mg/kg	2	0	0	0	0	0
B3a	sum PCB	ML - 75 ng/g	2	0	0	0	0	0
B3a	toxaphene (sum)	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c	arsenic	AL - 1 mg/kg	6	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	6	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg	17	0	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg	11	0	0	0	0	0
B3c	lead	ML - 0,3 mg/kg	6	0	0	0	0	0
B3c	tin	AL - 10 mg/kg	11	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	3	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	3	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	32	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	32	0	0	0	0	0
B3e	leucomalachite green	AL - 2 µg/kg	32	0	0	0	0	0
B3e	malachite green	AL - 2 µg/kg	32	0	0	0	0	0

CL 2015 - sampling of freshwater fish - trouts



Freshwater fish - trouts - non-compliant results 2015



freshwater fish - trouts - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolonee	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	AHD	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	AOZ	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	carnidazol	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6	dimetridazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	HMMNI	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	chloramphenicol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6	ipronidazole-OH	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	ipronidazole	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6	MNZOH	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6	metronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	ornidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	ronidazole	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6	secnidazol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6	SEM	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6	ternidazol	1	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6	tinidazol	1	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1	betalactams	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	3	0	0,0	0	0,0	50,00000	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	3	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	3	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	niclosamid	1	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
B3c	arsenic	1	1	100,0	0	0,0	0,52600	0,52600	0,52600	0,52600	mg/kg
B3c	cadmium	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	4	4	100,0	0	0,0	0,02750	0,02825	0,03456	0,03570	mg/kg
B3c	methylmercury	3	3	100,0	0	0,0	0,02600	0,03000	0,03080	0,03100	mg/kg
B3c	lead	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c	tin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d	aflatoxin B2	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
B3e	brilliant green	33	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	63	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	63	1	1,6	**1**	**1,6**	0,33746	n.d.	n.d.	5,76000	µg/kg
B3e	leucomalachite green	63	4	6,3	**4**	**6,3**	19,85683	n.d.	n.d.	1240,00000	µg/kg
B3e	malachite green	63	2	3,2	**2**	**3,2**	0,18444	n.d.	n.d.	2,11000	µg/kg
B3e	methylene blue	33	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

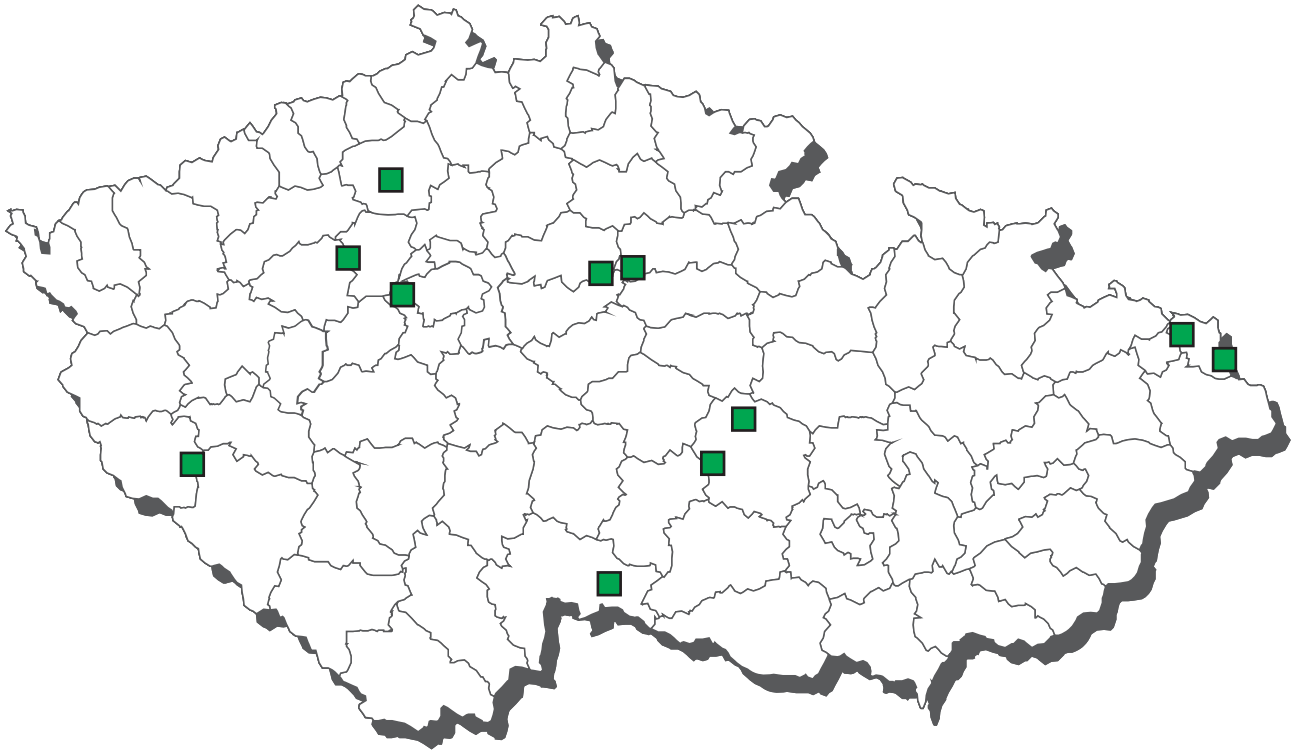
freshwater fish - trouts - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	3	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	3	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	3	0	0	0	0	0
B1	flumequine	MRL - 600 µg/kg	3	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	3	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	3	0	0	0	0	0
B2a	emamectin	MRL - 100 µg/kg	1	0	0	0	0	0
B3c	arsenic	AL - 1 mg/kg	0	1	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	1	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg	4	0	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg	3	0	0	0	0	0
B3c	lead	ML - 0,3 mg/kg	1	0	0	0	0	0
B3c	tin	AL - 10 mg/kg	3	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	1	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	1	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	63	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	62	0	0	0	0	**1**
B3e	leucomalachite green	AL - 2 µg/kg	61	1	0	0	0	**1**
B3e	malachite green	AL - 2 µg/kg	62	0	0	**1**	0	0

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

sampling date	cadastral dist. (sampling)	origin	value
leucocrystal violet			
24.11.2015	Ústí nad Orlicí	Turnov	5,76 µg/kg
leucomalachite green			
17.6.2015	Klatovy	Nové Městečko	0,43 µg/kg
29.9.2015	Jindřichův Hradec	Rakousko	0,69 µg/kg
24.11.2015	Ústí nad Orlicí	Turnov	1240 µg/kg
27.11.2015	Pelhřimov	Pravíkov	1,01 µg/kg
malachite green			
17.6.2015	Klatovy	Nové Městečko	0,36 µg/kg
24.11.2015	Ústí nad Orlicí	Turnov	2,11 µg/kg

CL 2015 - sampling of freshwater fish - other species



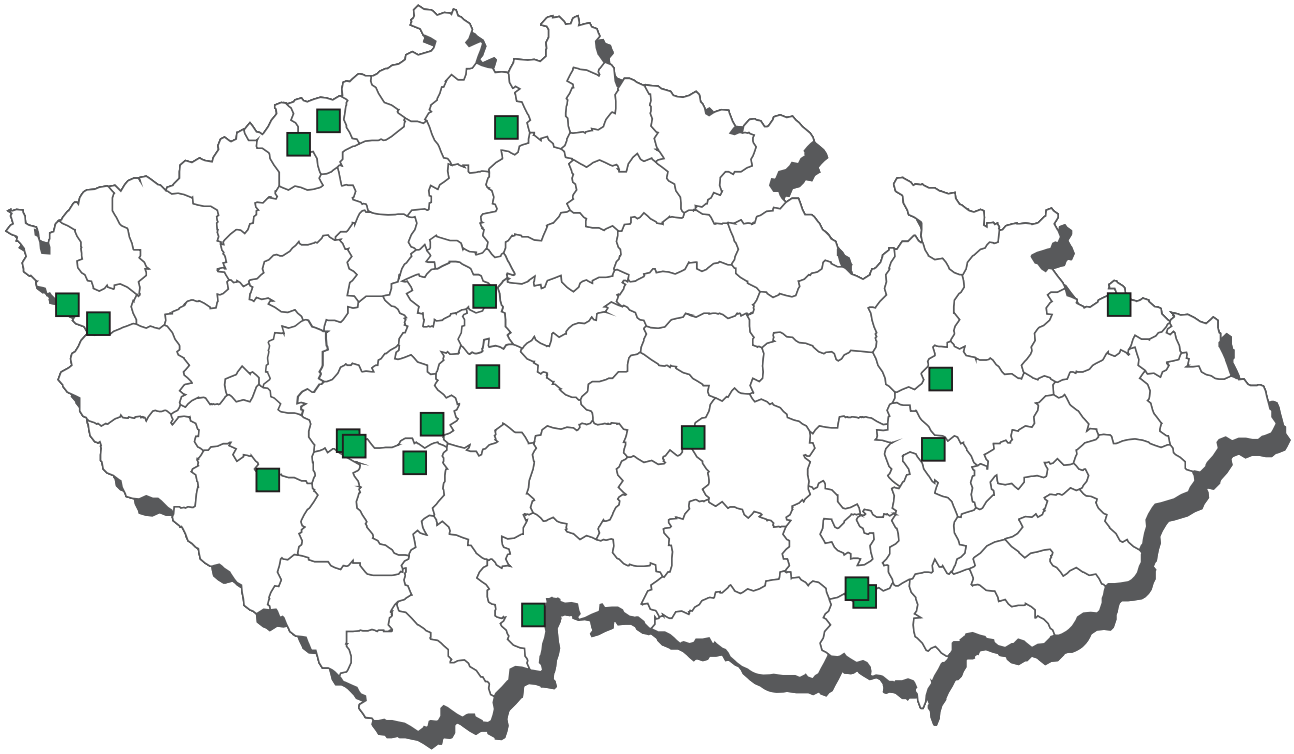
freshwater fish - other species - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B1	betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	danofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	flumequine	2	0	0,0	0	0,0	27,50000	n.d.	n.d.	50,00000	µg/kg
B1	gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	marbofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	oxolinic acid	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	residues of ihibitory substances	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B1	sulfachlorpyridazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimidine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadimethoxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaunderxine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamerazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxydiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfaquinoxaline	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfathiazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfamethoxazole	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	sulfadiazine	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1	tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	qualit.	
B2a	abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	underramectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	emamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	eprinomectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	ivermectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	moxidectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a	niclosamid	1	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
B3a	aldrin, dieldrin (suma)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	1	100,0	0	0,0	0,00135	0,00135	0,00135	0,00135	mg/kg
B3a	WHO-PCDD/F-TEQ	9	9	100,0	0	0,0	0,29311	0,23900	0,36140	0,70300	pg/g
B3a	WHO-PCDD/F-PCB-TEQ	9	9	100,0	0	0,0	0,46522	0,33300	0,66560	1,42000	pg/g
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	10	9	90,0	0	0,0	2,36808	2,03465	3,16719	7,51950	ng/g
B3a	toxaphene (sum)	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c	mercury	1	1	100,0	0	0,0	0,00850	0,00850	0,00850	0,00850	mg/kg
B3c	methylmercury	1	1	100,0	0	0,0	0,00800	0,00800	0,00800	0,00800	mg/kg
B3c	tin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d	aflatoxin B2	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	µg/kg
B3d	aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
B3e	brilliant green	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	crystal violet	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucocrystal violet	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e	leucomalachite green	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	malachite green	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e	methylene blue	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3f	2,4,4'-TriBDE	9	1	11,1	0	0,0	0,00341	n.d.	0,00370	0,00630	ng/g
B3f	2,2',4,4'-TetraBDE	9	8	88,9	0	0,0	0,02229	0,02000	0,04420	0,05700	ng/g
B3f	2,2',4,4',5-PentaBDE	9	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f	2,2',4,4',6-PentaBDE	9	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f	2,2',4,4',5,5'-HexaBDE	9	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f	2,2',4,4',5,6'-HexaBDE	9	1	11,1	0	0,0	0,00692	n.d.	0,00846	0,02230	ng/g
B3f	2,2',3,4,4',5',6-HeptaBDE	9	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

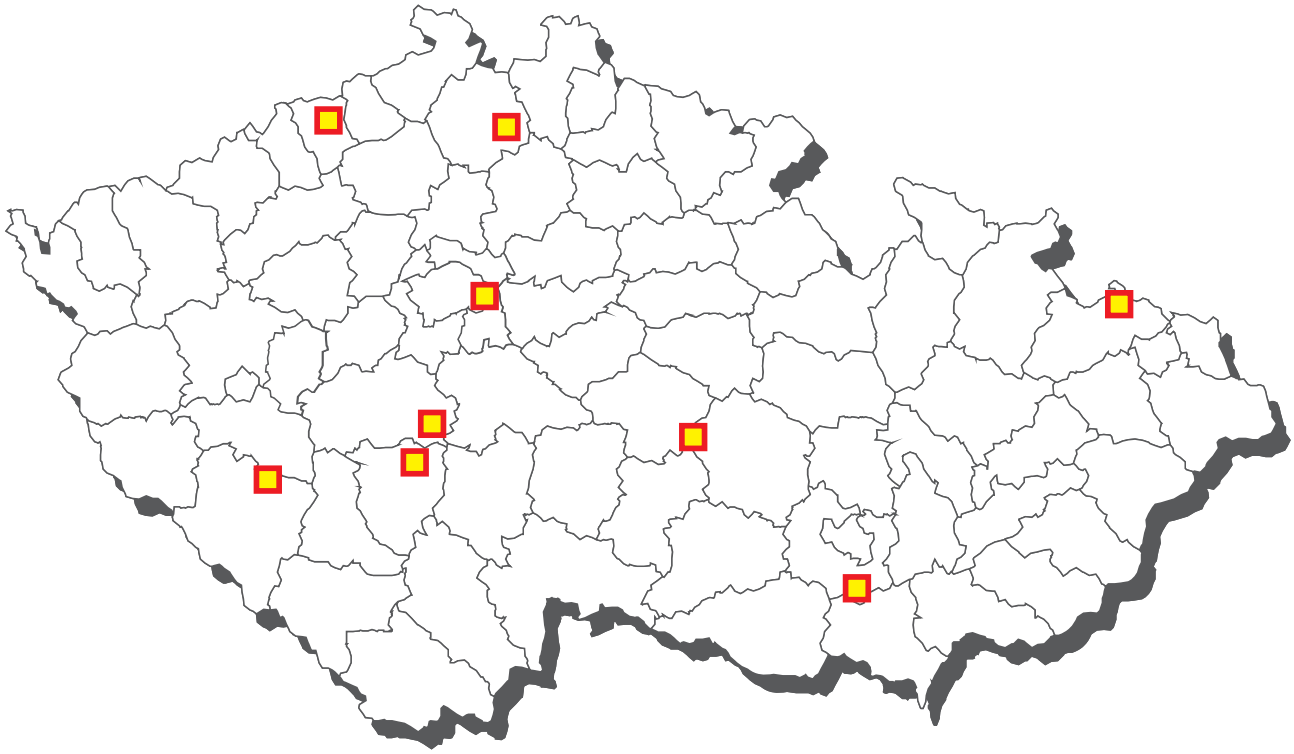
freshwater fish - other species - monitoring - (continuation)

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1	danofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	difloxacin	MRL - 300 µg/kg	2	0	0	0	0	0
B1	enrofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1	flumequine	MRL - 600 µg/kg	2	0	0	0	0	0
B1	oxolinic acid	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfachlorpyridazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadimidine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadimethoxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfaunderxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamerazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamethoxydiazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfaquinoxaline	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfathiazole	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfamethoxazole	MRL - 100 µg/kg	2	0	0	0	0	0
B1	sulfadiazine	MRL - 100 µg/kg	2	0	0	0	0	0
B2a	emamectin	MRL - 100 µg/kg	1	0	0	0	0	0
B3a	DDT (sum)	AL - 0,5 mg/kg	1	0	0	0	0	0
B3a	WHO-PCDD/F-TEQ	ML - 3,5 pg/g	9	0	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	ML - 6,5 pg/g	9	0	0	0	0	0
B3a	hexachlorbenzen	AL - 0,05 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	AL - 0,05 mg/kg	1	0	0	0	0	0
B3a	sum PCB	ML - 75 ng/g	10	0	0	0	0	0
B3a	toxaphene (sum)	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c	mercury	ML - 0,5 mg/kg	1	0	0	0	0	0
B3c	methylmercury	AL - 0,4 mg/kg	1	0	0	0	0	0
B3c	tin	AL - 10 mg/kg	1	0	0	0	0	0
B3d	aflatoxin B2	AL - 20 µg/kg	1	0	0	0	0	0
B3d	aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	1	0	0	0	0	0
B3e	crystal violet	AL - 2 µg/kg	5	0	0	0	0	0
B3e	leucocrystal violet	AL - 2 µg/kg	5	0	0	0	0	0
B3e	leucomalachite green	AL - 2 µg/kg	5	0	0	0	0	0
B3e	malachite green	AL - 2 µg/kg	5	0	0	0	0	0

CL 2015 - sampling of pheasants



Pheasants - non-compliant results 2015



lead - muscle

pheasants - muscle - monitoring

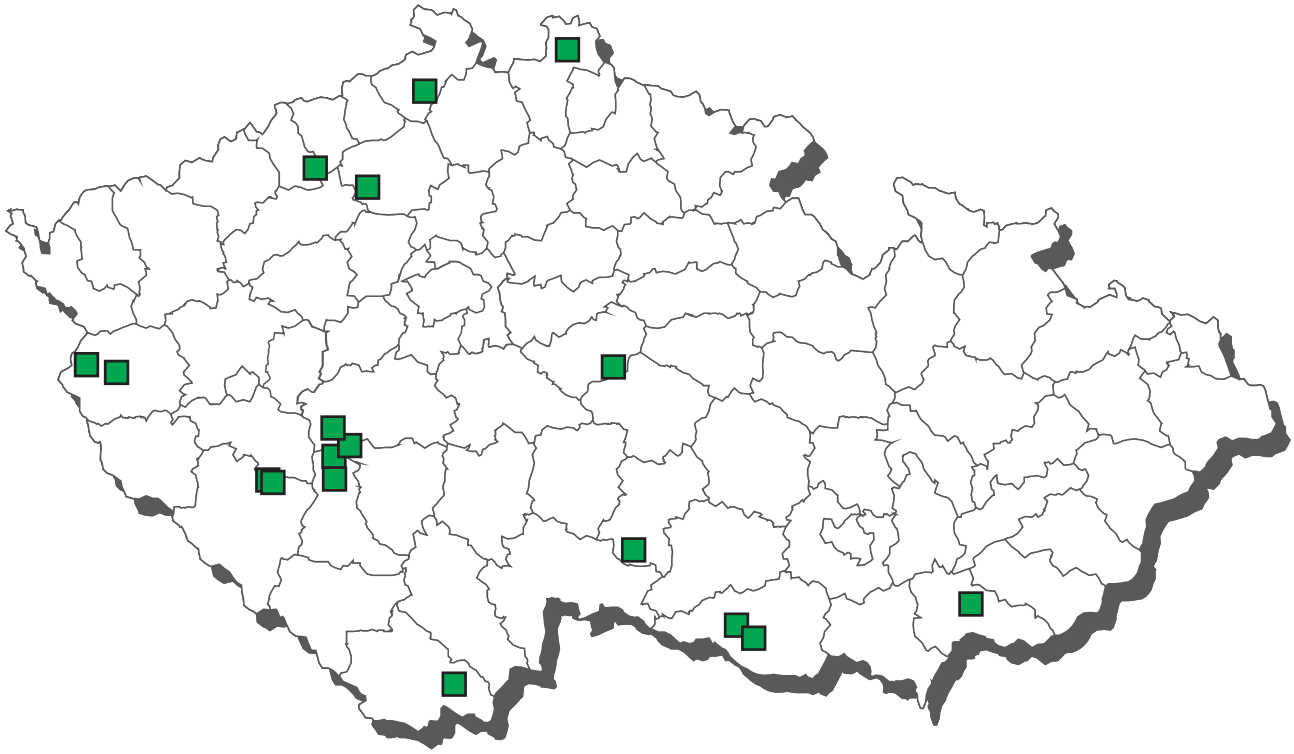
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin, dieldrin (suma)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	chlordan	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	endrin	1	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	heptachlor	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	beta-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	gama-HCH (lindan)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a	sum PCB	1	1	100,0	0	0,0	6,00000	6,00000	6,00000	6,00000	ng/g fat
B3c	cadmium	23	5	21,7	0	0,0	0,00222	n.d.	0,00290	0,00700	mg/kg
B3c	mercury	23	13	56,5	0	0,0	0,00072	0,00050	0,00108	0,00150	mg/kg
B3c	lead	23	17	73,9	10	43,5	0,60652	0,04000	0,40440	11,60000	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	1	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	1	0	0	0	0	0
B3c	cadmium	AL - 0,1 mg/kg	23	0	0	0	0	0
B3c	mercury	AL - 0,05 mg/kg	23	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	13	0	0	3	2	5

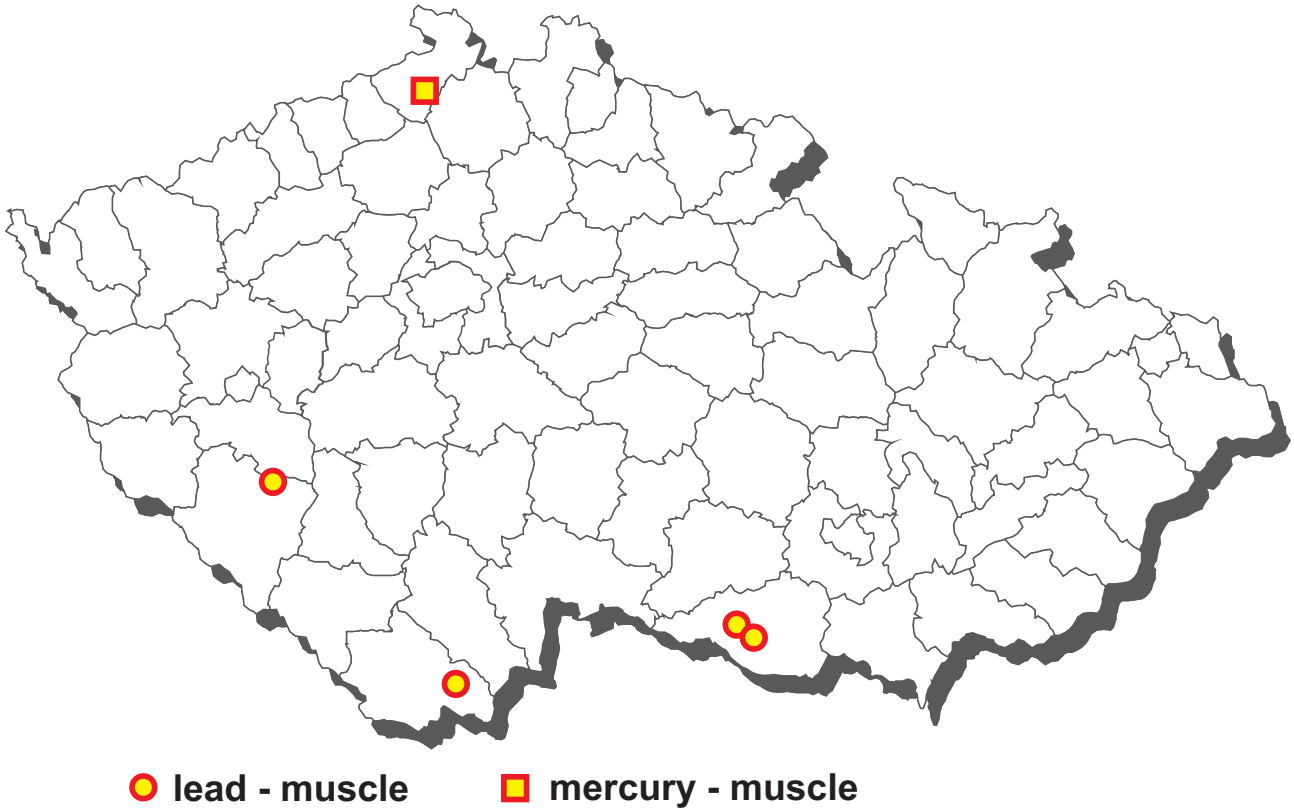
pheasants - muscle - monitoring - list of non-compliant results

sampling date	cadastral dist. (sampling)	origin	value
lead			
26.1.2015	Cheb	Níkovice	0,44 mg/kg
3.2.2015	Opava	Kobeřice ve Slezsku	0,16 mg/kg
12.2.2015	Klatovy	Pohoří u Lovčic	0,171 mg/kg
12.2.2015	Klatovy	Vysoký Chlumec	0,484 mg/kg
20.3.2015	Praha-východ	Ploužnice pod Ralskem	11,6 mg/kg
7.11.2015	Příbram	Vysoký Chlumec	0,22 mg/kg
10.11.2015	Praha-východ	Sibřina	0,14 mg/kg
24.11.2015	Havlíčkův Brod	Ronov nad Sázavou	0,128 mg/kg
30.11.2015	Třebíč	Židlochovice	0,262 mg/kg
11.11.2015	Teplice	Novosedlice	0,14 mg/kg

CL 2015 - sampling of wild ducks



Wild ducks - non-compliant results 2015



wild ducks - muscle - monitoring

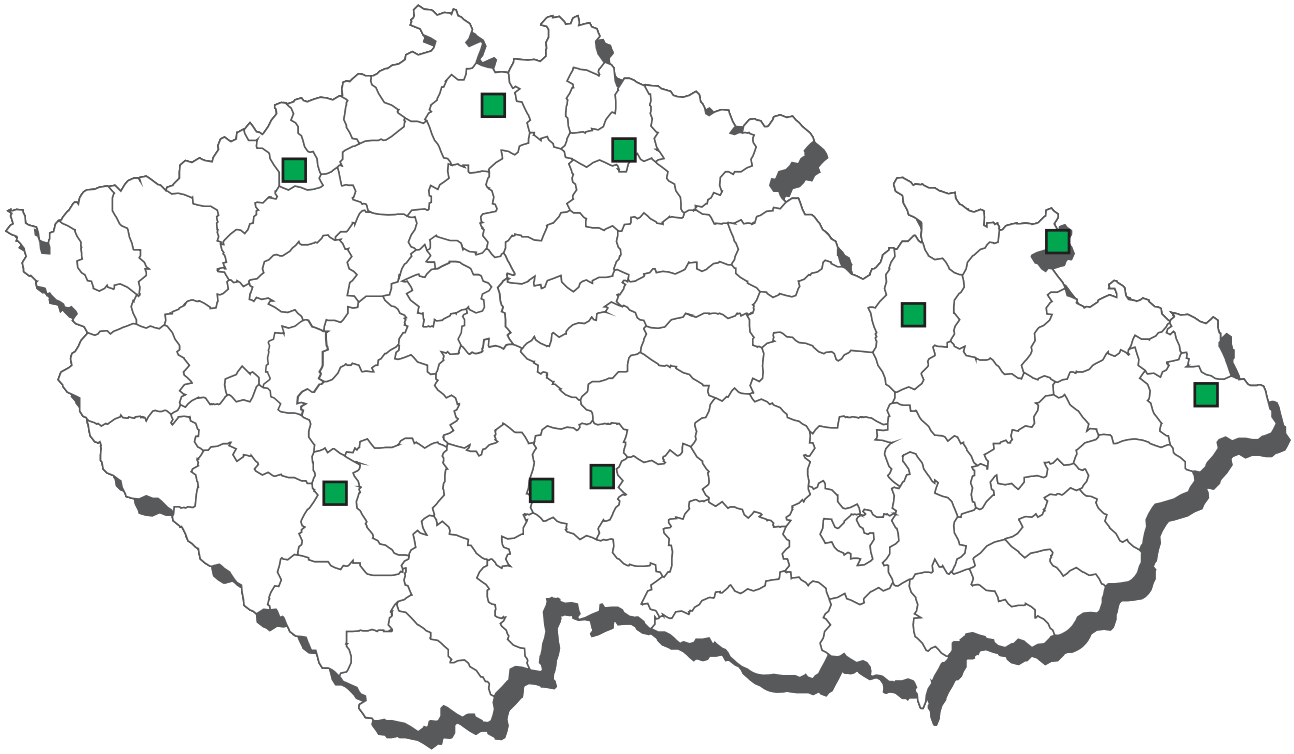
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin, dieldrin (suma)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	2	1	50,0	0	0,0	0,00170	0,00170	0,00266	0,00290	mg/kg
B3a	endrin	2	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	2	0	0,0	0	0,0	0,00030	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	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	gama-HCH (lindan)	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	2	1	50,0	0	0,0	11,75000	11,75000	17,55000	19,00000	ng/g fat
B3a	trans-heptachlorepoxid	2	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3c	cadmium	21	3	14,3	0	0,0	0,00200	n.d.	0,00300	0,00500	mg/kg
B3c	mercury	21	17	81,0	**1**	**4,8**	0,00700	0,00120	0,01230	0,08000	mg/kg
B3c	lead	21	18	85,7	**4**	**19,0**	0,07519	0,02000	0,20100	0,52600	mg/kg

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a	aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a	chlordan	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	DDT (sum)	MRL - 1 mg/kg	2	0	0	0	0	0
B3a	endrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	enundersulfan - sum	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a	hexachlorbenzen	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a	heptachlor	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a	alfa-HCH	MRL - 0,2 mg/kg	2	0	0	0	0	0
B3a	beta-HCH	MRL - 0,1 mg/kg	2	0	0	0	0	0
B3a	gama-HCH (lindan)	MRL - 0,02 mg/kg	2	0	0	0	0	0
B3a	sum PCB	ML - 40 ng/g fat	2	0	0	0	0	0
B3c	cadmium	ML - 0,05 mg/kg	21	0	0	0	0	0
B3c	mercury	MRL - 0,01 mg/kg	19	1	0	0	**1**	0
B3c	lead	ML - 0,1 mg/kg	17	0	0	0	**1**	**3**

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

sampling date	cadastral dist. (sampling)	origin	value
mercury			
16.9.2015	Děčín	Horní Habartice	0,08 mg/kg
lead			
7.9.2015	Znojmo	Kravsko	0,526 mg/kg
7.9.2015	Znojmo	Kuchařovice	0,201 mg/kg
16.9.2015	Cheb	Nehodiv	0,19 mg/kg
12.10.2015	Český Krumlov	Mostky	0,395 mg/kg

CL 2015 - sampling of hares

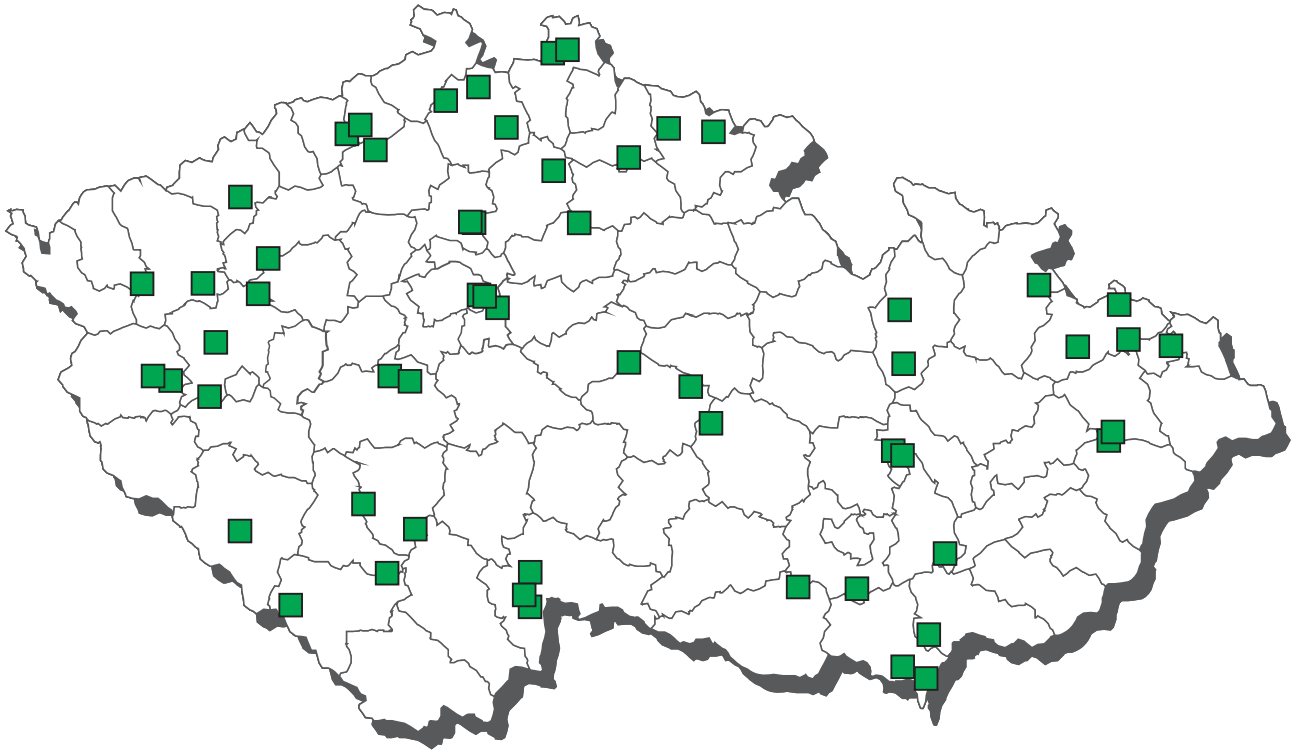


hares - muscle - monitoring

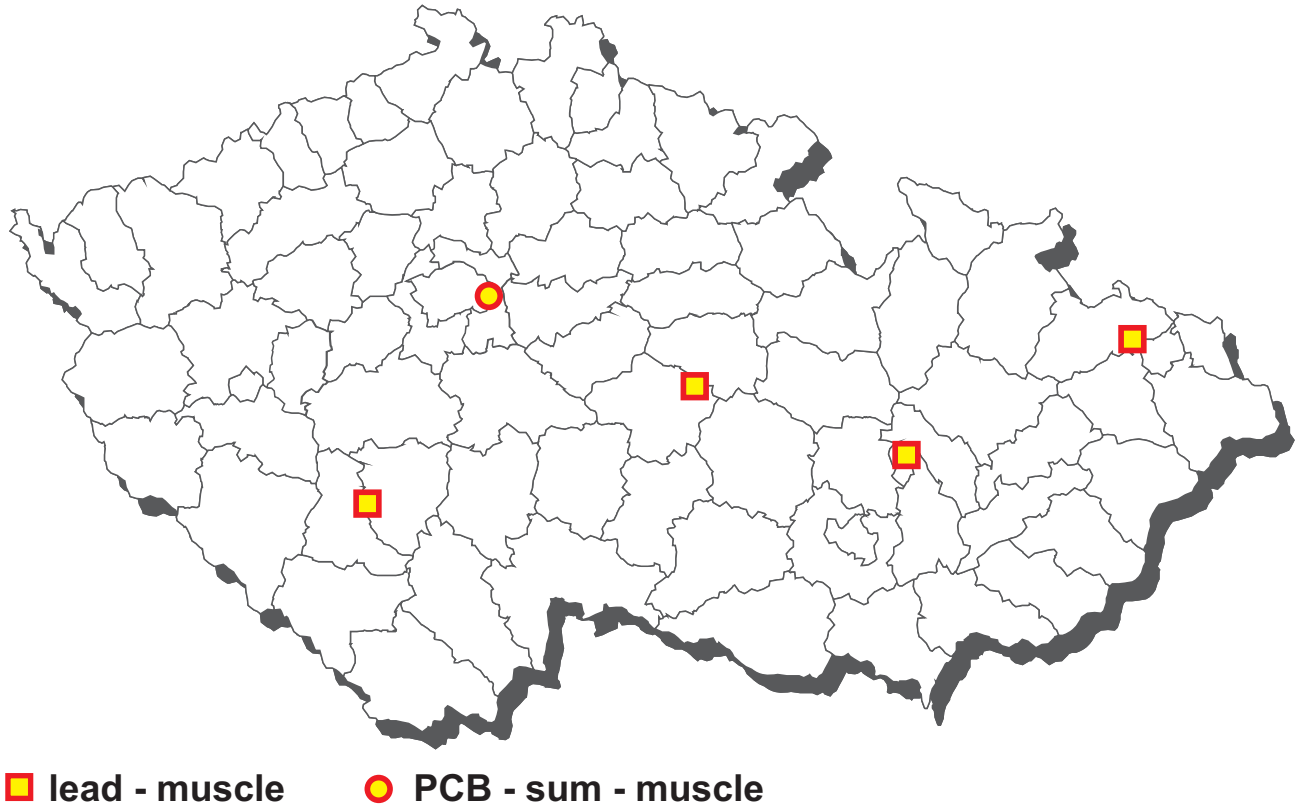
analyte		n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a	aldrin, dieldrin (suma)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	chlordan	4	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	DDT (sum)	4	2	50,0	0	0,0	0,00078	0,00080	0,00130	0,00138	mg/kg
B3a	endrin	4	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a	enundersulfan - sum	4	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	hexachlorbenzen	4	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a	heptachlor	4	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a	alfa-HCH	4	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a	beta-HCH	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a	sum PCB	3	1	33,3	0	0,0	0,45920	n.d.	0,68208	0,77760	ng/g
B3a	sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c	cadmium	5	2	40,0	0	0,0	0,00310	n.d.	0,00420	0,00500	mg/kg
B3c	mercury	5	4	80,0	0	0,0	0,00112	0,00100	0,00180	0,00200	mg/kg
B3c	lead	5	1	20,0	0	0,0	0,00800	n.d.	0,01400	0,02000	mg/kg

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

CL 2015 - sampling of wild boar (feral pigs)



Wild boar (feral pigs) - non-compliant results 2015



wild boar (feral pigs) - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2a mebendazole	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a rafoxanid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B3a aldrin, dieldrin (suma)	7	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	7	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	7	7	100,0	0	0,0	0,02513	0,01690	0,05435	0,10869	mg/kg
B3a WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,02500	0,02500	0,02500	0,02500	pg/g
B3a WHO-PCDD/F-TEQ	2	2	100,0	0	0,0	0,85500	0,85500	1,16300	1,24000	pg/g fat
B3a WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,06210	0,06210	0,06210	0,06210	pg/g
B3a WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	1,11850	1,11850	1,39170	1,46000	pg/g fat
B3a endrin	7	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	7	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	7	2	28,6	0	0,0	0,00118	n.d.	0,00270	0,00496	mg/kg
B3a heptachlor	7	0	0,0	0	0,0	0,00045	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	7	0	0,0	0	0,0	0,00039	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	7	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	7	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	1	50,0	**1**	**50,0**	1,28895	1,28895	2,08011	2,27790	ng/g
B3a sum PCB	8	6	75,0	0	0,0	23,66375	14,23025	50,69159	52,30530	ng/g fat
B3c cadmium	35	6	17,1	0	0,0	0,00314	n.d.	0,00460	0,02500	mg/kg
B3c mercury	35	33	94,3	0	0,0	0,00414	0,00300	0,00914	0,01400	mg/kg
B3c lead	35	21	60,0	**4**	**11,4**	0,40583	0,01000	0,52600	10,30000	mg/kg
B3f 2,4,4'-TriBDE	3	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	3	1	33,3	0	0,0	0,01873	n.d.	0,04132	0,05100	ng/g
B3f 2,2',4,4',5-PentaBDE	3	1	33,3	0	0,0	0,01187	n.d.	0,02316	0,02800	ng/g
B3f 2,2',4,4',6-PentaBDE	3	1	33,3	0	0,0	0,00700	n.d.	0,00980	0,01100	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5',6-HeptaBDE	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

analyte		hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a	WHO-PCDD/F-TEQ	AL - 2 pg/g fat	1	1	0	0	0	0
B3a	WHO-PCDD/F-PCB-TEQ	AL - 4 pg/g fat	2	0	0	0	0	0
B3a	sum PCB	AL - 0,8 ng/g	1	0	0	0	0	**1**
B3a	sum PCB	AL - 40 ng/g fat	5	0	0	3*	0	0
B3c	cadmium	AL - 0,1 mg/kg	35	0	0	0	0	0
B3c	mercury	AL - 0,05 mg/kg	35	0	0	0	0	0
B3c	lead	AL - 0,1 mg/kg	27	4	0	0	0	**4**

* compliant (within expanded uncertainty of measurement)

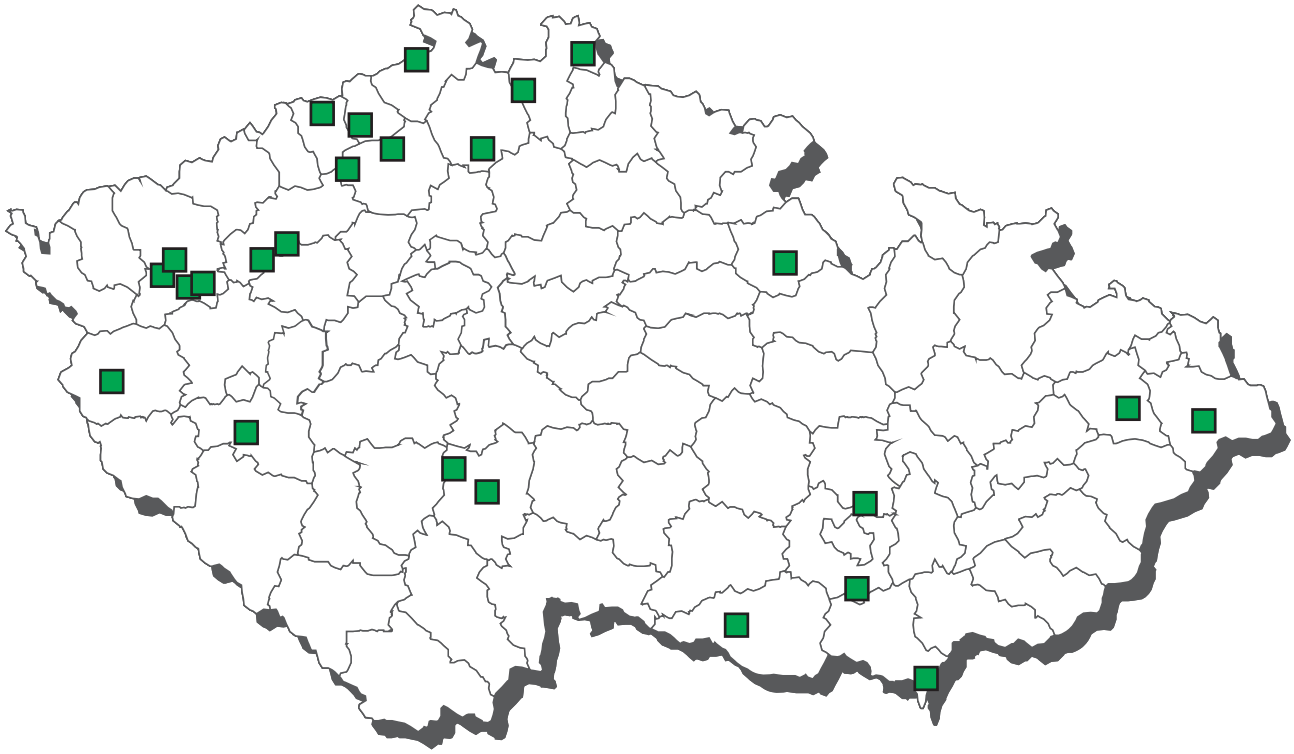
wild boar (feral pigs) - muscle - monitoring - list of non-compliant results

sampling date	cadastral dist. (sampling)	origin	value
sum PCB			
10.11.2015	Praha-východ	Sibřina	2,2779 ng/g
lead			
5.2.2015	Klatovy	Pamětice u Drhovle	1,47 mg/kg
31.8.2015	Prostějov	Malé Hradisko	10,3 mg/kg
7.12.2015	Havlíčkův Brod	Dolní Vestec	1,1 mg/kg
6.3.2015	Ostrava-město	Velká Polom	0,83 mg/kg

wild boar (feral pigs) - liver - monitoring

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

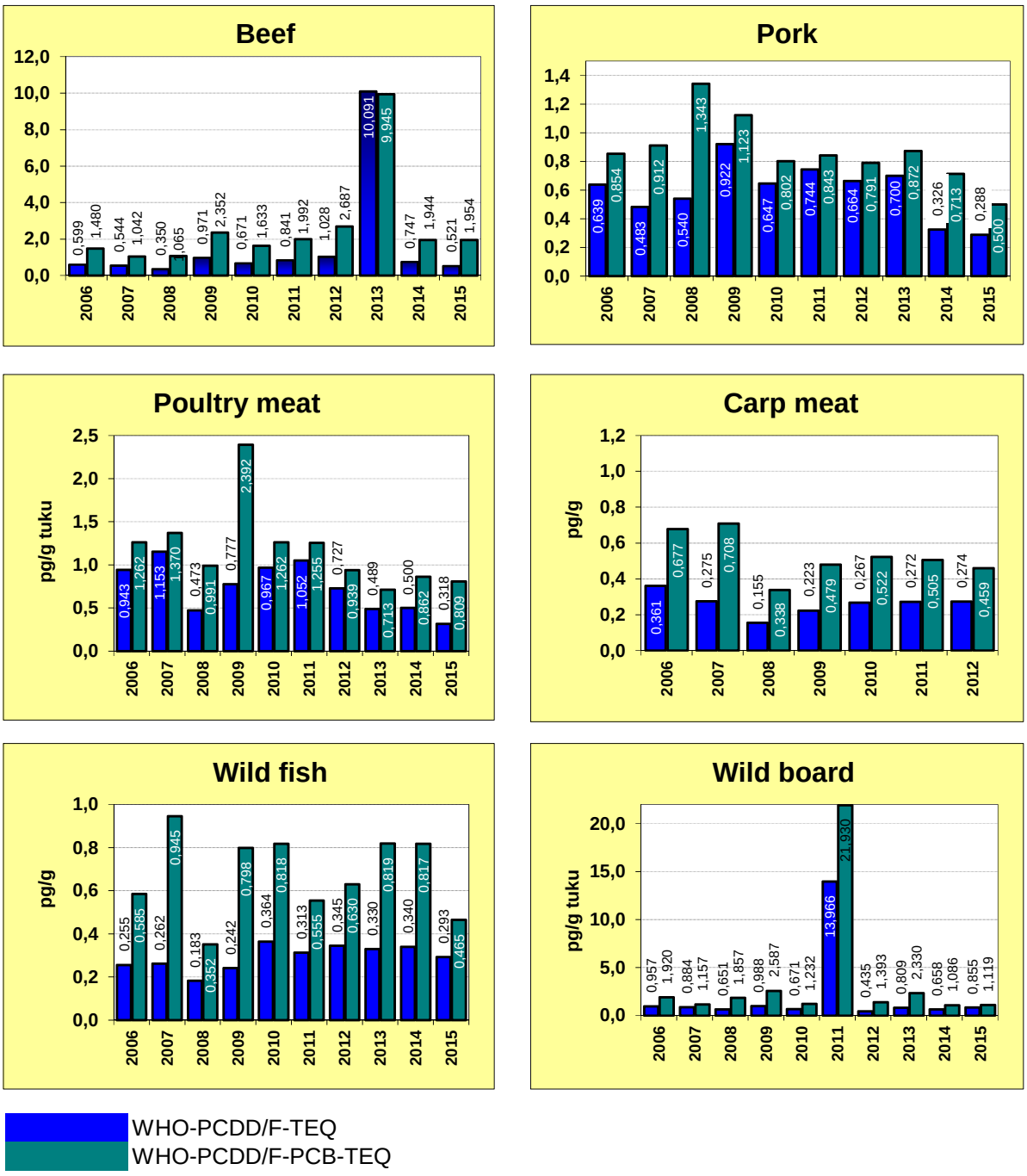
CL 2015 - sampling of other cloven-hoofed animals



other cloven-hoofed animals - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (suma)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	3	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	3	0	0,0	0	0,0	1,20000	n.d.	n.d.	3,00000	ng/g fat
B3a trans-heptachlorepoxid	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3c cadmium	25	4	16,0	0	0,0	0,00162	n.d.	0,00250	0,00500	mg/kg
B3c mercury	25	6	24,0	0	0,0	0,00090	n.d.	0,00160	0,00500	mg/kg
B3c lead	25	11	44,0	0	0,0	0,01352	n.d.	0,02480	0,07000	mg/kg

The average dioxins content in foodstuffs and raw material



The average dioxins content in foodstuffs and raw material