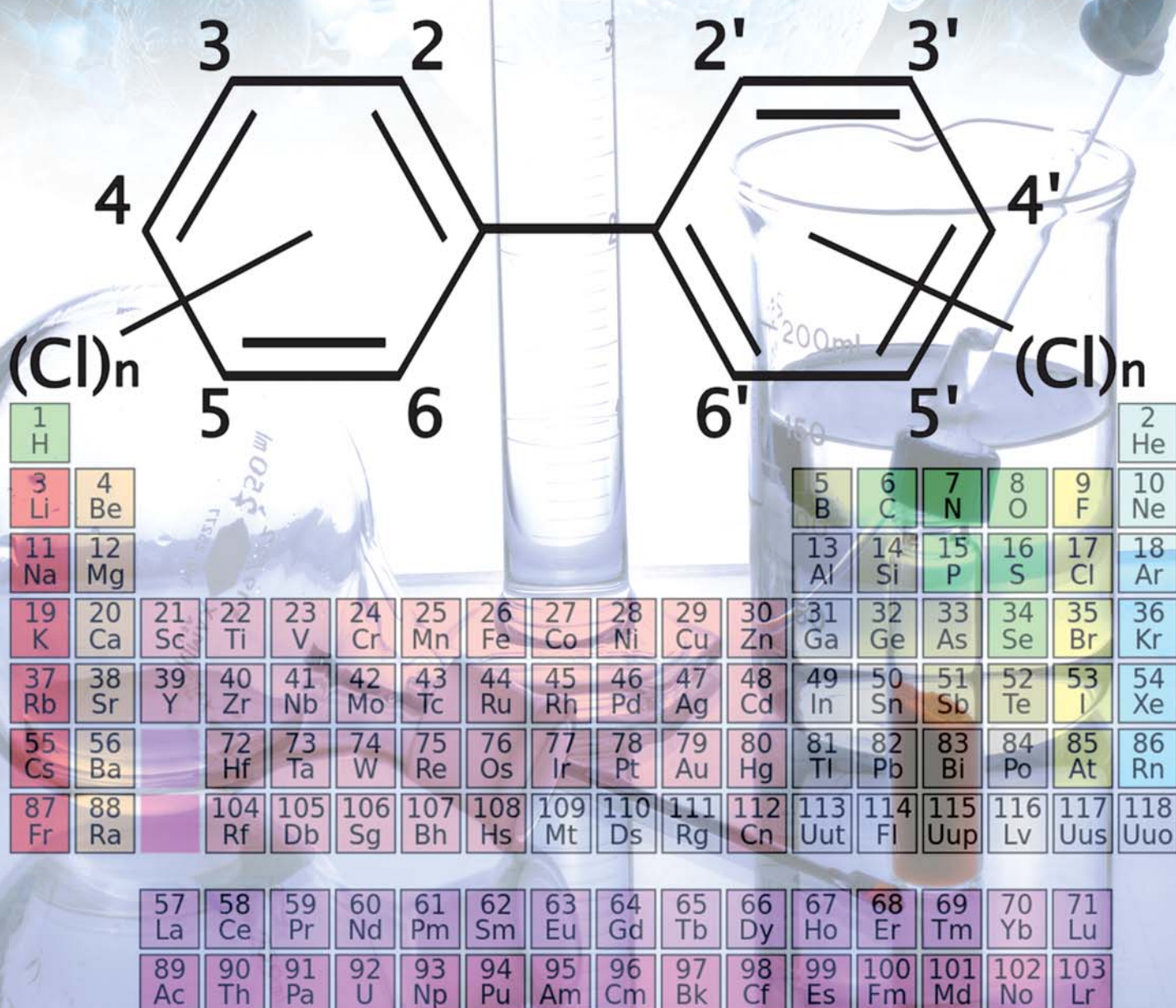




State
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administration



State Veterinary Administration of the Czech Republic

Contamination of Food Chain with Residues and Contaminants
Situation in the Year 2016

Information Bulletin No 1/2017

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Contamination of Food Chain with Residues and Contaminants – Situation in the Year 2016

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Drawn up based on the data from the SVA CR Information System – March 2017

Summary:

The report contains **data for the year 2016**, 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 **71 180 analyses** were performed within the monitoring of residues and contaminants in the year 2016 (71 063 analyses in the year 2015), from which 69 586 analyses were performed within planned sampling, 295 analyses within targeted testing of suspect samples and 1 299 analyses in samples of imported commodities. **Non-compliant findings** represented **0.12 %** of all analyses performed during the assessed year which percentage was lower by 0.08 % than in the previous year.

Three non-compliant samples of food and of animal origin were detected within testing for monitored residues or contaminants (i.e. 0.04 %; 0 % in the year 2015). The highest percentage of non-compliant samples was detected in tissues of wild and farmed game animals and fish (0.73 %, 0.70 % in the year 2015), the total percentage of non-compliant samples in tissues of farm animals was of 0.08 % (0.19 % in the previous year). The percentage of non-compliant samples detected in feeds was of 0.13 %, which was the same as in the previous year (0.13 % of non-compliant samples in the year 2015). No samples containing non-compliant levels of residues and contaminants were detected in imported feeds, as in the year 2015.

With respect to a relatively low percentage of non-compliant samples, health safety of raw materials and food of animal origin can be assessed as still favourable from the viewpoint of the content of residues and contaminants (see Table 1 and 2). As apparent from tables containing overviews of examinations for residues and contaminants performed in the year 2016, 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. The detection of the residues of VMPs (mainly antimicrobials) must be, however, regarded as important. 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 bovine and swine animals is the result of still lasting contamination of farming environment in non-sanitised stables (old paints).

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1. Introduction

The report for the year 2016 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 now 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 96/23/EC.

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

In the cases when laboratory tests reveal non-compliant levels of any of the analytes monitored, veterinary administration bodies act so as to prevent further spread of harmful substances in food chain by means of ordering 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. Targeted sampling of these 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, RPA – reference points of action and MRPL – minimum required performance limits which also serve in unauthorised substances as decision limits). 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 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 its 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),
%posit.	the percentage rate of positive results,
n+	the number of non-compliant results exceeding the hygiene limit in force,
%+	the percentage rate of non-compliant results,
median	the middle value of the result complex (this value is expressed as n. d. = not detected when less than one half of results is positive),
mean	the arithmetic mean of the result complex (for samples with results under the detection limit, one half of the detection limit is counted in the mean; in the case of qualitative results an abbreviation qual. is used instead of a figure),
90% quantile	the maximum value after the exclusion of distant results (this value is expressed as n. d. = not detected when less than 10 % of results are positive),
maximum	the maximum value of the result complex.

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

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

2. Animal feeds

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 feeds containing levels of contaminants and residues that exceed permitted levels may present an important source of a potential health risk from raw materials and foodstuffs of animal origin. VMPs or unauthorised drugs may be administered by means of water for watering animals. So the veterinary supervision focuses on such animal feedingstuffs, feed materials or water for watering animals, respectively, that form an important part of feed ration of certain species and categories of slaughter animals or may, on the basis of experience gained during the previous years, present the source of contamination.

2.1. Feed materials of animal origin

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 methylmercury was in an interval between 50 % and 75 % of specified maximum limit. The concentration of "dioxins"

(polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans /PCDD/PCDF/) was detected in one case and the concentration of “dioxin-like” PCB (PCB having dioxin effect /DL-PCB/) was detected in another case, both concentrations were in an interval between 50 % and 75 % of specified maximum 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 50 % and 75 % of the limit was detected.

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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. Lasalocid (1x), monensin (3x), narasin (1x) 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” relatively frequently. Individual cases of the detection of non-compliant feedingstuffs were solved to in co-operation with the Central Institute for Supervising and Testing in Agriculture (hereinafter referred to as the “CISTA”); a number of repeated and targeted tests 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 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 cadmium 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 in any sample as well.

The graphic expression of trends in the content of chemical elements in compound feedingstuffs reflects almost stabilised content of arsenic, cadmium, lead and mercury at low levels with respect to specified limits.

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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 2016, totally 5 samples of water were tested for the presence of unauthorised or prohibited substances. Measurable concentrations were not detected in any case which means that residues indicating an illegal use of such substances were not detected.

Map	Sampling of water used for watering farm animal	p. 34
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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 is kept.

3.1.1. Raw cow's milk

Most of analytes for which milk is tested were not detected in raw cow's milk at measurable levels. No levels of chemical elements, chlorinated pesticides, organophosphorous insecticides, mycotoxins (aflatoxin M1); residues of drugs or unauthorised substances exceeding limits were detected. In 11 samples, the residues of oxfendazole (an anthelmintic, the metabolite of febendazole) in an interval between 50 % and 75 % of MRL were detected. In 8 samples, the concentration of diclofenac (an anti-inflammatory drug) was detected; the content of lindane (a chlorinated pesticide not used for tens of years) was detected in 8 samples and PCB – sum of congeners was detected in 1 sample in an interval between 50 % and 75 % of MRL.

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Graph	The average content of PCB sum in raw cow's milk (1998-2016)	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.

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Graph	The average content of PCB sum in raw sheep and goat's milk (2000-2016)	p. 40

3.2. Hen eggs

In one sample, the concentration of lasalocid (an additive substance – coccidiostat) exceeding limit was detected; traces of coccidiostats (monensin, narasin, semduramycin) in an interval between 50 % and 75 % of maximum limit were also detected.

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. In one sample, the concentration of monensin (an additive substance – coccidiostat) exceeding limit was detected; traces of coccidiostats (narasin, semduramycin) in an interval between 50 % and 75 % of maximum limit were also detected.

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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.

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

4. Farm animals

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

4.1. Bovine animals

4.1.1. Calves

The levels of sulphadiazine exceeding limit were detected in muscle, liver and kidney samples of one calf; withdrawal period was not complied with in this case. One sample of calf kidney 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. Analyses of hairs did not prove the use of growth promoters.

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

The content of chemical elements (cadmium, lead, mercury and arsenic) in muscle samples complied with hygiene limits. In one liver sample and one kidney sample, the concentration of mercury was above the limit established in Regulation (EC) of the European Parliament and of the Council No 396/2005, as amended, which concerns MRLs for pesticides after their use in accordance with good agricultural practice, and which is of 0.01 mg.kg⁻¹. Maximum limits are established at the detection threshold – the limit of quantitation (LOQ). The reason of increased levels of mercury with respect to the maximum limit was not proven unambiguously; however, there 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 the maximum limit – 0.01 mg.kg⁻¹. All kidneys would comply in such case.

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 (NDL-PCB) was assessed pursuant to maximum limits issued in Commission Regulation (EU) No 1259/2011 (in force since 1 January 2012). In three muscle samples, the residues of NDL-PCB at the threshold of the maximum limit were detected; however, after the calculation of measurement uncertainty, the samples complied, as well as one sample containing measurable concentration of dioxins and NDL-PCB. The reason of the contamination of young bulls were most 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 xylazine in kidney of a young heifer. The heifer was treated by the VMP Xylased inj. (used for the treatment of an injured limb). Due to the signs of aggressivity, the heifer was sent to a slaughterhouse afterwards. The withdrawal period for meat was complied with (even extended by two days), the kidney sample concerned was taken after slaughtering and sent for examination to the ISCVBM.

Concentrations of dioxins, DL-PCB and brominated flame retardants (BFR) at the threshold of the maximum limit were detected in one muscle sample; however, after the calculation of measurement uncertainty, the sample complied.

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

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Graph	The average content of chemical elements in liver of young bovine animals under 2 years of age (1992-2016)	p. 72
Graph	The average content of chemical elements in kidney of young bovine animals under 2 years of age (1990-2016)	p. 73
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2016)	p. 40

4.1.3. Cows

Concentrations of cadmium exceeding specified limits were detected in cow kidney samples in four cases. A higher concentration of mercury was detected in three another cases; however, after the calculation of measurement uncertainty, all three samples complied. Based on risk analysis performed by the Institute for the State Control of Veterinary Biologicals and Medicines (hereinafter referred to as the "ISCVBM") with respect to consumed amount of beef (or pork) offal, the respective level ensuring health safety would be in the case of kidney the same as the 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 50 % levels of the relevant limits in vast majority of cases, except for one kidney sample containing the residues of marbofloxacin exceeding limit.

In one muscle sample, the level of PCB exceeding limit was detected; the subsequent targeted on-the-spot testing detected levels of PCB exceeding limit in two other fattening bovine animals from the holding concerned.

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 substances and preparation, the administration of which to food animals is prohibited. No signs of the use of prohibited medicinal substances were detected in blood, perirenal fat and hairs were found.

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4.2. Sheep and goats

No levels exceeding established limits were detected in samples of goat's muscle, liver and kidney. No traces of chemical elements exceeding limits were detected in goats' urine and perirenal fat. 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 mercury; however, after the calculation of measurement uncertainty, the sample complied. 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.

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Map	Sampling of goats	p. 89
Table	Results for goats (4 sheets)	p. 90-93

4.3. Pigs

4.3.1. Fattening pigs

All samples of pig meat complied with limits for all detected analytes, except for one muscle sample in which the concentration of the residues of quinolone exceeding limit was detected. Confirmation LC-MS/MS analysis detected the presence of marbofloxacin in muscle, liver and kidney; the level exceeding limit was only in kidney. The relevant withdrawal period was not complied with evidentially. The concentration of ND-L-PCB exceeding limit was detected in one muscle sample. After slaughtering of the pig, the backyard holding concerned terminated its activities and the potential source of contamination was removed.

The concentration of maduramycin exceeding limit was detected in one liver sample. The contamination of pig tissues by other method than by administered complete feedingstuffs was ruled out. Subsequent sampling performed on that holding did not prove the presence of maduramycin.

An increased concentration of 17-beta-19-nortestosterone was detected in urine sample of one pig. 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 cases of the use of marbofloxacin and maduramycin), organochlorous substances and organophosphorous insecticides was not proven in liver of all tested pigs. In kidney of the previously mentioned pig, the concentration of marbofloxacin exceeding limit was proven – as a result of non-compliance with withdrawal period. In eight kidney samples, the presence of mercury was detected, in six samples of which the content of mercury was at the threshold of the maximum limit (the samples complied after the calculation of measurement uncertainty). Subsequent repeated sampling performed on the holding concerned did not detect any concentrations of mercury exceeding limit. 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 kidney. 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, from the long-term viewpoint, a decreasing content of lead in liver and a stable low average content of mercury. In kidney, a decreasing trend of the average lead content is apparent, 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 DDT and PCB unambiguously documents a constantly decreasing content of these contaminants.

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Graph	The average content of chemical elements in kidney of pigs (1990(1)-2016)	p. 103
Graph	The average content of PCB sum in foodstuffs and raw materials (1990-2016)	p. 40

4.3.2. Sows

Testing of muscle, liver and kidney samples was focused on the residues of VMPs, in particular antimicrobials. The reason of this targeted testing of sows aimed at antimicrobials was the detection of residues exceeding limits in last five years (the residues of dihydrostreptomycin were found most frequently). The residues of sulphamethoxazole were proven in muscle, liver and kidney in one case. In addition to that, the residues of trimethoprim were detected in liver and kidney of the same animal. Withdrawal period was not complied with evidentially. The residues of benzylpenicilin were proven in kidney in one case. An on-the-spot enquiry detected that the relevant withdrawal period was complied with. The concentration of dihydrostreptomycin exceeding limits was detected in two liver samples and in one kidney sample. A subsequent on-the-spot enquiry detected that the relevant withdrawal periods were complied with in all cases. An excessive application was probable (prescribed dosage was not complied with). The issue of dihydrostreptomycin, as well as the reason of leaving residues also after the compliance with withdrawal period, was successfully solved to by the Institute for the State Control of Veterinary Biologicals and Medicines with the holder of marketing authorisations of the VMP concerned and the limitation of its use for certain weight categories of pigs was recommended. The condition for application was changed in the summary of product characteristics (SPC) as follows: "do not use in sows the meat of which is intended for human consumption".

Map	Sampling of sows	p.104
Table	Results for sows (2 sheets)	p. 105-106

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 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. In liver samples, the residues of a coccidiostat maduramycin were detected in 21 cases, salinomycin in 13 cases and semduramycin in 21 cases; all detected levels were in an interval between 50 % and 75 % of the 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. In muscle, measurable concentrations of anthelmintics (levamisole) and

substances from the groups of carbamates and pyrethroids (aldicarb, methomyl) were detected. In liver, the residues of a coccidiostat salinomycin were detected in one case and semduramycin in three cases; the levels were in an interval between 50 % and 75 % of the limit. No residues of drugs, the use of which is prohibited in food animals, were detected in turkey blood serum samples.

Map	Sampling of chicken	p. 107
Table	Results for chicken (4 sheets)	p. 108-111
Map	Sampling of hens	p.112
Table	Results for hens (4 sheets)	p. 113-116
Map	Sampling of turkeys	p. 117
Table	Results for turkeys (4 sheets)	p. 118-121

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 maduramycin and semduramycin were proven in liver samples at measurable concentrations. Mycotoxins were not detected in liver samples at measurable levels.

Map	Sampling of waterfowl	p. 122
Table	Results for waterfowl (3 sheets)	p. 123-125

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. The residues of additives – coccidiostats maduramycin and semduramycin were proven in liver samples at measurable concentrations.

Map	Sampling of ostriches	p. 126
Table	Results for ostriches (3 sheets)	p. 127-129

4.6. Quails

In the year 2016, 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 additives – coccidiostats aldicarb and methomyl (in muscle) and maduramycin and semduramycin (in liver) were proven at measurable concentrations; the levels were in an interval between 50 % and 75 % of the limit. Other monitored substances were not detected at measurable levels.

Map	Sampling of rabbits	p. 120
Table	Results for rabbits (3 sheets)	p. 131-133

4.8. Horses

Targeted testing of muscle, liver and kidney samples from food horses for the content of heavy metals (cadmium, lead, mercury) performed in the years 2014 and 2015 proved that liver and kidney of horses above 2 years of age slaughtered in the territory of the Czech Republic contained the level of cadmium exceeding limits – as compared with maximum limits established in Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs (cadmium: horse kidney – 1.0 mg.kg⁻¹, horse liver – 0.5 mg.kg⁻¹). The residues of phenylbutazon and oxyphenylbutazon (non-steroidal anti-inflammatory drugs not authorised for food animals) were proven in one sample of horse meat. The horse concerned has a free access to a medicated feedingstuff containing the drug the administration of which to animals intended for human consumption was prohibited. All carcass of the horse was confiscated (seized). No residues of drugs, including residues of unauthorised substances having a pharmacological effect, were detected in urine and blood serum samples. In one old horse, the level of cadmium exceeding limit was measured in muscle. Neither aflatoxins in liver, nor ochratoxin A in kidney were detected at measurable levels.

Map	Sampling of horses	p. 134
Table	Results for horses (4 sheets)	p. 135-138

4.9. Farmed cloven-hoofed animals

Game animals kept on farms are considered to be slaughter animals that are to be slaughtered at approved establishments or, under specified conditions, on farms using hunting weapons. No concentrations of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCB) were detected in muscle samples of such animals, except for one muscle sample of a deer which contained the residues of diclofenac. An on-the-spot enquiry did not detect the use of substance and preparations the administration of which to food animals is prohibited. The residues of additives – coccidiostats aldicarb and methomyl (in muscle) and maduramycin and semduramycin (in liver) were proven at measurable concentrations; all the levels were in an interval between 50 % and 75 % of the limit. A limit concentration of lead was detected in one case in muscle. No concentrations of the residues of unauthorised substances having a hormonal action exceeding limits were detected in muscle and liver of farmed cloven-hoofed animals.

Map	Sampling of farmed cloven-hoofed animals	p. 139
Table	Results for farmed cloven-hoofed animals (3 sheets)	p. 140-142
Map	Sampling of farmed wild boars	p. 143
Table	Results for farmed wild boars	p. 144

4.10. Freshwater fish

The samples of mainly carps and trouts, but also of other fish species, originated from fish farming. In carps, no residues of unauthorised medicinal products and other drugs were detected. The residues of metronidazole (a drug unauthorised for food producing animals) were detected in one carp muscle sample. An on-the-spot enquiry did not prove the source of the residues of this unauthorised drug. No residues of malachite green and its metabolic form, leucomalachite green (a drug unauthorised for fish intended for human consumption) were proven in carps. The content of chlorinated pesticides and PBC was at a 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 proven at measurable levels as well.

As opposed to a relatively favourable situation in carps, the situation in farmed rainbow trouts is still warning. The residues of malachite green (MG) and its leuco-form (LMG) were detected on 7 holdings in total (on 4 holdings in the year 2015); in three cases of which concentrations exceeded the decision limit after exceeding of which the fish was unfit for human consumption (2.0 µg.kg⁻¹) were concerned. Two samples contained a high concentration of an unauthorised substance leuco-crystal violet (the same samples in which MG residues were found). These findings unambiguously indicate a non-discipline of trout fish keepers, both national and foreign (from which early stages of the fish were imported). It was necessary to start, in all cases, the performance of more frequent checks on relaying areas of the holdings concerned. Binding measures were ordered and fish containing more than the limit of 2.0 µg.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. The concentration of arsenic near the decision limit

of 1.0 µg.kg⁻¹ was detected in one sample. 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, neither the residues of malachite green (MG) and its leuco-form (LMG) above the decision limit of 2.0 µg.kg⁻¹ nor the residues of other monitored substances were detected. The content of chlorinated pesticides and PCB was very low and did not reach 50 % of hygiene limits; 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 the World Health Organisation (WHO) toxic equivalent using the WHO-toxic equivalency factors (WHO-TEFs), were detected in fish samples.

Map	Sampling of freshwater fish – carps	p. 145
Table	Results for freshwater fish – carps (2 sheets)	p. 146-147
Map	Sampling of freshwater fish – trouts	p. 148
Table	Results for freshwater fish – trouts (3 sheets)	p. 149-151
Map	Sampling of freshwater fish – other species	p. 152
Table	Results for freshwater fish – other species	p. 153

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. Measures taken after the detection of lead levels exceeding limit consist in warning of operators of wild game handling establishments. Only in the cases when wild game meat is processed into wild game meat products (sausages, salami, etc.) veterinary inspectors shall take samples of these products for checks on lead content.

5.1. Pheasants and wild ducks

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, i.e. 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 3 wild duck muscle samples (however, we did not know whether they originated from swamp areas); the content of mercury exceeding limit was detected in one wild duck muscle sample; the sample complied after the calculation of measurement uncertainty. 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 4 samples of pheasant muscle. The content of chlorinated pesticides and polychlorinated biphenyls (PCB) complied with hygiene limits in all cases.

Map	Sampling of pheasants	p. 154
Table	Results for pheasants	p. 155
Map	Sampling of wild ducks	p. 156
Table	Results for wild ducks	p. 157

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. The content of lead exceeding limit was detected only in one sample of hare muscle.

Map	Sampling of hares	p. 158
Table	Results for hares	p. 159

5.3. Wild boars (feral pigs)

The concentrations of lead exceeding limits were found in 2 muscle samples in total (in 4 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 the highest potential contamination with lead (lead containing shot core) 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 three muscle samples. 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 2016 were negative for ivermectin; muscle samples tested for mebendazole and rafoxanide complied as well.

Map	Sampling of wild boars (feral pigs)	p. 160
Table	Results for wild boars (feral pigs)	p. 161

5.4. Other cloven-hoofed animals

In the group of other cloven-hoofed animals (excluding wild boars), deers, sika deers, fallow deers and roe deers were examined. No non-complying result was found in meat of these animals in the year 2016, all detected analytes were in an interval under 50 %, as in the previous year.

Map	Sampling of other cloven-hoofed animals	p. 162
Table	Results for other cloven-hoofed animals	p. 163

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.

Graph	The average content of dioxins in foodstuffs and raw materials (2 sheets)	p. 164-165
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7. Conclusions

71 180 analyses in total were performed by the State Veterinary Administration of the Czech Republic within the monitoring of residues and contaminants in the year 2016, 69 586 from which as planned sampling, 295 as targeted examinations of suspect samples and 1 299 as analyses of samples of imported commodities. The total percentage of **non-compliant findings** was of **0.12 %** in the year assessed, which percentage is by 0.08 % lower 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 compound feedingstuffs for poultry and rabbits were concerned. 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 proven 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. One sample of hen eggs contained lasalocid (an additive substance, coccidiostat) in limit exceeding concentration. One sample of quail's eggs contained monensin (an additive substance, coccidiostat) in limit exceeding concentration.

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

As for the residues of unauthorised substances, the residues of nortestosterone were detected in bovine and porcine urine and metronidazole in carp muscle. 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 case of metronidazole in carp muscle, the source of residues of the unauthorised drug was not detected.

In the year 2016, the residues of antibiotics in muscle, liver and kidney of bovine and porcine animals were detected. The residues of dihydrostreptomycin were concerned in two sows, marbofloxacin in one milking cow and one fattening pig, sulphadiazine in one calf and trimethoprim together with sulphamethoxazole in one sow.

During last years, unique findings of non-compliant meat samples contaminated with PCB in bovine and porcine animals kept in old stables where no decontamination of old paints and plasters containing PCB was performed took place. Two non-compliant results were detected also in the year 2016 – one cattle holding and one pig holding were concerned.

The concentration of mercury (Hg) exceeding limit (0.01 mg.kg^{-1}) laid down in 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 was detected during past years in kidney of adult bovine and porcine animals (in particular fattening animals). Limit-exceeding concentrations of mercury were detected particularly in boars subjected to an immune-castration using the preparation Improvac with a preservation substance thiomersal containing ethyl-mercury. Based on our warning, the licensee replaced the original preservation substance with chlorocresol. Limit-exceeding concentrations of mercury in kidney of fattening pigs were not detected afterwards. The concentration of cadmium exceeding the limit of 1.0 mg.kg^{-1} in kidney of three cows and in muscle of one horse was detected.

No non-compliant results for monitored residues and contaminants were detected in poultry. In freshwater fish (trouts), 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. The concentration of NDL-PCB exceeding the maximum limit (40 ng.g^{-1} of fat) established for domestic pigs was detected in two wild boar muscle samples.

Because of a relatively low number of non-compliant samples detected, health safety of raw materials and foodstuffs of animal origin can be, with respect to the content of residues and contaminants, assessed as favourable. However, the detection of the residues of veterinary drugs – antimicrobials must be 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 unique findings of PCB in meat of bovine and porcine animals as a result of a still continuing contamination of animal environment (old paints).

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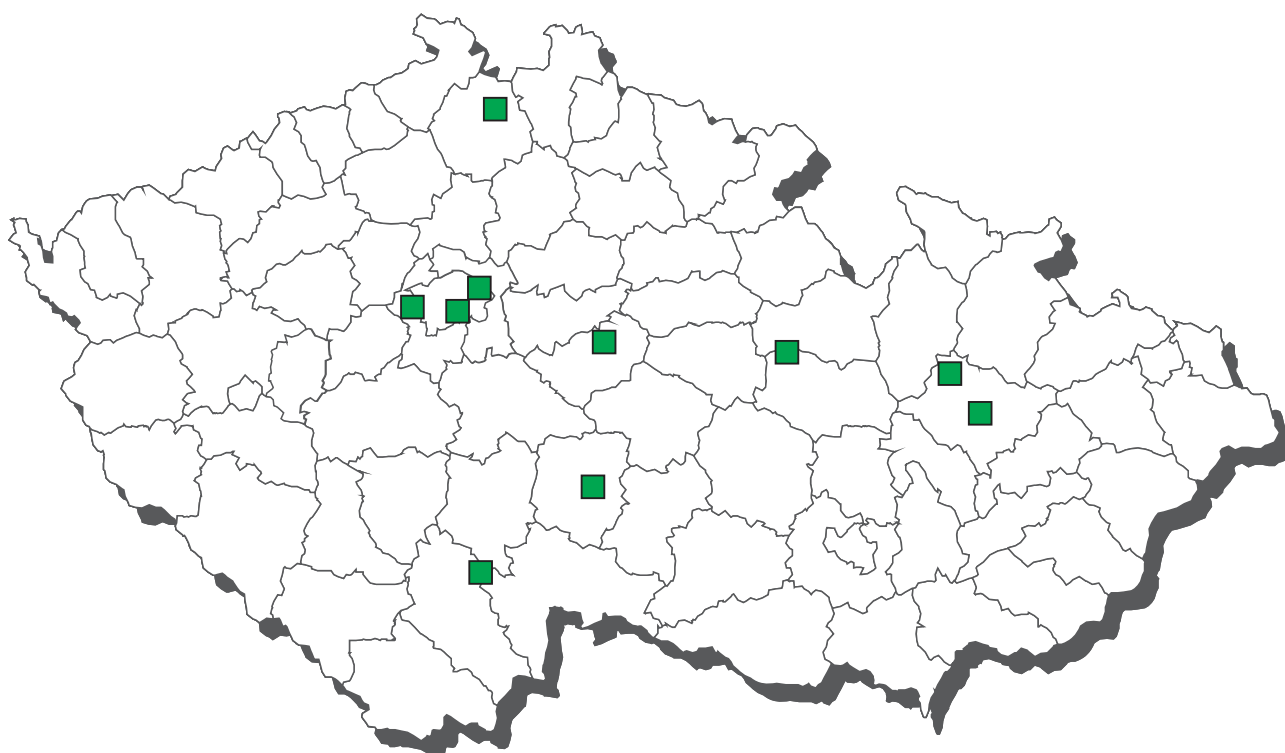
**General overview of the examination for residues
according to commodities and sampling reasons in the year 2015**

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	0,20
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

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

Commodity	Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
Wild and farmed game, fish	4 379	550	12,56	32	0,73
Monitoring	3 949	526	13,32	25	0,63
Indicated sampling	65	23	35,38	7	10,77
Intracommunitary EU trade	365	1	0,27	0	0,00
Import in EU	0	0	0,00	0	0,00
Farm animals	53 377	1 224	2,29	44	0,08
Monitoring	52 808	1 157	2,19	36	0,07
Indicated sampling	186	56	30,11	8	4,30
Intracommunitary EU trade	383	11	0,00	0	0,00
Import in EU	0	0	0,00	0	0,00
Foodstuffs of animal origin	7 873	180	2,29	3	0,04
Monitoring	7 768	177	2,28	2	0,03
Indicated sampling	13	3	0,00	1	0,00
Intracommunitary EU trade	74	0	0,00	0	0,00
Import in EU	18	0	0,00	0	0,00
Animal feed	5 477	744	13,58	7	0,13
Monitoring	4 996	623	12,47	7	0,14
Indicated sampling	22	9	40,91	0	0,00
Intracommunitary EU trade	409	94	0,00	0	0,00
Import in EU	50	18	0,00	0	0,00
Waters	74	0	0,00	0	0,00
Monitoring	65	0	0,00	0	0,00
Indicated sampling	9	0	0,00	0	0,00
Total all samples	71 180	2 698	3,79	86	0,12
Monitoring	69 586	2 483	3,57	70	0,10
Indicated sampling	295	91	30,85	16	5,42
Intracommunitary EU trade	1 231	106	8,61	0	0,00
Import in EU	68	18	26,47	0	0,00

CL 2016 - sampling of fish meals

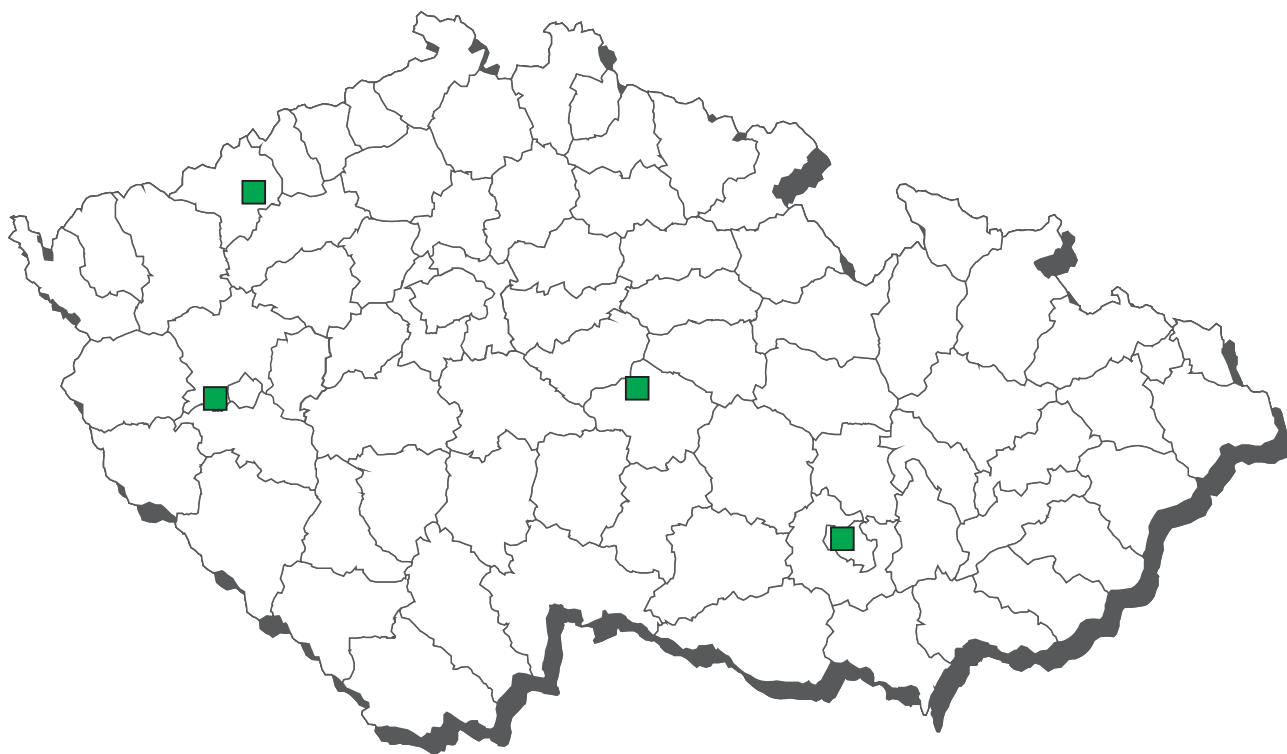


fish meals - monitoring

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	2	20,0	0	0,0	0,00083	n.d.	0,00245	0,00290	mg/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	1	10,0	0	0,0	0,00022	n.d.	0,00050	0,00050	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	0	0,0	0	0,0	0,00022	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a sum PCB	13	1	7,7	0	0,0	0,37692	n.d.	n.d.	1,30000	µg/kg 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 anorganický	14	4	28,6	0	0,0	0,06207	n.d.	0,14010	0,16900	mg/kg 12% moisture
B3c arsenic	23	23	100,0	0	0,0	4,97357	4,30000	8,03600	11,30000	mg/kg 12% moisture
B3c cadmium	9	9	100,0	0	0,0	0,23622	0,15900	0,52080	0,59600	mg/kg 12% moisture
B3c mercury	23	23	100,0	0	0,0	0,13420	0,12900	0,20260	0,23700	mg/kg 12% moisture
B3c methylmercury	14	12	85,7	0	0,0	0,10193	0,10700	0,16870	0,22200	mg/kg 12% moisture
B3c lead	9	4	44,4	0	0,0	0,13056	n.d.	0,25800	0,77000	mg/kg 12% moisture
B3c tin	14	9	64,3	0	0,0	0,04343	0,01850	0,10940	0,19800	mg/kg 12% moisture
B3f WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,38933	0,25700	0,62100	0,71200	ng/kg 12% moisture
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,99700	0,47300	1,75060	2,07000	ng/kg 12% moisture
B3f OCDD	3	0	0,0	0	0,0	0,07650	n.d.	n.d.	0,07650	ng/kg 12% moisture
B3f OCDF	3	0	0,0	0	0,0	0,08050	n.d.	n.d.	0,08050	ng/kg 12% moisture
B3f 2,4,4'-TriBDE	3	3	100,0	0	0,0	0,02267	0,02010	0,03506	0,03880	ng/g
B3f 2,2',4,4'-TetraBDE	3	3	100,0	0	0,0	0,36967	0,29500	0,57980	0,65100	ng/g
B3f 2,2',4,4',5-PentaBDE	3	3	100,0	0	0,0	0,06307	0,05480	0,10056	0,11200	ng/g
B3f 2,2',4,4',6-PentaBDE	3	3	100,0	0	0,0	0,09160	0,07820	0,14044	0,15600	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	3	2	66,7	0	0,0	0,01182	0,01030	0,01846	0,02050	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	3	3	100,0	0	0,0	0,06487	0,05350	0,10190	0,11400	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% moisture	10	0	0	0	0	0
B3a DDT (sum)	MRL - 0,05 mg/kg 12% moisture	10	0	0	0	0	0
B3a endrin	MRL - 0,01 mg/kg 12% moisture	10	0	0	0	0	0
B3a enundersulfan - sum	MRL - 0,1 mg/kg 12% moisture	10	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,01 mg/kg 12% moisture	10	0	0	0	0	0
B3a heptachlor	MRL - 0,01 mg/kg 12% moisture	10	0	0	0	0	0
B3a alfa-HCH	MRL - 0,02 mg/kg 12% moisture	10	0	0	0	0	0
B3a beta-HCH	MRL - 0,01 mg/kg 12% moisture	10	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,2 mg/kg 12% moisture	10	0	0	0	0	0
B3a sum PCB	ML - 30 µg/kg 12% moisture	13	0	0	0	0	0
B3a toxaphene (sum)	MRL - 0,2 mg/kg 12% moisture	10	0	0	0	0	0
B3c arsenic anorganický	AL - 2 mg/kg 12% moisture	14	0	0	0	0	0
B3c arsenic	ML - 25 mg/kg 12% moisture	23	0	0	0	0	0
B3c cadmium	ML - 2 mg/kg 12% moisture	9	0	0	0	0	0
B3c mercury	ML - 0,5 mg/kg 12% moisture	23	0	0	0	0	0
B3c methylmercury	AL - 0,4 mg/kg 12% moisture	13	1	0	0	0	0
B3c lead	ML - 10 mg/kg 12% moisture	9	0	0	0	0	0
B3c tin	AL - 10 mg/kg 12% moisture	14	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 1,25 ng/kg 12% moisture	2	1	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 4 ng/kg 12% moisture	2	1	0	0	0	0

CL 2016 - sampling of feed materials of animal origin

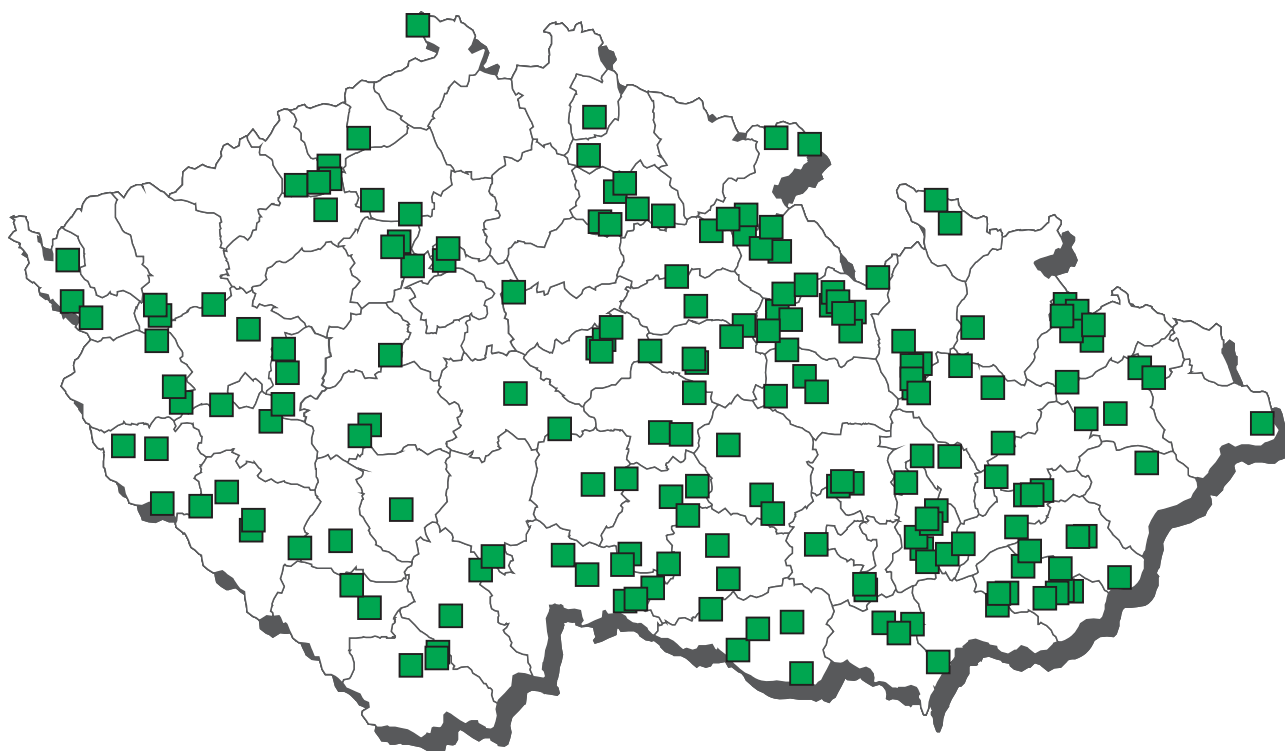


feed materials of animal origin - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg 12% moisture
B3f WHO-PCDD/F-TEQ	4	4	100,0	0	0,0	0,31700	0,25700	0,48180	0,56700	ng/kg 12% moisture
B3f WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	0,71850	0,71300	1,03390	1,09000	ng/kg 12% moisture
B3f 2,4,4'-TriBDE	4	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	4	4	100,0	0	0,0	0,05050	0,04775	0,06245	0,06800	ng/g
B3f 2,2',4,4',5-PentaBDE	4	4	100,0	0	0,0	0,04753	0,04240	0,05969	0,06650	ng/g
B3f 2,2',4,4',6-PentaBDE	4	3	75,0	0	0,0	0,01060	0,01170	0,01355	0,01400	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	4	3	75,0	0	0,0	0,03236	0,02450	0,06131	0,07580	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	4	3	75,0	0	0,0	0,01140	0,01295	0,01440	0,01470	ng/g
B3f 2,2',3,4,4',5,6'-HeptaBDE	4	3	75,0	0	0,0	0,06703	0,04255	0,13906	0,17800	ng/g

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	ML - 10 µg/kg 12% moisture	4	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 1,5 ng/kg 12% moisture	4	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 2 ng/kg 12% moisture	3	1	0	0	0	0

CL 2016 - sampling of complete and supplementary feedingstuffs



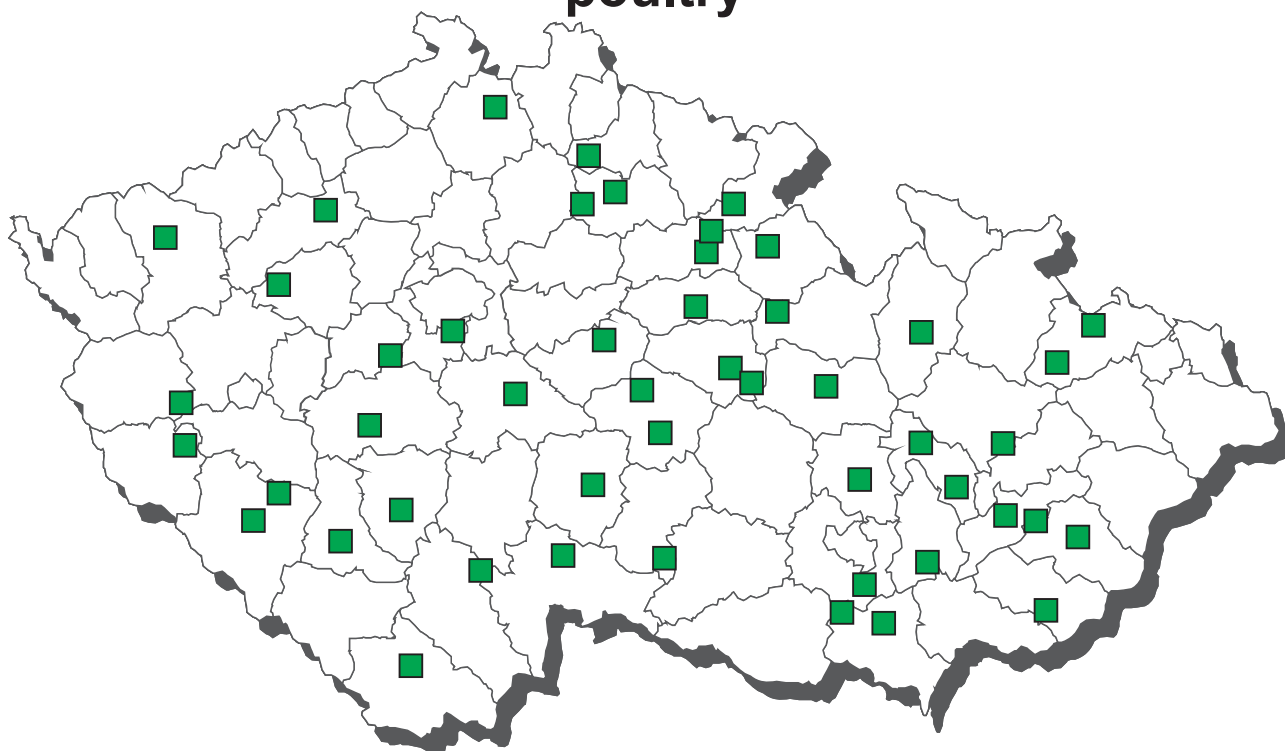
complete and supplementary feedingstuffs - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (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	0,00041	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a DDT (sum)	66	3	4,5	0	0,0	0,00050	n.d.	n.d.	0,00470	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	0,00041	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a hexachlorbenzen	66	3	4,5	0	0,0	0,00032	n.d.	n.d.	0,00100	mg/kg 12% moisture
B3a heptachlor	66	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg 12% moisture
B3a alfa-HCH	66	0	0,0	0	0,0	0,00029	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	0,00083	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	15	17,4	0	0,0	0,01958	n.d.	0,01750	0,55600	mg/kg 12% moisture
B3c arsenic	89	67	75,3	0	0,0	0,11165	0,06000	0,22000	1,52000	mg/kg 12% moisture
B3c cadmium	89	89	100,0	0	0,0	0,07770	0,04600	0,07740	1,98200	mg/kg 12% moisture
B3c mercury	89	77	86,5	0	0,0	0,00157	0,00100	0,00386	0,00840	mg/kg 12% moisture
B3c lead	89	80	89,9	0	0,0	0,15987	0,12000	0,33120	1,93000	mg/kg 12% moisture
B3d deoxinivalenol	86	36	41,9	0	0,0	196,66744	n.d.	382,25000	4890,00000	µg/kg 12% moisture
B3d ochratoxin A	86	39	45,3	0	0,0	0,84012	n.d.	1,52500	27,50000	µg/kg 12% moisture
B3d aflatoxin B2	86	6	7,0	0	0,0	0,13766	n.d.	n.d.	0,32000	µg/kg 12% moisture
B3d zearalenone	86	19	22,1	0	0,0	16,84547	n.d.	28,20500	140,00000	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% moisture	66	0	0	0	0	0
B3b diazinone	AL - 0,02 mg/kg 12% moisture	86	0	0	0	0	0
B3b phorate	AL - 0,05 mg/kg 12% moisture	86	0	0	0	0	0
B3b pyrimiphosmethyl	AL - 5 mg/kg 12% moisture	86	0	0	0	0	0
B3c arsenic	ML - 2 mg/kg 12% moisture	88	0	1	0	0	0
B3c cadmium	ML - 0,5 mg/kg 12% moisture	87	0	1	0	0	1*
B3c mercury	ML - 0,1 mg/kg 12% moisture	89	0	0	0	0	0
B3c lead	ML - 5 mg/kg 12% moisture	89	0	0	0	0	0
B3d deoxinivalenol	AL - 8000 µg/kg 88% dry matter	85	1	0	0	0	0
B3d ochratoxin A	AL - 250 µg/kg 88% dry matter	86	0	0	0	0	0
B3d aflatoxin B2	MRL - 10 µg/kg 88% dry matter	86	0	0	0	0	0
B3d zearalenone	AL - 2000 µg/kg 88% dry matter	86	0	0	0	0	0

* conforms within the limit of 2 according to Directive no. 32 of 2002

CL 2016 - sampling of compound feedingstuffs for poultry



Compound feedingstuffs for poultry - non-compliant results 2016



■ lasalocid

● salinomycin

▲ monensin

▼ narazin

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 sulfaundexine	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	2	3,1	1	1,6	0,10391	n.d.	n.d.	3,18700	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	18	28,1	3	4,7	0,35502	n.d.	0,30210	7,47000	mg/kg 12% moisture
B2b narasin	64	15	23,4	1	1,6	0,55636	n.d.	0,94860	5,00000	mg/kg 12% moisture
B2b nicarbazin	64	4	6,3	0	0,0	0,07395	n.d.	n.d.	0,99700	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	9	14,1	2	3,1	0,19752	n.d.	0,29640	5,00000	mg/kg 12% moisture
B2b semduramicin	64	0	0,0	0	0,0	0,03203	n.d.	n.d.	0,05000	mg/kg 12% moisture

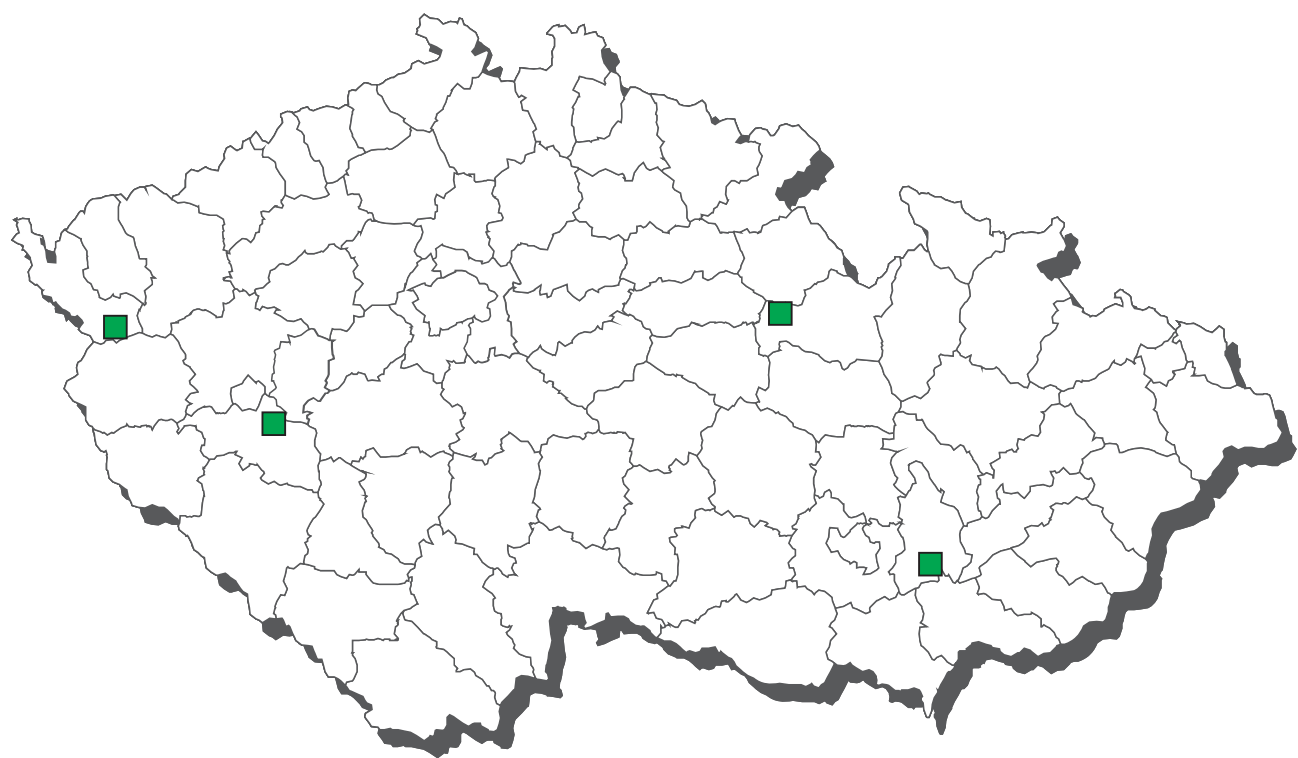
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b lasalocid	ML - 1,25 mg/kg	62	1	0	0	0	1
B2b monensin	ML - 1,25 mg/kg	61	0	0	0	0	3
B2b narasin	ML - 0,7 mg/kg	61	1	1	0	1	0
B2b salinomycin	ML - 0,7 mg/kg	62	0	0	0	2	0

sampling date	cadastral dis. (sampling)	origin	value
lasalocid			
26.8.2016	Hradec Králové	Jiří Kadeřávek	3,187 mg/kg 12% moi.
monensin			
26.8.2016	Hradec Králové	Jiří Kadeřávek	5,322 mg/kg 12% moi.
9.9.2016	Semily	VKS Smiřice	7,47 mg/kg 12% moi.
31.8.2016	Opava	JUPOL - odchov, výkrm s.r	2,679 mg/kg 12% moi.
narasin			
9.9.2016	Semily	VKS Smiřice	1,176 mg/kg 12% moi.
salinomycin			
1.8.2016	Uherské Hradiště	LUKROM, spol. s r.o.	1,308 mg/kg 12% moi.
15.4.2016	Vsetín	LUKROM, spol. s r.o.	1,083 mg/kg 12% moi.

compound feedingstuffs for poultry - targeted testing

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2b decoquinat	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b diclazuril	1	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00300	mg/kg 12% moisture
B2b halofuginone	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b lasalocid	2	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b maduramicin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg 12% moisture
B2b monensin	2	1	50,0	0	0,0	0,56000	0,56000	0,96800	1,07000	mg/kg 12% moisture
B2b narasin	1	1	100,0	0	0,0	0,38700	0,38700	0,38700	0,38700	mg/kg 12% moisture
B2b nicarbazin	1	1	100,0	0	0,0	0,14000	0,14000	0,14000	0,14000	mg/kg 12% moisture
B2b robenidin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b salinomycin	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	mg/kg 12% moisture
B2b semduramicin	1	0	0,0	0	0,0	0,02500	n.d.	n.d.	0,02500	mg/kg 12% moisture
B3c mercury	1	1	100,0	0	0,0	0,00040	0,00040	0,00040	0,00040	mg/kg 12% moisture

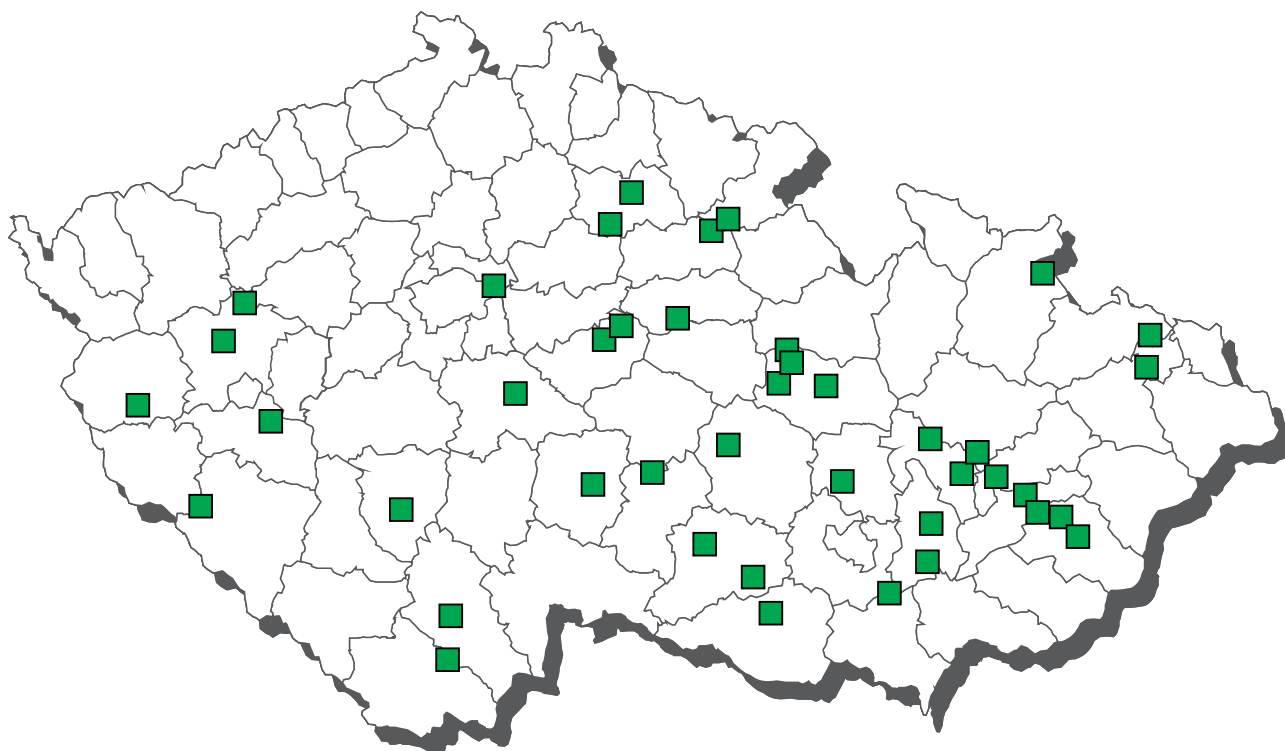
CL 2016 - sampling of compound feedingstuffs for rabbits



compound feedingstuffs - 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 sulfaundexine	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	3	50,0	0	0,0	0,24067	0,07500	0,59700	0,75900	mg/kg 12% moisture
B2b salinomycin	6	1	16,7	0	0,0	0,17450	n.d.	0,42350	0,79700	mg/kg 12% moisture
B2b semduramicin	6	0	0,0	0	0,0	0,03750	n.d.	n.d.	0,05000	mg/kg 12% moisture

CL 2016 - sampling of compound feedingstuffs for swine animals



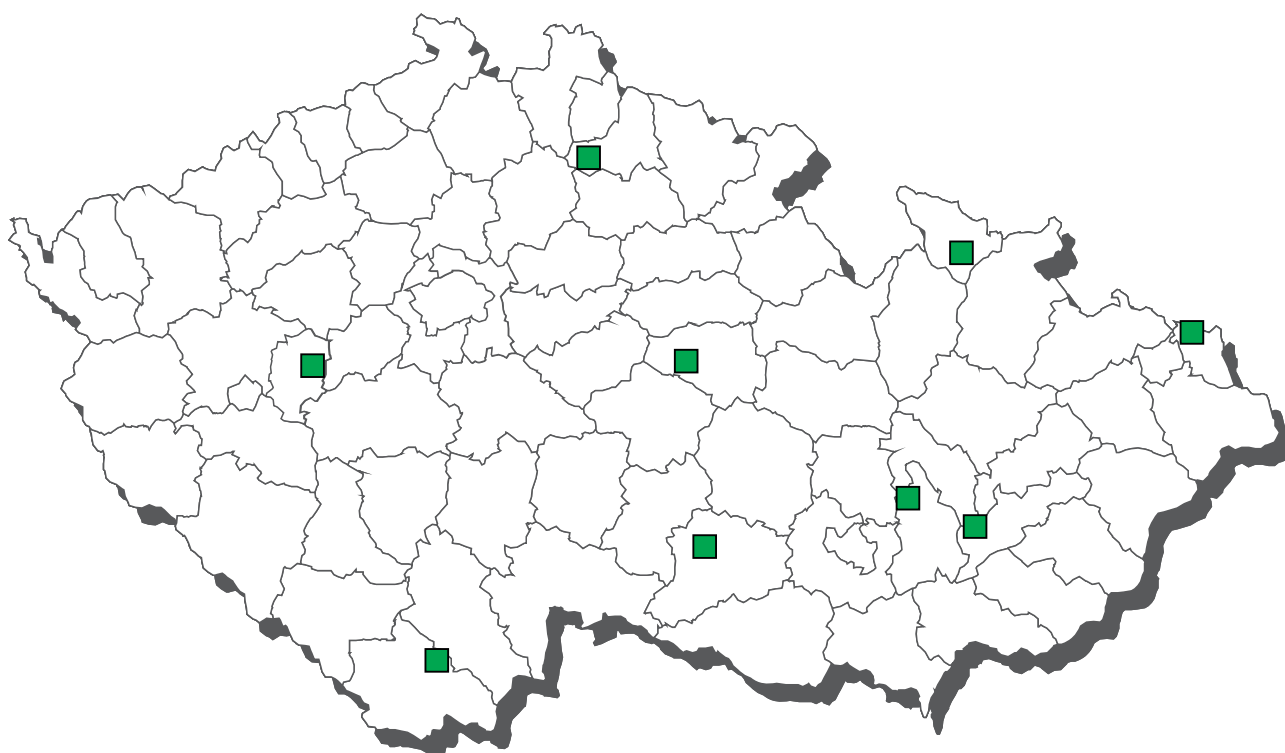
compound feedingstuffs for swine animals - monitoring

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

compound feedingstuffs for swine animals - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c mercury	1	1	100,0	0	0,0	0,00060	0,00060	0,00060	0,00060	mg/kg 12% moisture

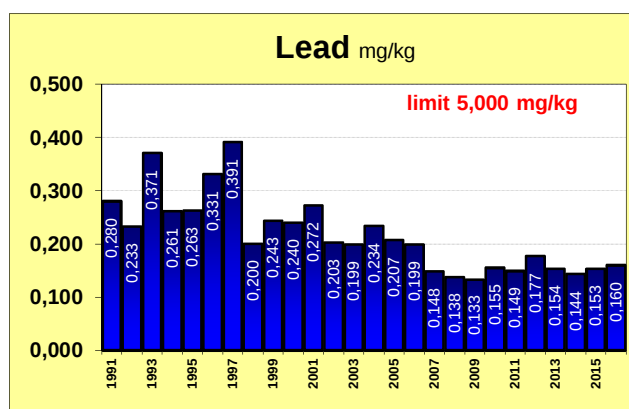
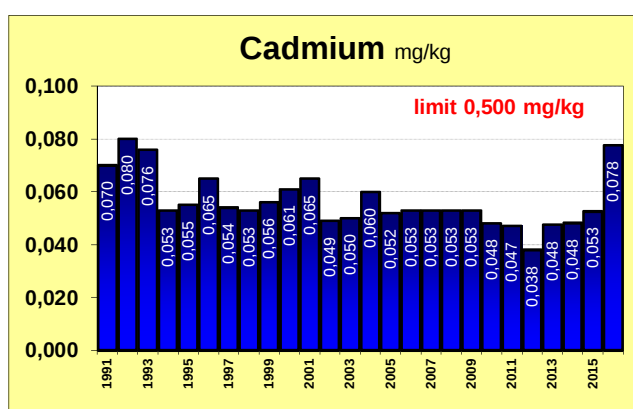
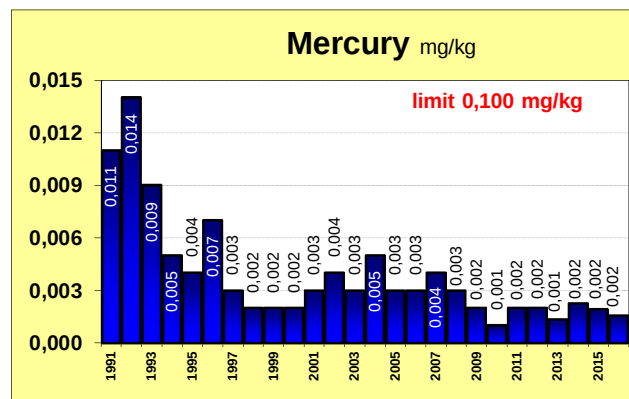
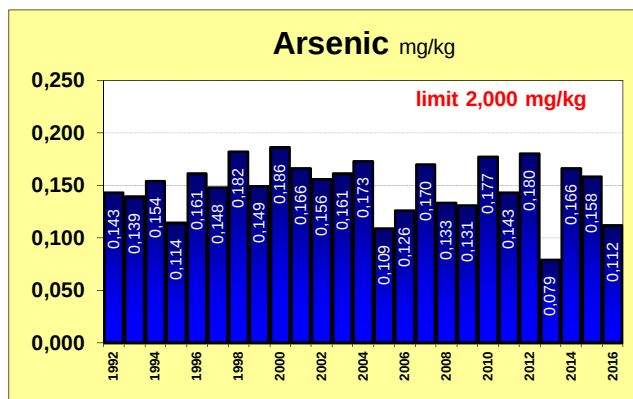
CL 2016 - sampling of compound feedingstuffs for bovine



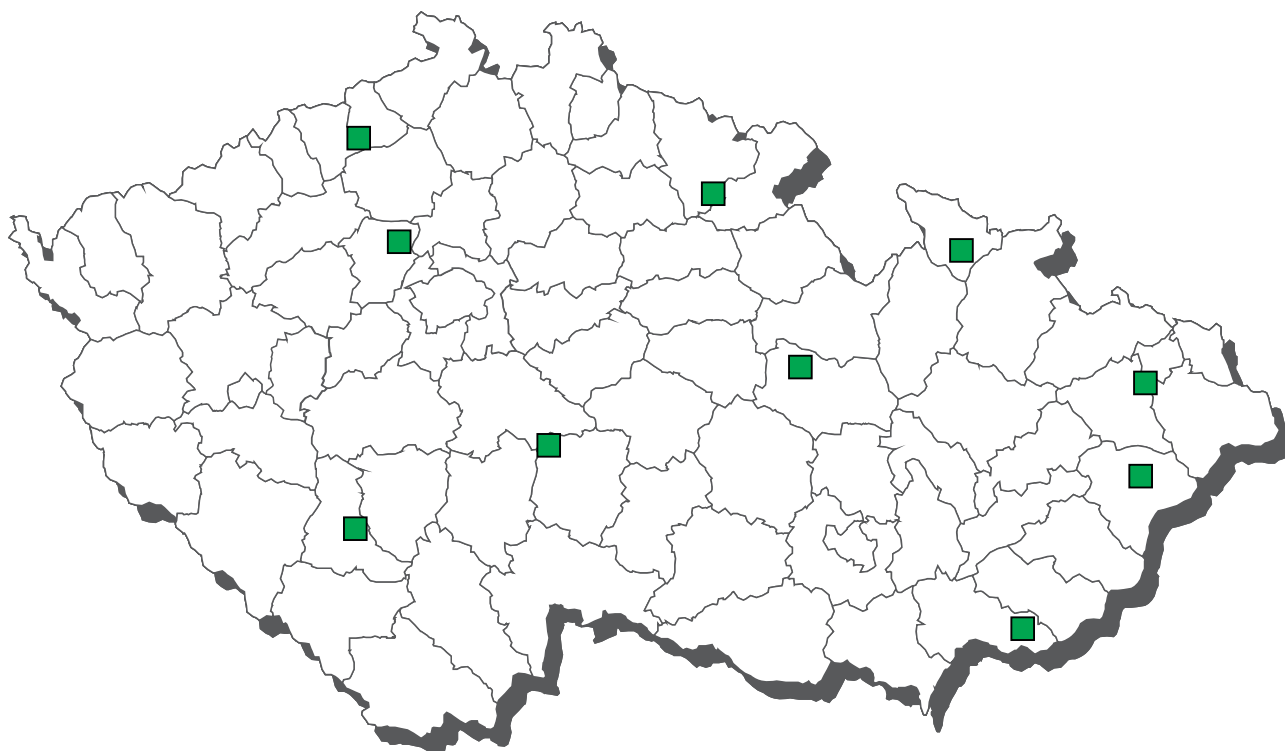
compound feedingstuffs for bovine animals - monitoring

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



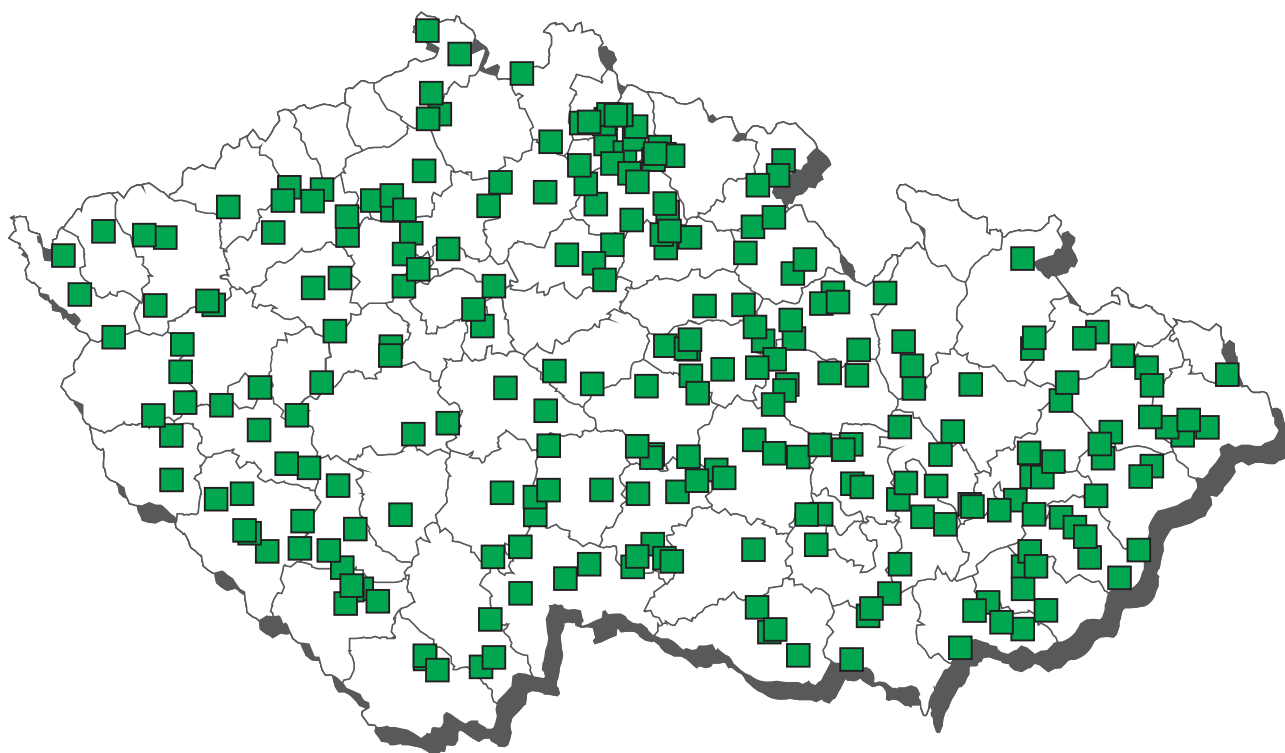
CL 2016 - sampling of water used for watering farm animals



water supply - 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 2016 - 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 clenrocyclohexerol	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 dapsona	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	76	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	73	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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 sulfaundexine	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	31,67808	n.d.	n.d.	62,50000	µg/kg
B1 tetracyclines	76	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a albendazole	4	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	4	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	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 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	4,00000	n.d.	n.d.	5,00000	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 lambda-cyhalothrin	12	0	0,0	0	0,0	0,00087	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	12	0	0,0	0	0,0	0,00147	n.d.	n.d.	0,00250	mg/kg
B2c permethrin	12	0	0,0	0	0,0	0,00342	n.d.	n.d.	0,00500	mg/kg
B2e carprofen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

raw cow's milk - monitoring - (continuation)

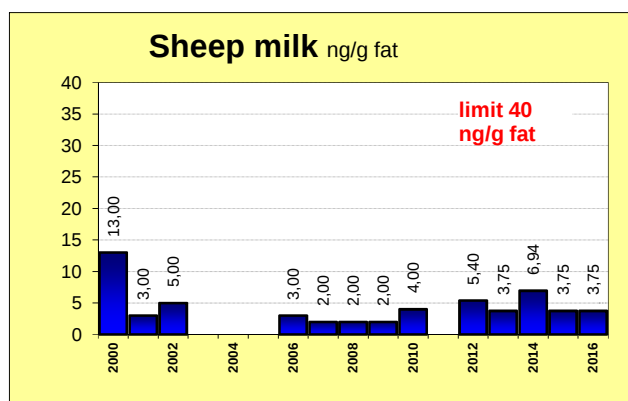
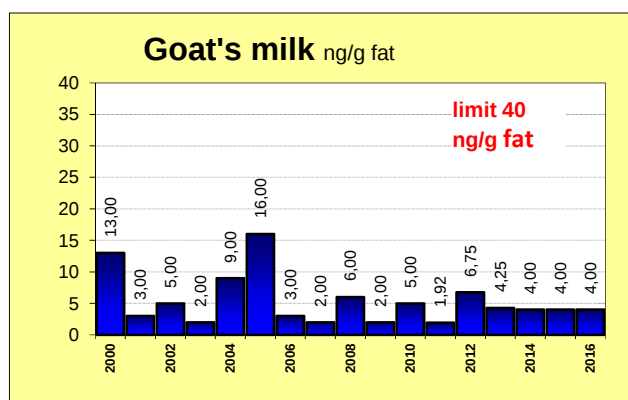
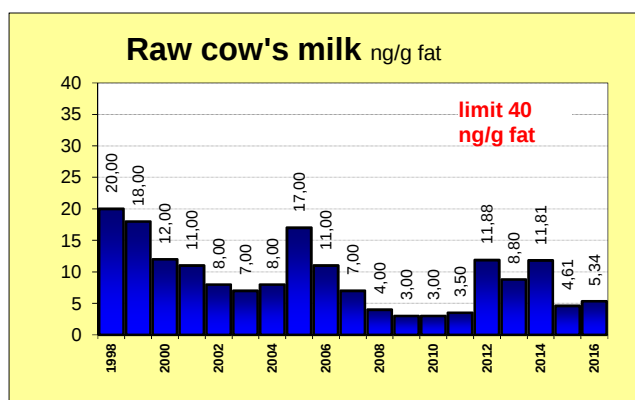
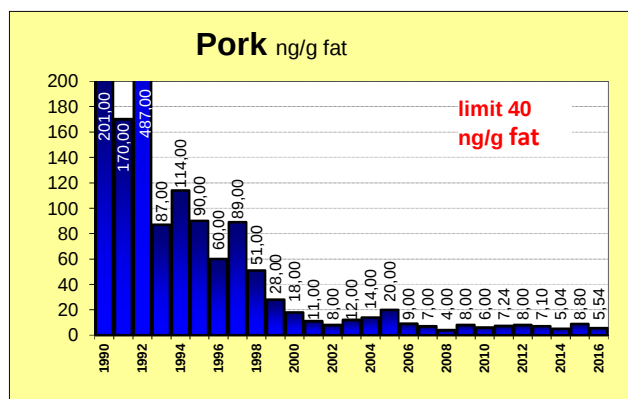
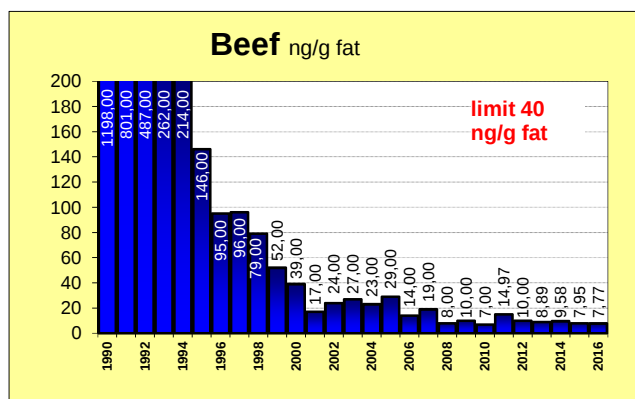
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e diclofenac	8	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B2e flufenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e metamizol	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	8	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	22	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (suma)	15	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	15	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	15	2	13,3	0	0,0	0,00080	n.d.	0,00117	0,00490	mg/kg
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	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	15	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	15	0	0,0	0	0,0	0,00041	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	15	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	15	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	15	0	0,0	0	0,0	0,00034	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	20	1	5,0	0	0,0	5,33757	n.d.	n.d.	25,75130	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 WHO-PCDD/F-TEQ	5	5	100,0	0	0,0	0,38060	0,38700	0,38920	0,39000	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	0,61780	0,63000	0,65640	0,67400	pg/g fat
B3f OCDD	5	5	100,0	0	0,0	7,31200	5,76000	12,06400	14,10000	pg/g fat
B3f OCDF	5	0	0,0	0	0,0	0,15300	n.d.	n.d.	0,15300	pg/g fat
B3f 2,4,4'-TriBDE	5	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	5	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f 2,2',4,4',5-PentaBDE	5	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f 2,2',4,4',6-PentaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	5	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5,6-HeptaBDE	5	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

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 sulfaundexine	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	4	0	0	0	0	0
B2a eprinomectin	MRL - 20 µg/kg	15	0	0	0	0	0
B2a fenbendazole	MRL - 10 µg/kg	4	0	0	0	0	0
B2a moxidectin	MRL - 40 µg/kg	15	0	0	0	0	0
B2a oxfendazole	MRL - 10 µg/kg	4	11	0	0	0	0
B2a rafoxanid	MRL - 10 µg/kg	4	0	0	0	0	0
B2a thiabendazole	MRL - 100 µg/kg	4	0	0	0	0	0
B2a triclabendazole	MRL - 10 µg/kg	4	0	0	0	0	0
B2c cypermethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2e diclofenac	MRL - 0,1 µg/kg	0	8	0	0	0	0
B2e flunixin	MRL - 40 µg/kg	8	0	0	0	0	0
B2e meloxicam	MRL - 15 µg/kg	8	0	0	0	0	0

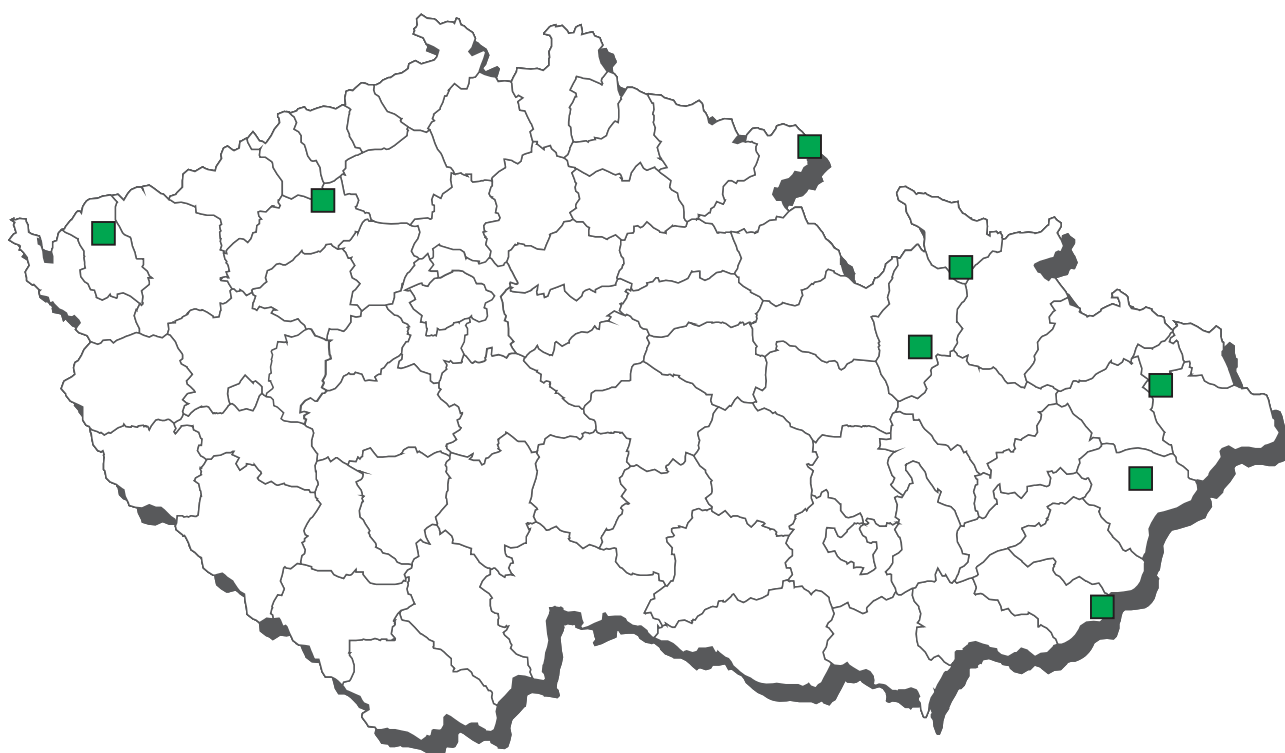
raw cow's milk - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2e metamazol	MRL - 50 µg/kg	8	0	0	0	0	0
B2e tolfenamic acid	MRL - 50 µg/kg	8	0	0	0	0	0
B3a aldrin, dieldrin (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 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	7	8	0	0	0	0
B3a sum PCB	ML - 40 ng/g fat	19	1	0	0	0	0
B3b diazinone	MRL - 0,02 mg/kg	4	0	0	0	0	0
B3b phorate	MRL - 0,01 mg/kg	4	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	4	0	0	0	0	0
B3c arsenic	AL - 0,05 mg/kg	2	0	0	0	0	0
B3c cadmium	AL - 0,01 mg/kg	2	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c lead	ML - 0,02 mg/kg	2	0	0	0	0	0
B3d aflatoxin M2	ML - 0,05 µg/kg	35	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	5	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 5,5 pg/g fat	5	0	0	0	0	0

The average PCB sum content in foodstuffs and raw materials



CL 2016 - sampling of raw sheep milk



raw sheep milk - monitoring

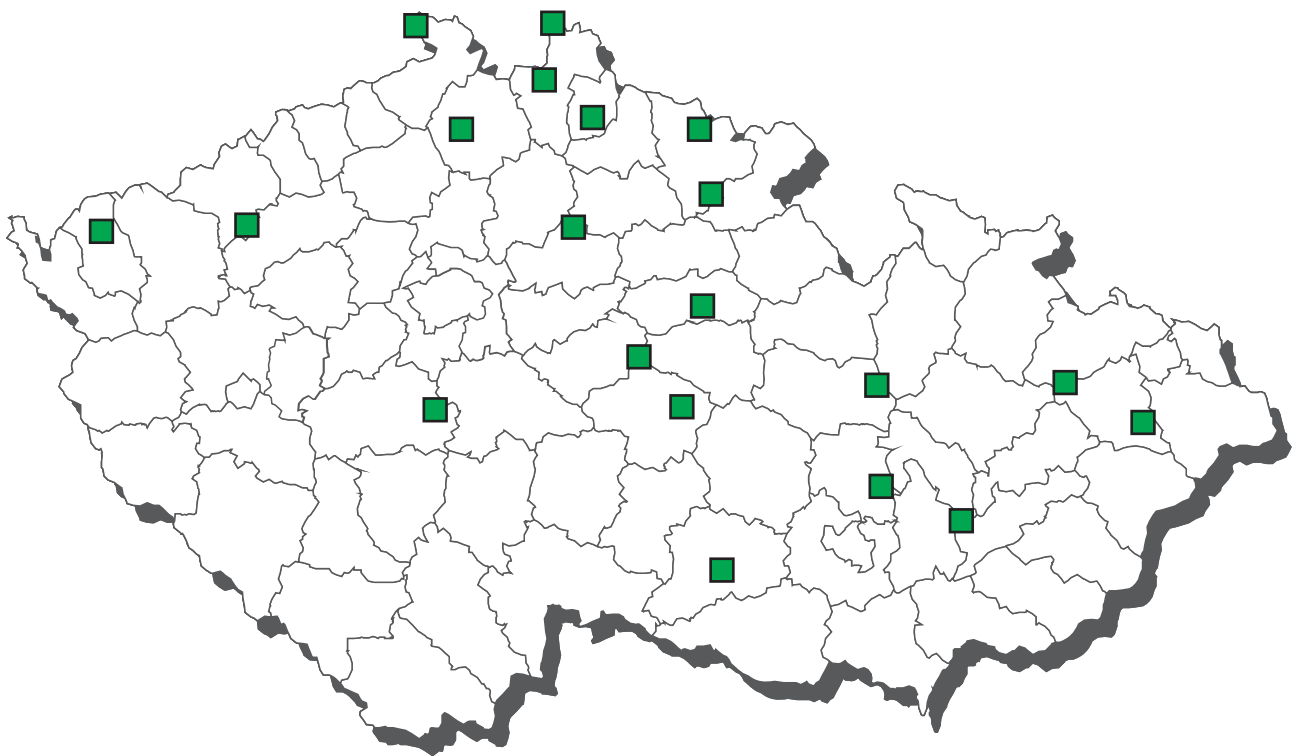
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6 AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6 AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6 dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6 chloramphenicol	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.	kvalit	
B1 gentamycin, neomycin	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 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 sulfaundexine	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.	kvalit	
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 lambda-cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c cypermethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c deltamethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c 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 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	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	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c cadmium	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3c mercury	1	1	100,0	0	0,0	0,00060	0,00060	0,00060	0,00060	mg/kg
B3c lead	1	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00200	mg/kg
B3d aflatoxin M2	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	µg/kg
B3f WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,37200	0,37200	0,37200	0,37200	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	1,36000	1,36000	1,36000	1,36000	pg/g fat
B3f 2,4,4'-TriBDE	1	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	1	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f 2,2',4,4',5-PentaBDE	1	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f 2,2',4,4',6-PentaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	1	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5,6-HeptaBDE	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

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 sulfaundexine	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

raw sheep milk - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
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 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 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
B3f WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	1	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 5,5 pg/g fat	1	0	0	0	0	0

CL 2016 - sampling of raw goat's milk



raw goat's milk - monitoring

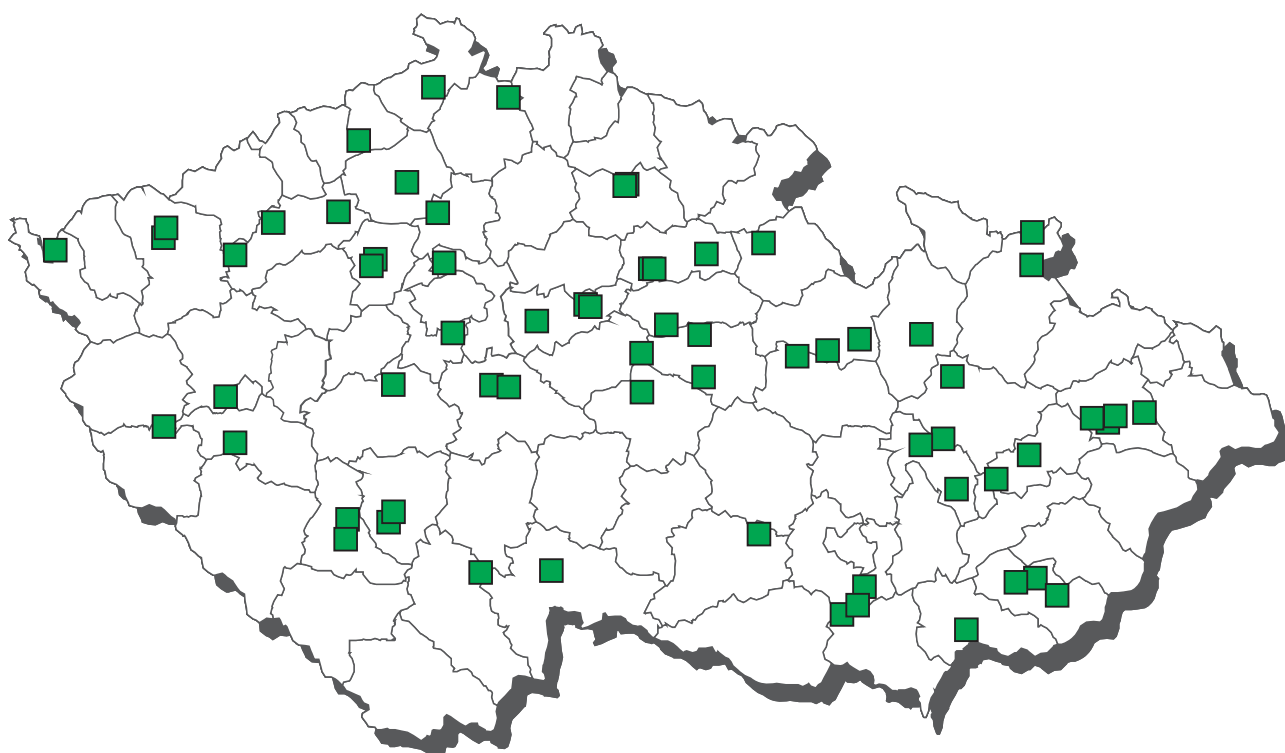
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6 AMOZ	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A6 AOZ	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A6 dapsone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A6 chloramphenicol	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.	kvalit	
B1 gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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 sulfaundexine	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.	kvalit	
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 lambda-cyhalothrin	2	0	0,0	0	0,0	0,00125	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	2	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B2c permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e vedaprofen	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (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

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 sulfaundexine	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 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

raw goat's milk - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
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 2016 - sampling of hen eggs



Hen eggs - non-compliant results 2016



 lasalocid

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	1	2,2	0	0,0	0,05956	n.d.	n.d.	0,07000	µg/kg
A6 ipronidazole-OH	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6 ipronidazole	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6 MNZOH	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 metronidazole	10	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6 ornidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 ronidazole	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 secnidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 SEM	10	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6 ternidazol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 tinidazol	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
B1 betalactams	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1 difloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1 enrofloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1 flumequine	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1 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.	kvalit	
B1 marbofloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1 nalidixic acid	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1 norfloxacin	10	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B1 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 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	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimidine	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimethoxine	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfaundersoxine	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfamerazine	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxydiazine	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfaquinoxaline	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfathiazole	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxazole	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 sulfadiazine	38	0	0,0	0	0,0	13,55263	n.d.	n.d.	15,00000	µg/kg
B1 tetracyclines	38	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a albendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a fenbendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a levamisole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a mebendazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a raxofenid	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 triclofenazole	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2b decofenat	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	1	3,8	1	3,8	80,25000	n.d.	n.d.	2045,00000	µg/kg
B2b maduramicin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b narasin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b nicarbazin	26	2	7,7	0	0,0	1,50385	n.d.	n.d.	11,60000	µg/kg
B2b rofenidin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	26	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3a aldrin, dieldrin (suma)	54	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	54	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	54	2	3,7	0	0,0	0,00045	n.d.	n.d.	0,00140	mg/kg
B3a endrin	54	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
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	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	54	0	0,0	0	0,0	0,00042	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	54	0	0,0	0	0,0	0,00031	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	54	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	54	0	0,0	0	0,0	0,00032	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg fat
B3a sum PCB	59	0	0,0	0	0,0	4,11864	n.d.	n.d.	4,50000	ng/g fat

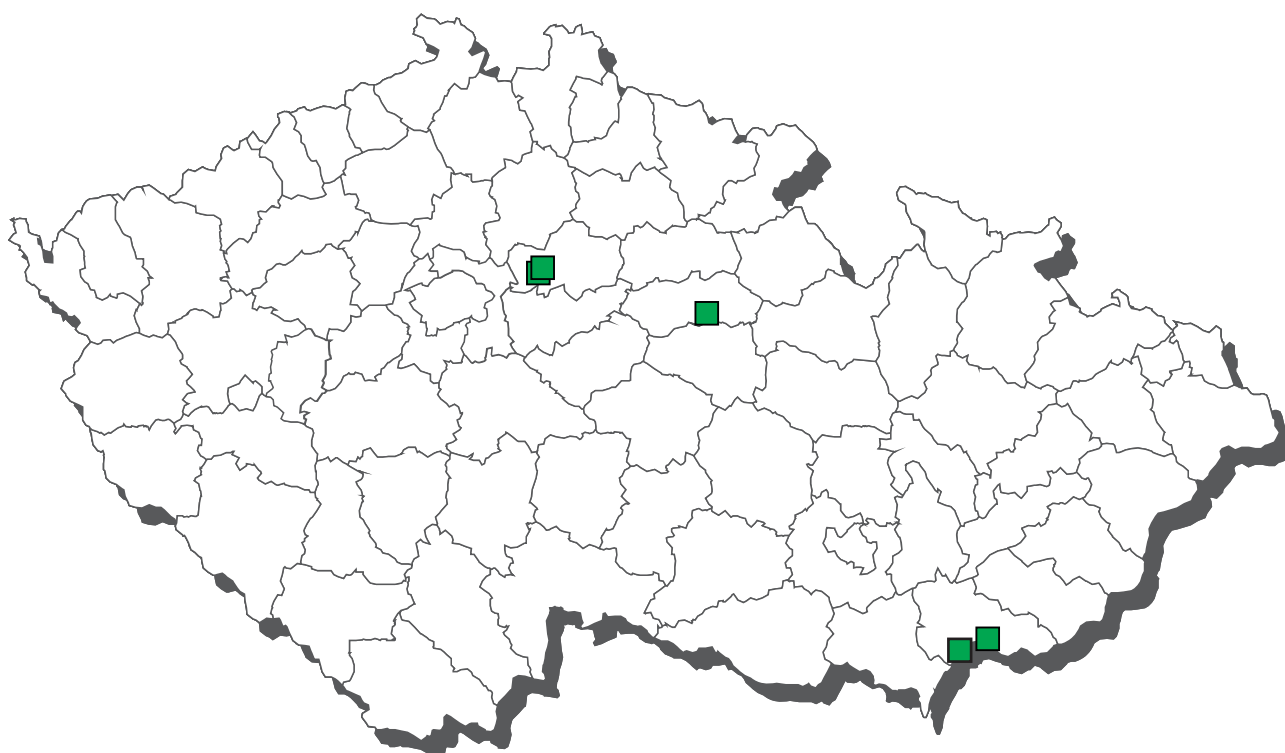
hen eggs - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3f WHO-PCDD/F-TEQ	6	6	100,0	0	0,0	0,38283	0,37700	0,40900	0,42900	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	6	6	100,0	0	0,0	0,51067	0,52100	0,57050	0,60400	pg/g fat
B3f 2,4,4'-TriBDE	6	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	6	0	0,0	0	0,0	0,00260	n.d.	n.d.	0,00260	ng/g
B3f 2,2',4,4',5-PentaBDE	6	0	0,0	0	0,0	0,00380	n.d.	n.d.	0,00380	ng/g
B3f 2,2',4,4',6-PentaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',4,4',5,5'-HexaBDE	6	0	0,0	0	0,0	0,00465	n.d.	n.d.	0,00465	ng/g
B3f 2,2',4,4',5,6'-HexaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g
B3f 2,2',3,4,4',5,6'-HeptaBDE	6	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	ng/g

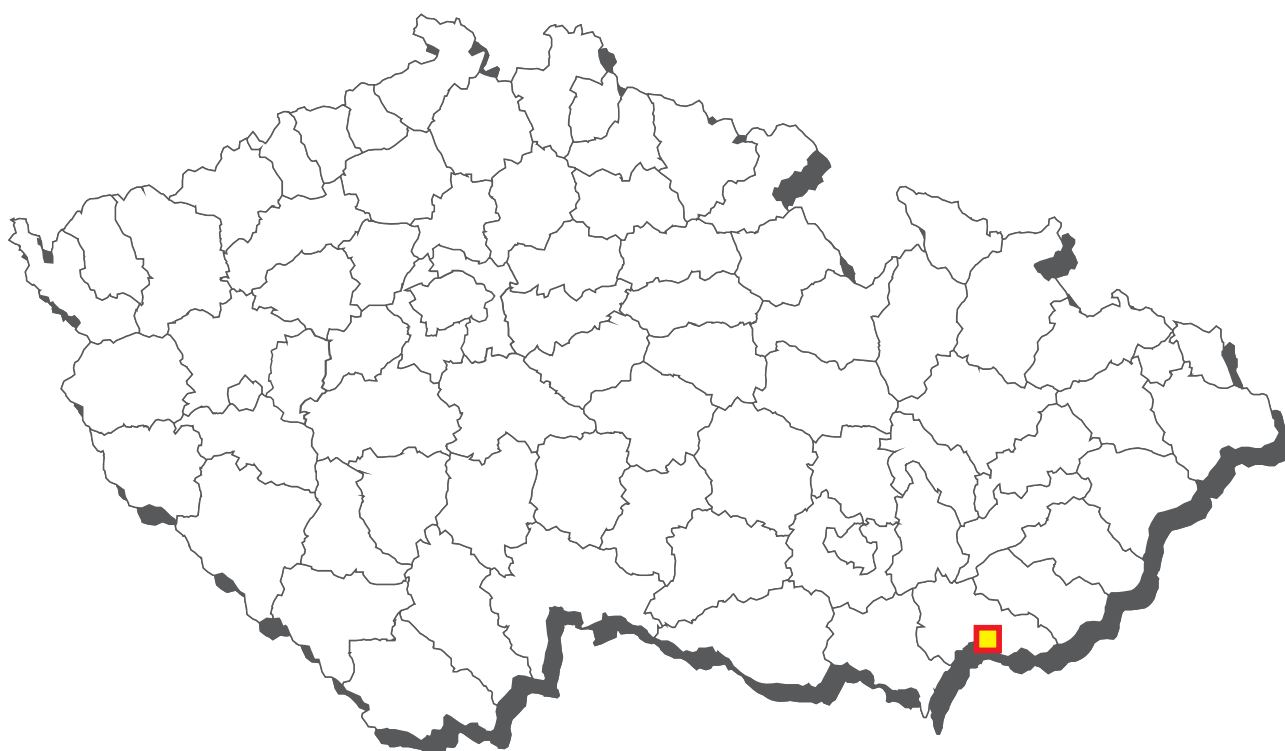
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a fenbendazole	MRL - 1300 µg/kg	5	0	0	0	0	0
B2b decoquat	ML - 20 µg/kg	26	0	0	0	0	0
B2b halofuginone	ML - 6 µg/kg	26	0	0	0	0	0
B2b lasalocid	MRL - 150 µg/kg	25	0	0	0	0	1
B2b maduramicin	ML - 12 µg/kg	26	0	0	0	0	0
B2b monensin	ML - 2 µg/kg	0	26	0	0	0	0
B2b narasin	ML - 2 µg/kg	0	26	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	26	0	0	0	0	0
B2b robenidin	ML - 25 µg/kg	26	0	0	0	0	0
B2b salinomycin	ML - 3 µg/kg	26	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	26	0	0	0	0
B3a aldrin, dieldrin (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 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
B3a sum PCB	ML - 40 ng/g fat	59	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	6	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 5 pg/g fat	6	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
lasalocid			
26.8.2016	Hradec Králové	Jiří Kadeřávek	2045 µg/kg

CL 2016 - sampling of quail's eggs



Quail's eggs - non-compliant results 2016



 monensin

quail 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.	kvalit	
B1 macrolides	3	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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 sulfaundexine	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.	kvalit	
B2b decoquinat	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b diclazuril	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	2	1	50,0	0	0,0	2,45000	2,45000	3,61000	3,90000	µg/kg
B2b maduramicin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	2	1	50,0	1	50,0	13,35000	13,35000	23,23000	25,70000	µg/kg
B2b narasin	2	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b nicarbazin	2	1	50,0	0	0,0	6,45000	6,45000	10,81000	11,90000	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 hexachlorbenzen	3	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	3	0	0,0	0	0,0	0,00037	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	3	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	ML - 20 µg/kg	2	0	0	0	0	0
B2b halofuginone	ML - 6 µg/kg	2	0	0	0	0	0
B2b lasalocid	MRL - 150 µg/kg	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	1	0	0	0	1
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

sampling date	cadastral dis. (sampling)	origin	value
monensin			
8.8.2016	Hodonín	PETR SUCHÁNEK	25,7 µg/kg

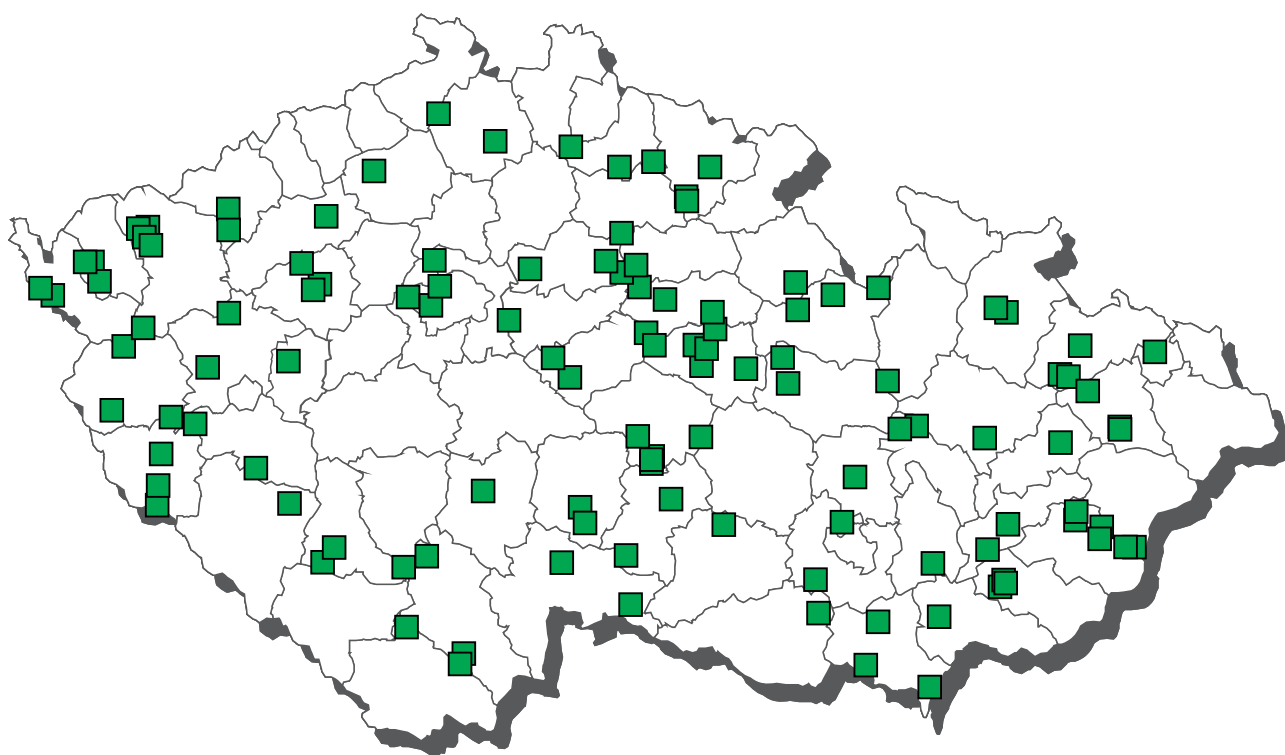
quail eggs - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	1	100,0	1	100,0	3,20000	3,20000	3,20000	3,20000	µg/kg
B2b nicarbazin	1	1	100,0	0	0,0	131,30000	131,30000	131,30000	131,30000	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

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	ML - 20 µg/kg	1	0	0	0	0	0
B2b halofuginone	ML - 6 µg/kg	1	0	0	0	0	0
B2b lasalocid	MRL - 150 µg/kg	1	0	0	0	0	0
B2b maduramicin	ML - 12 µg/kg	1	0	0	0	0	0
B2b monensin	ML - 2 µg/kg	0	1	0	0	0	0
B2b narasin	ML - 2 µg/kg	0	0	0	0	1	0
B2b nicarbazin	ML - 300 µg/kg	1	0	0	0	0	0
B2b robenidin	ML - 25 µg/kg	1	0	0	0	0	0
B2b salinomycin	ML - 3 µg/kg	1	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	1	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
narasin			
26.8.2016	Hodonín	Hodonín	3,2 µg/kg

CL 2016 - sampling of honey



honey - monitoring

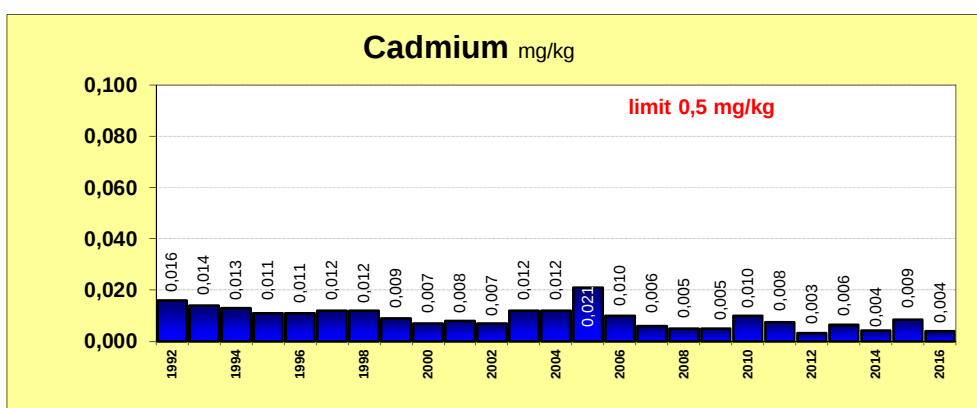
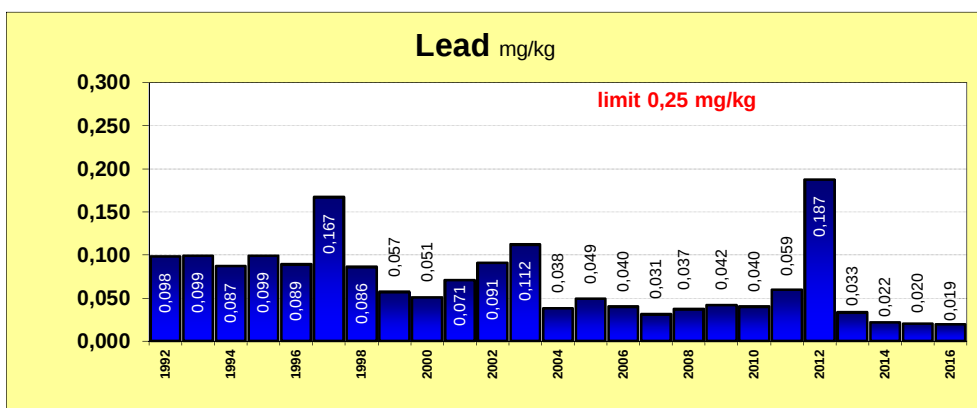
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A6 AHD	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 AMOZ	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 AOZ	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 carnidazol	6	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
A6 dimetridazole	6	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6 HMMNI	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 chloramphenicol	6	0	0,0	0	0,0	0,03000	n.d.	n.d.	0,03000	µg/kg
A6 ipronidazole-OH	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6 ipronidazole	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A6 MNZOH	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 metronidazole	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 ornidazol	6	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A6 ronidazole	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 secnidazol	6	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	0,45000	n.d.	n.d.	0,45000	µg/kg
A6 ternidazol	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 tinidazol	6	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/kg
B1 betalactams	44	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 difloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 enrofloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 flumequine	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 lomefloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 macrolides	44	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 nalidixic acid	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 norfloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 ofloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 orbifloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 oxolinic acid	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 pefloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 sarafloxacin	15	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B1 streptomycines	44	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sulfonamides	44	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	44	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2c lambda-cyhalothrin	12	0	0,0	0	0,0	0,00083	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	12	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	12	0	0,0	0	0,0	0,00146	n.d.	n.d.	0,00250	mg/kg
B2c tau-fluvalinat	16	0	0,0	0	0,0	0,00434	n.d.	n.d.	0,00500	mg/kg
B2c permethrin	12	0	0,0	0	0,0	0,00302	n.d.	n.d.	0,00500	mg/kg
B2c cis-permethrin	12	0	0,0	0	0,0	0,00302	n.d.	n.d.	0,00500	mg/kg
B2c trans-permethrin	12	0	0,0	0	0,0	0,00302	n.d.	n.d.	0,00500	mg/kg
B2f amitraz	6	1	16,7	0	0,0	10,96500	n.d.	20,00000	20,00000	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	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	18	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a endrin	18	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	18	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	18	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	18	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a alfa-, beta-HCH (sum)	2	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	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	1	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	17	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	0,00168	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	0,00168	n.d.	n.d.	0,00200	mg/kg
B3c cadmium	17	4	23,5	0	0,0	0,00397	n.d.	0,00900	0,01000	mg/kg
B3c lead	17	2	11,8	0	0,0	0,01924	n.d.	0,03180	0,05000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c cypermethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c deltamethrin	MRL - 0,03 mg/kg	12	0	0	0	0	0
B2f amitraz	MRL - 200 µg/kg	6	0	0	0	0	0
B3a aldrin, dieldrin (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

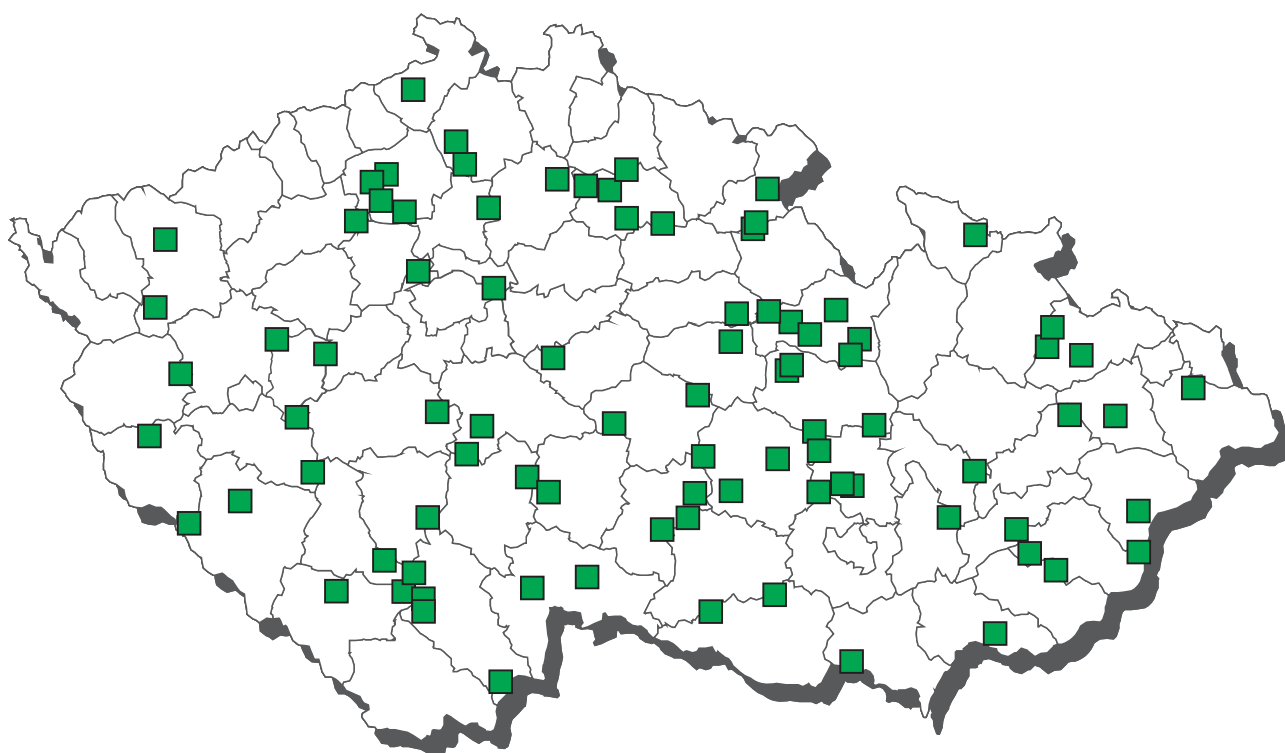
honey - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
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	17	0	0	0	0	0
B3b diazinone	MRL - 0,01 mg/kg	17	0	0	0	0	0
B3b phorate	MRL - 0,01 mg/kg	17	0	0	0	0	0
B3c cadmium	AL - 0,5 mg/kg	17	0	0	0	0	0
B3c lead	AL - 0,25 mg/kg	17	0	0	0	0	0

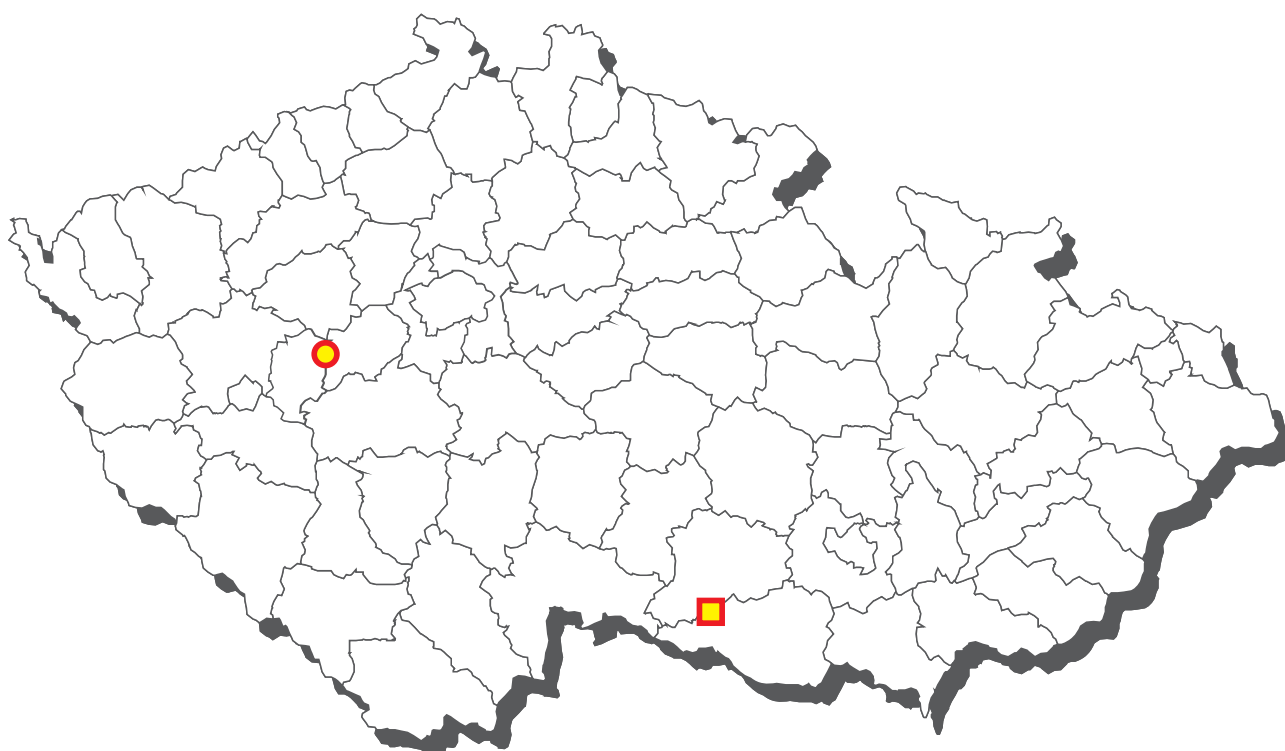
The average content of contaminants in honey



CL 2016 - sampling of calves



Calves - non-compliant results 2016



- sulfadiazine - muscle, liver, kidney
- mercury - kidney

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	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	15	0	0,0	0	0,0	10,33333	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	15	0	0,0	0	0,0	10,33333	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	15	0	0,0	0	0,0	10,33333	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	15	0	0,0	0	0,0	10,33333	n.d.	n.d.	25,00000	µg/kg
B1 gentamycin, neomycin	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	15	0	0,0	0	0,0	10,33333	n.d.	n.d.	25,00000	µg/kg
B1 oxolinic acid	15	0	0,0	0	0,0	10,33333	n.d.	n.d.	25,00000	µg/kg
B1 sulfachlorpyridazine	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimidine	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimethoxine	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfaundexine	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfamerazine	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxydiazine	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfaquinoxaline	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfathiazole	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxazole	16	0	0,0	0	0,0	14,37500	n.d.	n.d.	15,00000	µg/kg
B1 sulfadiazine	16	1	6,3	1	6,3	60,18750	n.d.	187,50000	393,00000	µg/kg
B1 spectinomycin	5	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1 streptomycines	15	0	0,0	0	0,0	11,50000	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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 lambda-cyhalothrin	3	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	3	0	0,0	0	0,0	0,00217	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c methomyl	3	0	0,0	0	0,0	0,00233	n.d.	n.d.	0,00500	mg/kg
B2c permethrin	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c 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	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	2	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	5	0	0,0	0	0,0	1,50000	n.d.	n.d.	2,50000	µg/kg
B2e vedaprofen	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (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	1	25,0	0	0,0	0,00061	n.d.	0,00106	0,00130	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

calves - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a hexachlorbenzen	4	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	4	0	0,0	0	0,0	0,00033	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	4	0	0,0	0	0,0	0,00021	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	4	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c arsenic	7	0	0,0	0	0,0	0,00321	n.d.	n.d.	0,00500	mg/kg
B3c cadmium	7	0	0,0	0	0,0	0,00207	n.d.	n.d.	0,00250	mg/kg
B3c mercury	7	5	71,4	0	0,0	0,00086	0,00060	0,00168	0,00270	mg/kg
B3c lead	7	1	14,3	0	0,0	0,00571	n.d.	0,00700	0,01000	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	16	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfaundersine	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	16	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	15	0	0	0	0	1
B2a oxfendazole	MRL - 50 µg/kg	2	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	3	0	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	3	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	3	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	3	0	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	3	0	0	0	0	0
B2e carprofen	MRL - 500 µg/kg	5	0	0	0	0	0
B2e diclofenac	MRL - 5 µg/kg	4	1	0	0	0	0
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	2	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	7	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	7	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	7	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	7	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
sulfadiazine			
31.8.2016	Žďár nad Sázavou	AGRODRUŽSTVO BLÍŽKO	360 µg/kg

calves - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 brombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenecyclohexerol	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	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	15	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of ihibitory substances	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sulfachlorpyridazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfadimidine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfadimethoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfaundexine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfamerazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfamethoxydiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfaquinoxaline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfathiazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfamethoxazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfadiazine	1	1	100,0	1	100,0	428,00000	428,00000	428,00000	428,00000	µg/kg
B1 streptomycines	15	0	0,0	0	0,0	11,50000	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	3	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a 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 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	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	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b narasin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b nicarbazin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b robenidin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	3	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c cadmium	7	7	100,0	0	0,0	0,03057	0,02400	0,05260	0,08200	mg/kg
B3c mercury	7	7	100,0	0	0,0	0,00600	0,00280	0,01412	0,02000	mg/kg
B3c lead	7	6	85,7	0	0,0	0,02900	0,02100	0,05280	0,05700	mg/kg

calves - liver - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 sulfadiazine	MRL - 100 µg/kg	0	0	0	0	0	1
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 nicarbazine	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	3	0	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	4	1	0	1	0	1
B3c lead	ML - 0,5 mg/kg	7	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
sulfadiazine			
31.8.2016	Žďár nad Sázavou	AGRODRUŽSTVO BLÍŽKO	428 µg/kg

calves - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of inhibitory substances	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sulfachlorpyridazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfadimidine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfadimethoxine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfaundexine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfamerazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfamethoxydiazine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfaquinoxaline	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfathiazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfamethoxazole	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfadiazine	1	1	100,0	1	100,0	679,00000	679,00000	679,00000	679,00000	µg/kg
B1 tetracyclines	16	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	7	100,0	0	0,0	0,08871	0,09400	0,12960	0,14400	mg/kg
B3c mercury	7	7	100,0	1	14,3	0,00816	0,00220	0,02008	0,04000	mg/kg
B3c lead	7	6	85,7	0	0,0	0,03829	0,03000	0,07580	0,11000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 sulfadiazine	MRL - 100 µg/kg	0	0	0	0	0	1
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	6	0	0	0	0	1
B3c lead	ML - 0,5 mg/kg	7	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
sulfadiazine			
31.8.2016	Žďár nad Sázavou	AGRODRUŽSTVO BLÍŽKO	679 µg/kg
mercury			
30.3.2016	Příbram	ZBIROŽSKÁ a.s.	0,04 mg/kg

calves - fat - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3	17-alfa-acetoxypregesterone	2	0	0,0	0	0,0	0,75000	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

calves - urine - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1	diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1	dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1	hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2	tapazole	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2	thiouracil	3	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2	methylthiouracil	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2	propylthiouracil	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3	beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3	betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-beta-boldenone	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	chlortestosterone	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	dexametazon	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3	ethinylestradiol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3	fluocinolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	methylboldenone	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3	methylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3	methyltestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	17-alfa-19-nortestosterone	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	17-beta-19-nortestosterone	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3	norclostebol	7	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3	prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3	prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3	16-beta-hydroxy-stanozolol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	stanazolol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3	17-alfa-trenbolonee	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3	17-beta-trenbolonee	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3	triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4	alfa-zearalenol	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,25000	µg/l
A4	beta-zearalenol	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,25000	µg/l
A4	taleralanol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4	zearalenone	4	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,35000	µg/l
A4	zearalanon	4	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,25000	µg/l
A4	zeranol	4	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,20000	µg/l
A5	brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5	carbaterol	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	oriprenalin (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

calves - urine - monitoring - (continuation)

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

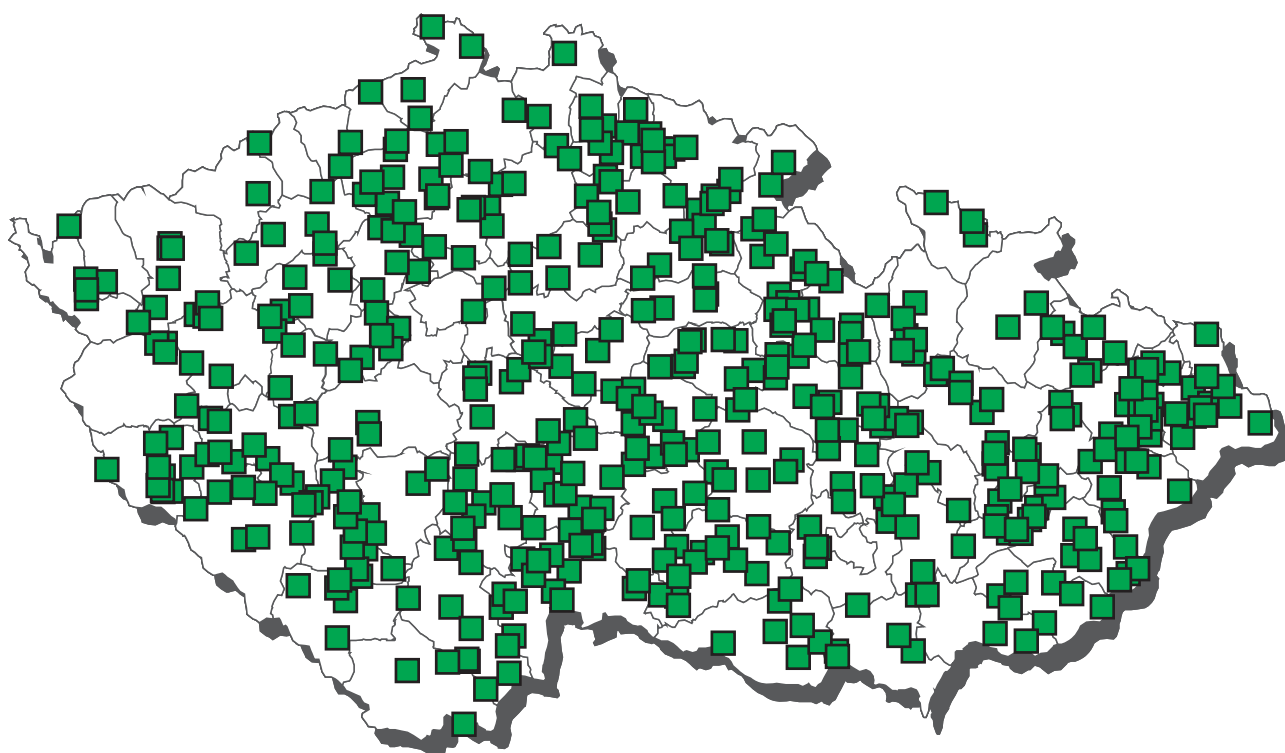
calves - serum - monitoring

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

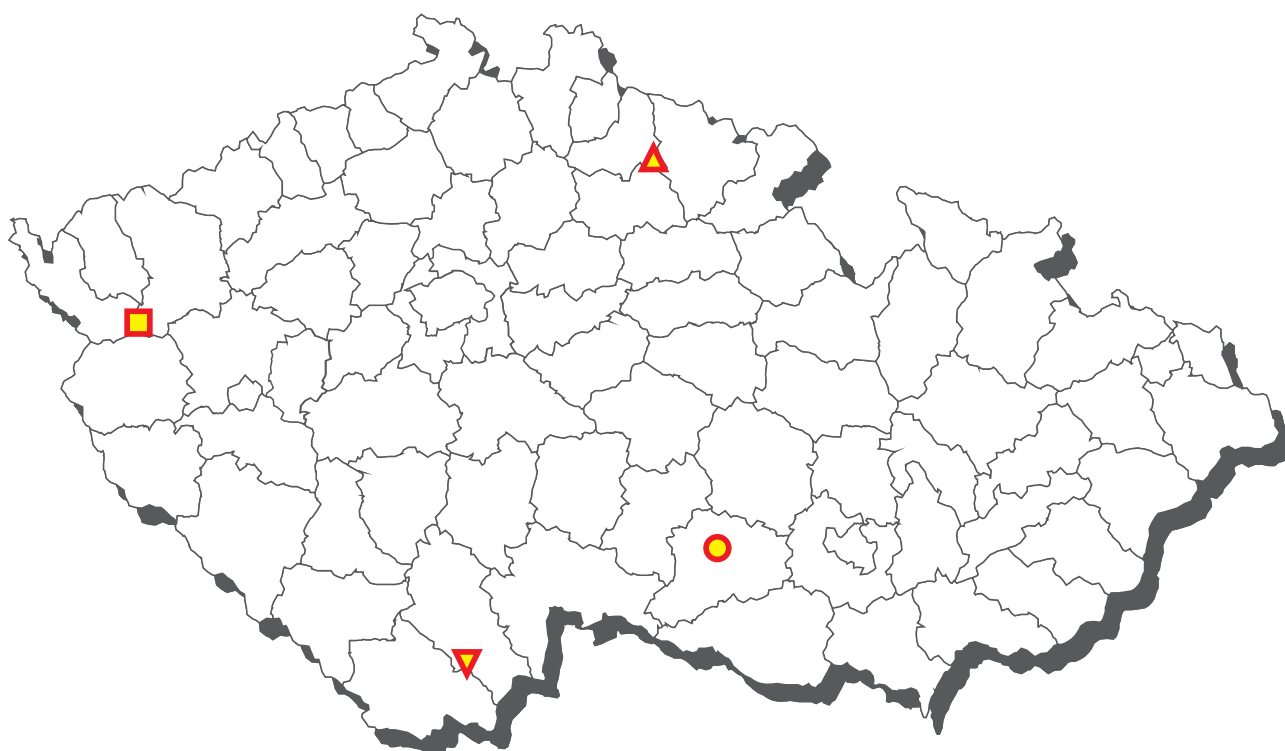
calves - fur - monitoring

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

CL 2016 - sampling of young bovine



Young bovine - non-compliant results 2016



- xylazine - kidney
- mercury - kidney

- ▼ 17-alfa-19-nortestosterone - urine
- ▲ 17-alfa-19-nortestosterone - serum

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 betalactams	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	84	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	84	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	84	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	84	0	0,0	0	0,0	12,20238	n.d.	n.d.	50,00000	µg/kg
B1 gentamycin, neomycin	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	84	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1 oxolinic acid	84	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
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 sulfaundexine	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	37	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	11,66667	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a albendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a fenbendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a levamisole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a mebendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a oxfendazole	9	0	0,0	0	0,0	12,63889	n.d.	n.d.	25,00000	µg/kg
B2a radoxanid	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 tricloabendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c aldicarb	15	0	0,0	0	0,0	0,00247	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	15	0	0,0	0	0,0	0,00447	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	15	0	0,0	0	0,0	0,00099	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	15	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	15	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	15	0	0,0	0	0,0	0,00580	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	15	0	0,0	0	0,0	0,00447	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	15	0	0,0	0	0,0	0,00373	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	15	0	0,0	0	0,0	0,00447	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e diclofenac	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e flufenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

young bovine animals - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e meloxicam	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	13	0	0,0	0	0,0	1,73077	n.d.	n.d.	2,50000	µg/kg
B2e vedaprofen	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (suma)	76	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	76	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	76	26	34,2	0	0,0	0,00106	n.d.	0,00222	0,01139	mg/kg
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	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	76	4	5,3	0	0,0	0,00033	n.d.	n.d.	0,00185	mg/kg
B3a heptachlor	76	0	0,0	0	0,0	0,00040	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	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	76	0	0,0	0	0,0	0,00030	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	7	1	14,3	0	0,0	0,40469	n.d.	0,59312	1,03280	ng/g
B3a sum PCB	75	12	16,0	0	0,0	7,76527	n.d.	20,72560	52,90700	ng/g fat
B3c arsenic	15	1	6,7	0	0,0	0,00447	n.d.	n.d.	0,01200	mg/kg
B3c cadmium	15	0	0,0	0	0,0	0,00170	n.d.	n.d.	0,00250	mg/kg
B3c mercury	15	4	26,7	0	0,0	0,00051	n.d.	0,00074	0,00130	mg/kg
B3c lead	15	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3f WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,01630	0,01630	0,01630	0,01630	pg/g
B3f WHO-PCDD/F-TEQ	5	5	100,0	0	0,0	0,49960	0,42300	0,66840	0,80400	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,01750	0,01750	0,01750	0,01750	pg/g
B3f WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	1,88800	1,24000	3,21400	4,23000	pg/g fat
B3f 2,4,4'-TriBDE	6	0	0,0	0	0,0	0,00305	n.d.	n.d.	0,00305	ng/g
B3f 2,2',4,4'-TetraBDE	6	4	66,7	0	0,0	0,00848	0,00885	0,01400	0,01500	ng/g
B3f 2,2',4,4',5-PentaBDE	6	2	33,3	0	0,0	0,00557	n.d.	0,00910	0,00920	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%
B1 danofloxacin	MRL - 200 µg/kg	84	0	0	0	0	0
B1 difloxacin	MRL - 400 µg/kg	84	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	84	0	0	0	0	0
B1 flumequine	MRL - 200 µg/kg	84	0	0	0	0	0
B1 marbofloxacin	MRL - 150 µg/kg	84	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfaundexine	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	84	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	84	0	0	0	0	0
B2a albendazole	MRL - 100 µg/kg	3	0	0	0	0	0
B2a fenbendazole	MRL - 50 µg/kg	3	0	0	0	0	0
B2a levamisole	MRL - 10 µg/kg	3	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	5	4	0	0	0	0
B2a rafoxanid	MRL - 30 µg/kg	3	0	0	0	0	0
B2a thiabendazole	MRL - 100 µg/kg	3	0	0	0	0	0
B2a triclabendazole	MRL - 225 µg/kg	3	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	11	4	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	15	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	15	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	15	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	11	4	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

young bovine animals - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
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 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	67	5	0	3*	0	0
B3c arsenic	AL - 0,1 mg/kg	15	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	15	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	15	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 2,5 pg/g fat	5	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 4 pg/g fat	4	0	0	1*	0	0

* conforms within the uncertainty of determination

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 clenecyclohexerol	23	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	23	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	23	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalin (metaprotenerol)	23	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	23	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	23	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	23	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	23	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1 betalactams	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	84	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of inhibitory substances	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	85	0	0,0	0	0,0	11,52941	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	

young bovine animals - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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 decoquat	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b lasalocid	15	0	0,0	0	0,0	1,80000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b narasin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b nicarbazin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b robenidin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b salinomycin	15	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b semduramicin	15	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b diazinone	11	0	0,0	0	0,0	0,00164	n.d.	n.d.	0,00200	mg/kg
B3b phorate	11	0	0,0	0	0,0	0,00195	n.d.	n.d.	0,00250	mg/kg
B3b pyrimiphosmethyl	11	0	0,0	0	0,0	0,00164	n.d.	n.d.	0,00200	mg/kg
B3c cadmium	15	15	100,0	0	0,0	0,05160	0,03900	0,07520	0,14300	mg/kg
B3c mercury	15	15	100,0	0	0,0	0,00265	0,00150	0,00576	0,01260	mg/kg
B3c lead	15	13	86,7	0	0,0	0,02053	0,02000	0,03900	0,05400	mg/kg
B3d aflatoxin B2	12	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	12	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,15000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a abamectin	MRL - 20 µg/kg	12	0	0	0	0	0
B2a 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	12	2	0	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

* conforms within the uncertainty of determination

young bovine animals - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of inhibitory substances	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	85	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	18	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	18	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	18	0	0,0	0	0,0	5,50000	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	1	5,6	1	5,6	2,94444	n.d.	n.d.	19,00000	µg/kg
B3c cadmium	15	15	100,0	0	0,0	0,20907	0,18000	0,30880	0,58300	mg/kg
B3c mercury	15	15	100,0	1	6,7	0,00805	0,00600	0,00840	0,04170	mg/kg
B3c lead	15	15	100,0	0	0,0	0,03547	0,03000	0,06160	0,08000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d carazolol	MRL - 15 µg/kg	18	0	0	0	0	0
B3c cadmium	ML - 1 mg/kg	14	1	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	4	5	5	0	0	1
B3c lead	ML - 0,5 mg/kg	15	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
xylazine			
7.4.2016	Karlovy Vary	HORSE-WAY s.r.o.	19 µg/kg
mercury			
24.5.2016	Třebíč	Družstvo vlas. půdy Ametys	0,0417 mg/kg

young bovine animals - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	19	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1 diethylstilbestrol	19	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1 dienooestrol	19	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1 hexooestrol	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	1	4,0	0	0,0	0,91600	n.d.	n.d.	6,10000	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 dexametazon	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3 ethinylestradiol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 flumetason	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3 fluocinolon	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 fluorometolon	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 methylboldenone	23	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3 metilprednisolon	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	0,53478	n.d.	n.d.	3,50000	µg/l
A3 17-beta-19-nortestosterone	23	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 norclostebol	23	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 prednisolon	4	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3 prednison	4	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3 16-beta-hydroxy-stanozolol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 stanazolol	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 17-alfa-trenbolonee	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3 17-beta-trenbolonee	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 triamcinolone	4	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4 alfa-zearalenol	17	0	0,0	0	0,0	0,23235	n.d.	n.d.	0,25000	µg/l
A4 beta-zearalenol	17	0	0,0	0	0,0	0,23235	n.d.	n.d.	0,25000	µg/l
A4 taleranol	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

young bovine animals - urine - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A4 zearalenone	17	0	0,0	0	0,0	0,31471	n.d.	n.d.	0,35000	µg/l
A4 zearalanon	17	0	0,0	0	0,0	0,23235	n.d.	n.d.	0,25000	µg/l
A4 zeranol	17	0	0,0	0	0,0	0,18235	n.d.	n.d.	0,20000	µg/l
A5 brombuterol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 carbuterol	16	0	0,0	0	0,0	0,05000	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 clenclohexerol	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	0,03054	n.d.	n.d.	0,05000	µg/l

sampling date	cadastral dis. (sampling)	origin	value
17-alfa-19-nortestosterone			
5.4.2016	Český Krumlov	Zem. družstvo Ločenice	3,5 µg/l

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	13	52,0	1	4,0	1,46480	0,30000	5,36000	6,70000	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

sampling date	cadastral dis. (sampling)	origin	value
17-beta-testosterone			
24.3.2016	Semily	ZETKA Strážník a.s.	1 µg/l

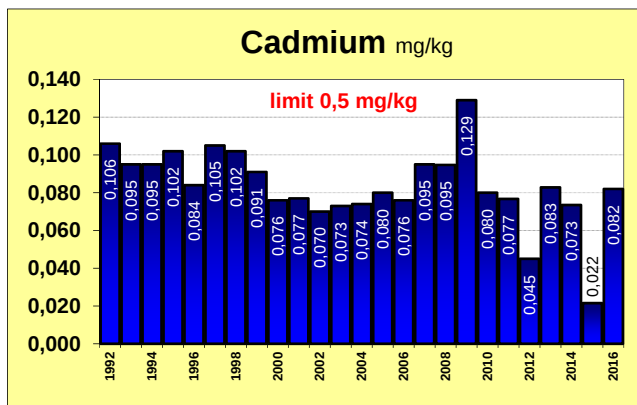
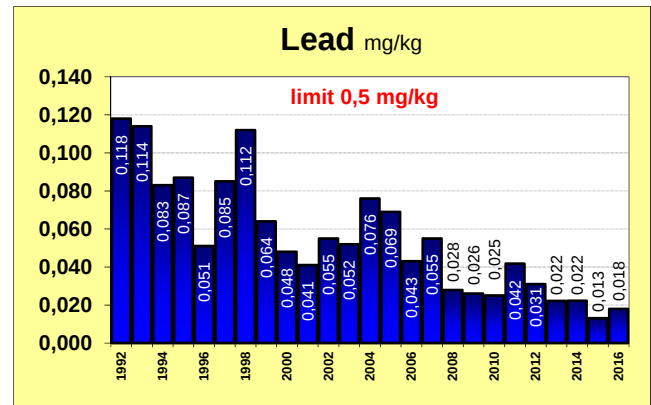
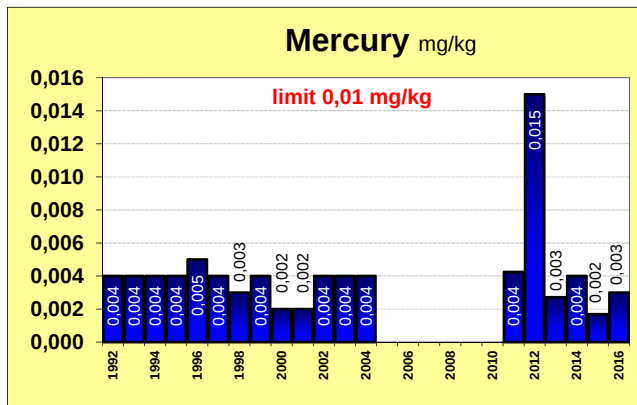
young bovine animals - fur - monitoring

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

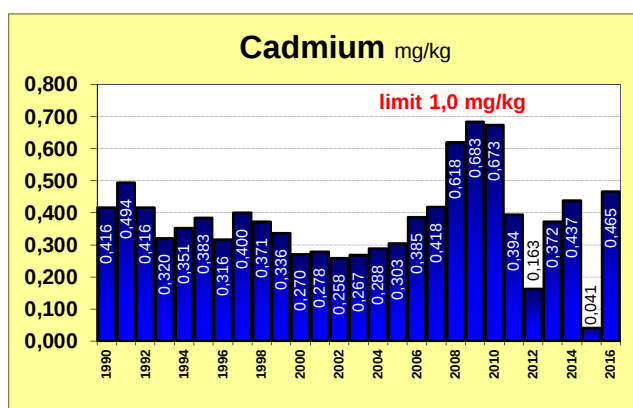
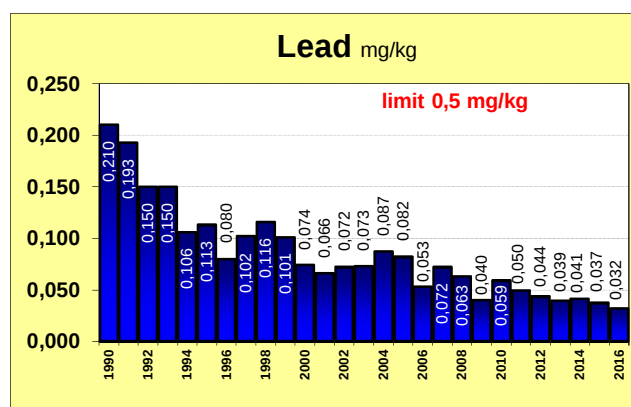
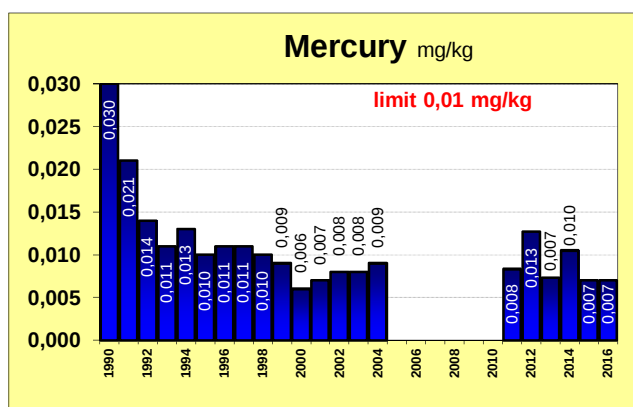
young bovine animals - kidney fat - monitoring

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

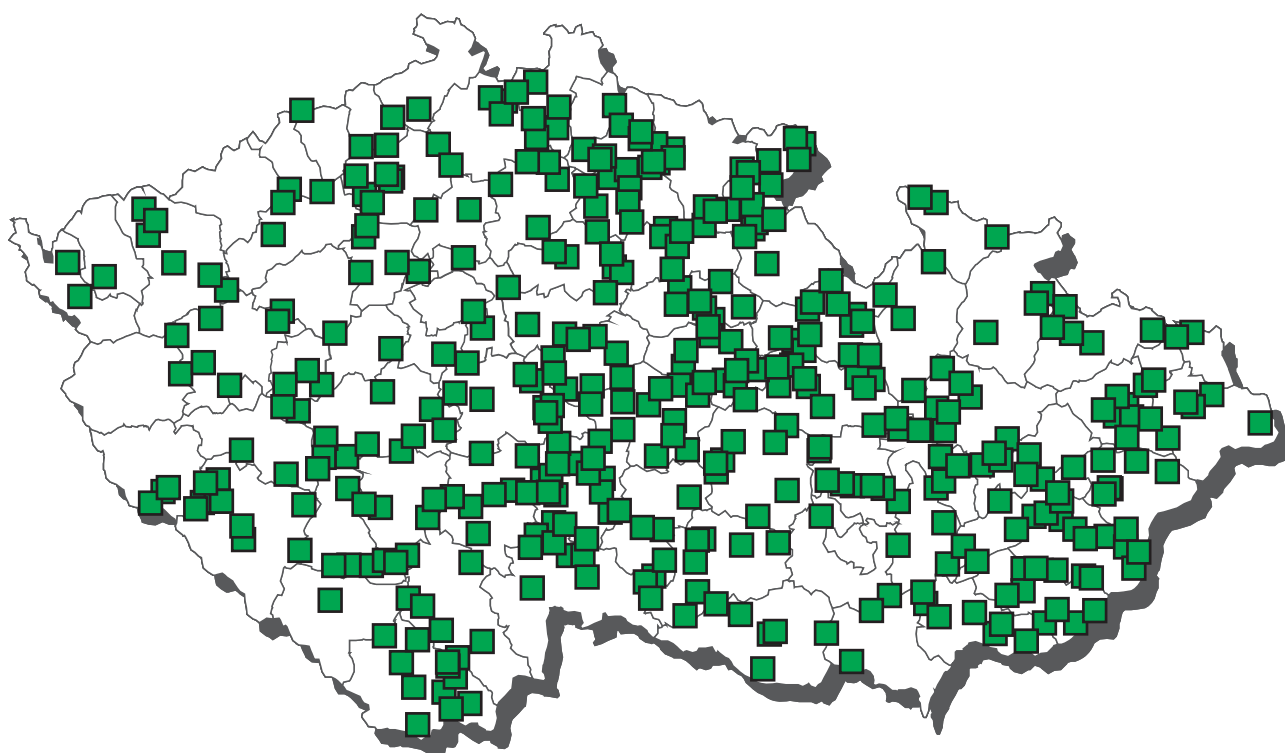
The average content of contaminants in the liver of bovine



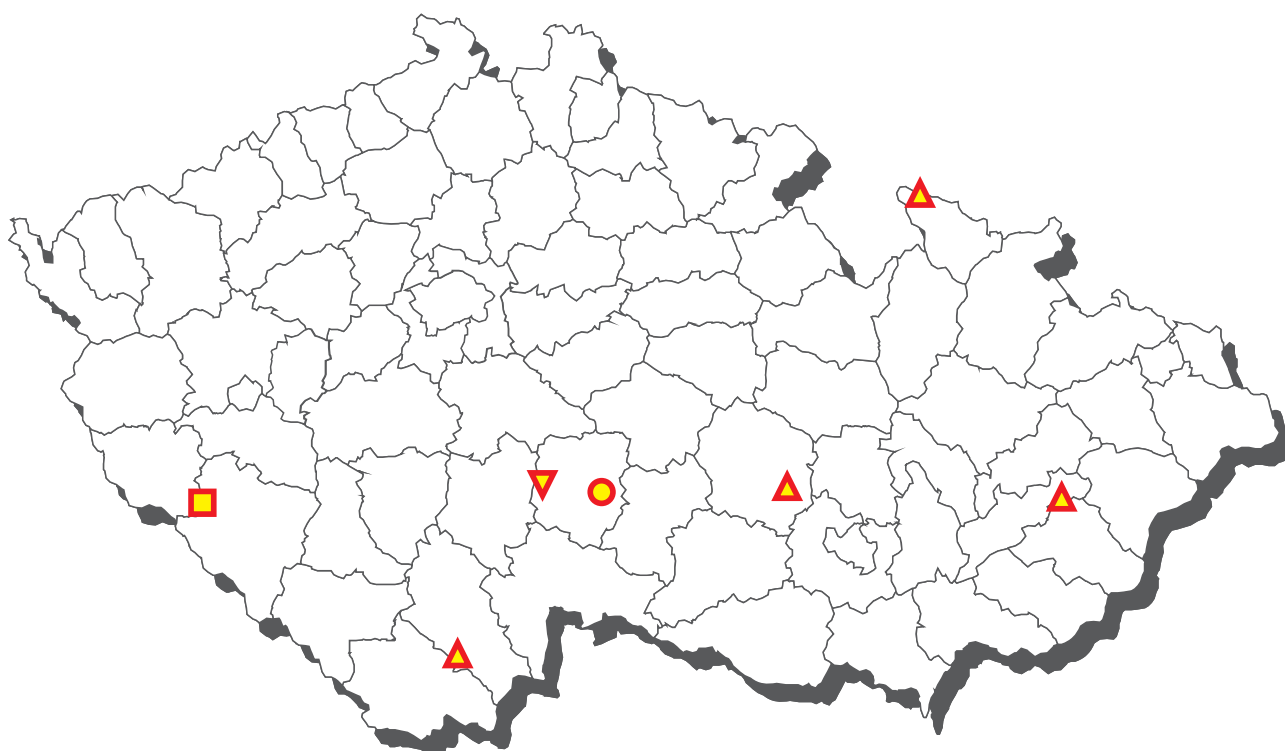
The average content of contaminants in the kidneys of bovine



CL 2016 - sampling of cows



Cows - non-compliant results 2016



■ PCB - suma - muscle

● marbofloxacin - kidney

▼ 17-alfa-19-nortestosterone - urine

▲ cadmium - kidney

cows - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-beta-boldenone	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3 chlortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3 methylboldenone	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3 methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 17-alfa-19-nortestosterone	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3 17-beta-19-nortestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3 norclostebol	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 AHD	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 AMOZ	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 AOZ	7	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 carnidazol	16	0	0,0	0	0,0	0,90000	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	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	81	0	0,0	0	0,0	11,41975	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	81	0	0,0	0	0,0	7,34568	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	81	0	0,0	0	0,0	11,17284	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	81	0	0,0	0	0,0	12,65432	n.d.	n.d.	50,00000	µg/kg
B1 gentamycin, neomycin	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 macrolides	82	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	81	1	1,2	0	0,0	12,11975	n.d.	n.d.	61,70000	µg/kg
B1 nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	81	0	0,0	0	0,0	6,23457	n.d.	n.d.	25,00000	µg/kg
B1 pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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 sulfaundexine	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	29	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1 streptomycines	81	0	0,0	0	0,0	11,57407	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a albendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a fenbendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a levamisole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a mebendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a oxfendazole	9	0	0,0	0	0,0	10,41667	n.d.	n.d.	25,00000	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	12	0	0,0	0	0,0	0,00238	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	12	0	0,0	0	0,0	0,00425	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	12	0	0,0	0	0,0	0,00103	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	12	0	0,0	0	0,0	0,00175	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	12	0	0,0	0	0,0	0,00173	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	12	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	12	0	0,0	0	0,0	0,00425	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	12	0	0,0	0	0,0	0,00381	n.d.	n.d.	0,00500	mg/kg

cows - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2c propoxur	12	0	0,0	0	0,0	0,00425	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e diclofenac	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e flufenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	4	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	15	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	15	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2e vedaprofen	15	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (suma)	34	0	0,0	0	0,0	0,00029	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	9	26,5	0	0,0	0,00127	n.d.	0,00360	0,00990	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	1	2,9	0	0,0	0,00031	n.d.	n.d.	0,00156	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	0,00028	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	34	0	0,0	0	0,0	0,00029	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	34	0	0,0	0	0,0	0,00029	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	31	3	9,7	1	3,2	8,00284	n.d.	n.d.	84,00000	ng/g fat
B3c arsenic	27	3	11,1	0	0,0	0,00398	n.d.	0,00620	0,00900	mg/kg
B3c cadmium	27	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c mercury	27	9	33,3	0	0,0	0,00050	n.d.	0,00094	0,00140	mg/kg
B3c lead	27	1	3,7	0	0,0	0,00519	n.d.	n.d.	0,01000	mg/kg

analyte	hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
B1 danofloxacin	MRL - 200 µg/kg	81	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	81	0	0	0	0	0
B1 flumequine	MRL - 200 µg/kg	81	0	0	0	0	0
B1 marbofloxacin	MRL - 150 µg/kg	81	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfaundersoxine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	81	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	81	0	0	0	0	0
B2a albendazole	MRL - 100 µg/kg	3	0	0	0	0	0
B2a fenbendazole	MRL - 50 µg/kg	3	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	6	3	0	0	0	0
B2a rafoxanid	MRL text - 30 µg/kg	3	0	0	0	0	0
B2a thiabendazole	MRL - 100 µg/kg	3	0	0	0	0	0
B2a triclabendazole	MRL - 225 µg/kg	3	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	9	3	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	12	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	12	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	9	3	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	12	0	0	0	0	0

cows - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c propoxur	MRL - 0,05 mg/kg	12	0	0	0	0	0
B2e carprofen	MRL - 500 µg/kg	15	0	0	0	0	0
B2e diclofenac	MRL - 5 µg/kg	9	6	0	0	0	0
B2e flunixin	MRL - 20 µg/kg	15	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	15	0	0	0	0	0
B2e tolfenamic acid	MRL - 50 µg/kg	15	0	0	0	0	0
B3a aldrin, dieldrin (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	28	2	0	0	0	1
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

sampling date	cadastral dis. (sampling)	origin	value
sum PCB			
28.7.2016	Klatovy	Agrospolečnost Koryta s.r.o	84 ng/g fat

cows - muscle - targeted testing

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a PCB 28	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	ng/g fat
B3a PCB 52	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	ng/g fat
B3a PCB 101	5	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	ng/g fat
B3a PCB 138	5	3	60,0	0	0,0	38,20000	14,00000	96,00000	130,00000	ng/g fat
B3a PCB 153	5	3	60,0	0	0,0	56,80000	11,00000	150,00000	208,00000	ng/g fat
B3a PCB 180	5	3	60,0	0	0,0	33,40000	6,00000	90,40000	132,00000	ng/g fat
B3a sum PCB	5	3	60,0	2	40,0	131,60000	35,00000	340,40000	474,00000	ng/g fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	ML - 40 ng/g fat	2	0	1	0	0	2

sampling date	cadastral dis. (sampling)	origin	value
sum PCB			
26.10.2016	Klatovy	Klatovy	474 ng/g fat
26.10.2016	Klatovy	Klatovy	140 ng/g fat

PCB further investigation findings in Agrospolečnost Koryta s.r.o.

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 dienolestrol	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 clenyclohexerol	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.	kvalit	
B1 danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 difloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 gentamycin, neomycin	81	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 macrolides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	1	1	100,0	0	0,0	85,50000	85,50000	85,50000	85,50000	µg/kg
B1 nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 residues of ihibitory substances	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 streptomycines	81	0	0,0	0	0,0	11,57407	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	6	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a 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	5	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	0,00167	n.d.	n.d.	0,00200	mg/kg
B3b phorate	9	0	0,0	0	0,0	0,00194	n.d.	n.d.	0,00250	mg/kg
B3b pyrimiphosmethyl	9	0	0,0	0	0,0	0,00167	n.d.	n.d.	0,00200	mg/kg

cows - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c cadmium	27	27	100,0	0	0,0	0,11152	0,09200	0,18820	0,37900	mg/kg
B3c mercury	27	26	96,3	0	0,0	0,00228	0,00140	0,00434	0,01000	mg/kg
B3c lead	27	15	55,6	0	0,0	0,01419	0,01000	0,03240	0,06000	mg/kg
B3d aflatoxin B2	12	0	0,0	0	0,0	0,04792	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	12	0	0,0	0	0,0	0,10208	n.d.	n.d.	0,15000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 marbofloxacin	MRL - 150 µg/kg	0	1	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	0	1	0	0	0
B3c mercury	MRL - 0,01 mg/kg	24	2	0	1	0	0
B3c lead	ML - 0,5 mg/kg	27	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	12	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	12	0	0	0	0	0

cows - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 difloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 marbofloxacin	1	1	100,0	1	100,0	218,00000	218,00000	218,00000	218,00000	µg/kg
B1 nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 residues of ihibitory substances	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 tetracyclines	83	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	0,70526	0,54800	1,25800	2,78000	mg/kg
B3c mercury	27	27	100,0	0	0,0	0,00553	0,00520	0,00944	0,01330	mg/kg
B3c lead	27	24	88,9	0	0,0	0,02793	0,02000	0,05160	0,08000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 marbofloxacin	MRL - 150 µg/kg	0	0	0	1	0	0
B2d carazolol	MRL - 15 µg/kg	13	0	0	0	0	0
B3c cadmium	ML - 1 mg/kg	10	8	5	2	1	1
B3c mercury	MRL - 0,01 mg/kg	13	8	3	3*	0	0
B3c lead	ML - 0,5 mg/kg	27	0	0	0	0	0

* compliant (within expanded uncertainty of measurement)

sampling date	cadastral dis. (sampling)	origin	value
marbofloxacin *			
3.8.2016	Pelhřimov	Zem. družstvo "Údolí"	218 µg/kg
cadmium			
2.3.2016	Svitavy	S A B A S s r.o.	1,33 mg/kg
14.4.2016	Jindřichův Hradec	Zem. druž. Ločnice	1,56 mg/kg
1.8.2016	Brno-venkov	Dana Kořínková	2,78 mg/kg
17.5.2016	Opava	Alois Ondroušek	1,21 mg/kg

* confirmatory analysis by LC-MS / MS revealed the presence of marbofloxacin in muscle, liver and kidney; finding over-limit in the kidney only

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 dienolestrol	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	2	3,9	0	0,0	0,97255	n.d.	n.d.	9,00000	µg/l
A2 methylthiouracil	51	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2 propylthiouracil	51	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3 beclometason	7	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3 betametason	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 17-beta-boldenone	24	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 chlortestosterone	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 dexametazon	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3 ethinylestradiol	4	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 flumetason	7	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3 fluocinolon	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 fluorometolon	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 methylboldenone	24	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3 metylprednisolon	7	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3 methyltestosterone	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 17-alfa-19-nortestosterone	24	1	4,2	1	4,2	0,42083	n.d.	n.d.	0,90000	µg/l
A3 17-beta-19-nortestosterone	24	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 norclostebol	24	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 prednisolon	7	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3 prednison	7	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3 16-beta-hydroxy-stanozolol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 stanazolol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 17-alfa-trenbolonee	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3 17-beta-trenbolonee	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 triamcinolone	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4 alfa-zearalenol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,25000	µg/l
A4 beta-zearalenol	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,25000	µg/l
A4 taleranol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 zearalenone	18	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,35000	µg/l
A4 zearalanon	18	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,25000	µg/l
A4 zeranol	18	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,20000	µg/l
A5 brombuterol	18	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 carbuterol	18	0	0,0	0	0,0	0,05000	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 clenclorhexerol	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 sotolol	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

sampling date	cadastral dis. (sampling)	origin	value
17-alfa-19-nortestosterone			
11.2.2016	Pelhřimov	AGRIA Obrataň	0,9 µg/l

cows - fet - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxypregesterone	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

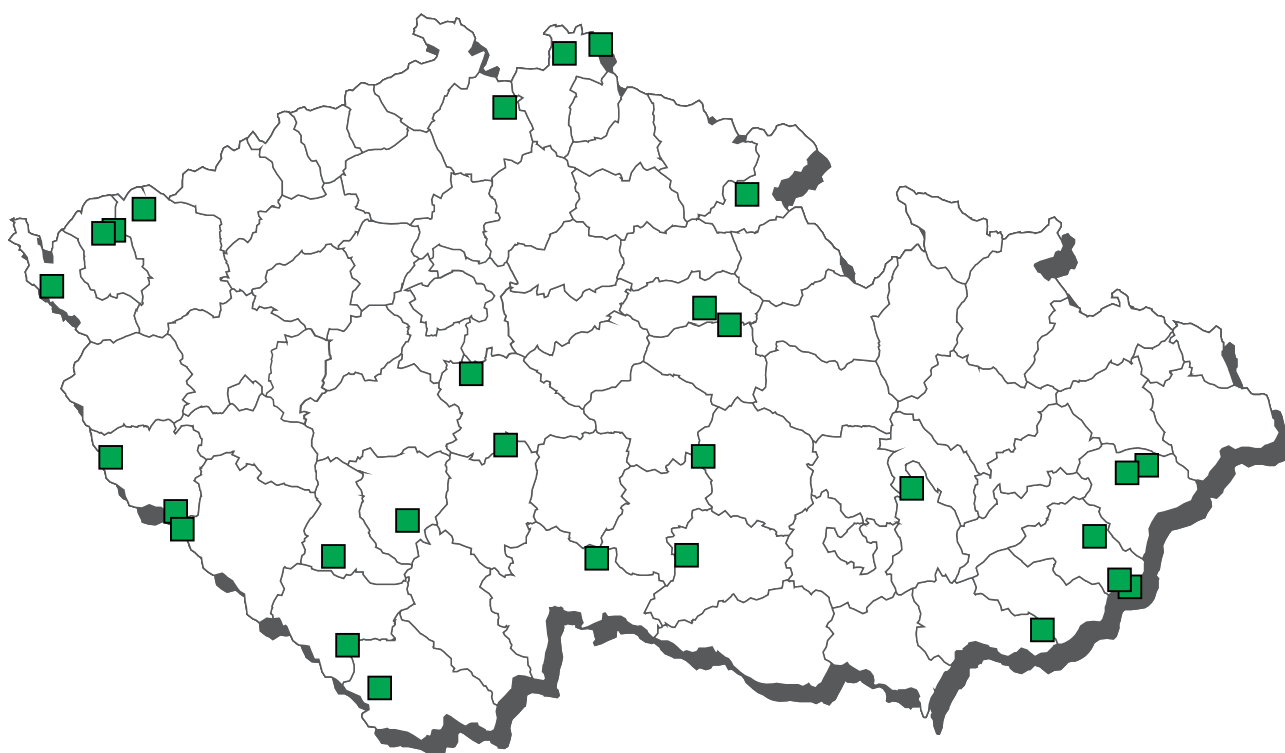
cows - serum - monitoring

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 - fur - 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 2016 - 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.	kvalit	
B1 danofloxacin	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	7	0	0,0	0	0,0	8,57143	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	7	0	0,0	0	0,0	10,71429	n.d.	n.d.	25,00000	µg/kg
B1 gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	7	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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 sulfaundexine	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.	kvalit	
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 lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
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	0,00559	0,00559	0,00594	0,00603	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	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	2	1	50,0	0	0,0	0,00314	0,00314	0,00524	0,00577	mg/kg
B3a heptachlor	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	2	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat

sheep - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	0	0,0	0	0,0	0,00040	n.d.	n.d.	0,00050	mg/kg
B3c lead	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 200 µg/kg	7	0	0	0	0	0
B1 difloxacin	MRL - 400 µg/kg	7	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	7	0	0	0	0	0
B1 flumequine	MRL - 200 µg/kg	7	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfaundexine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	7	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	7	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	1	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	1	1	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	2	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	1	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	1	0	0	0	0	0
B3a aldrin, dieldrin (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 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 clenclorhexerol	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalin (metaprotenerol)	1	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1 betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 gentamycin, neomycin	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	7	0	0,0	0	0,0	11,07143	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a 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 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 sum PCB	3	1	33,3	0	0,0	0,78240	n.d.	1,45776	1,74720	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	0,19467	0,26900	0,29220	0,29800	mg/kg
B3c mercury	3	3	100,0	0	0,0	0,01057	0,00900	0,01940	0,02000	mg/kg
B3c lead	3	3	100,0	0	0,0	0,04533	0,05000	0,05800	0,06000	mg/kg
B3d aflatoxin B2	1	0	0,0	0	0,0	0,07500	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3f WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,33100	0,32500	0,40740	0,42800	pg/g
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	1,30300	0,73500	2,39500	2,81000	pg/g
B3f OCDD	3	3	100,0	0	0,0	0,21267	0,20200	0,24200	0,25200	pg/g
B3f OCDF	3	0	0,0	0	0,0	0,09150	n.d.	n.d.	0,09150	pg/g

sheep - liver - monitoring - (continuation)

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

* compliant (within expanded uncertainty of measurement)

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.	kvalit	
B1 betalactams	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of inhibitory substances	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	7	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	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	0	0,0	0,37133	0,44000	0,60080	0,64100	mg/kg
B3c mercury	3	3	100,0	0	0,0	0,00437	0,00400	0,00640	0,00700	mg/kg
B3c lead	3	2	66,7	0	0,0	0,02300	0,02900	0,02980	0,03000	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	1	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

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

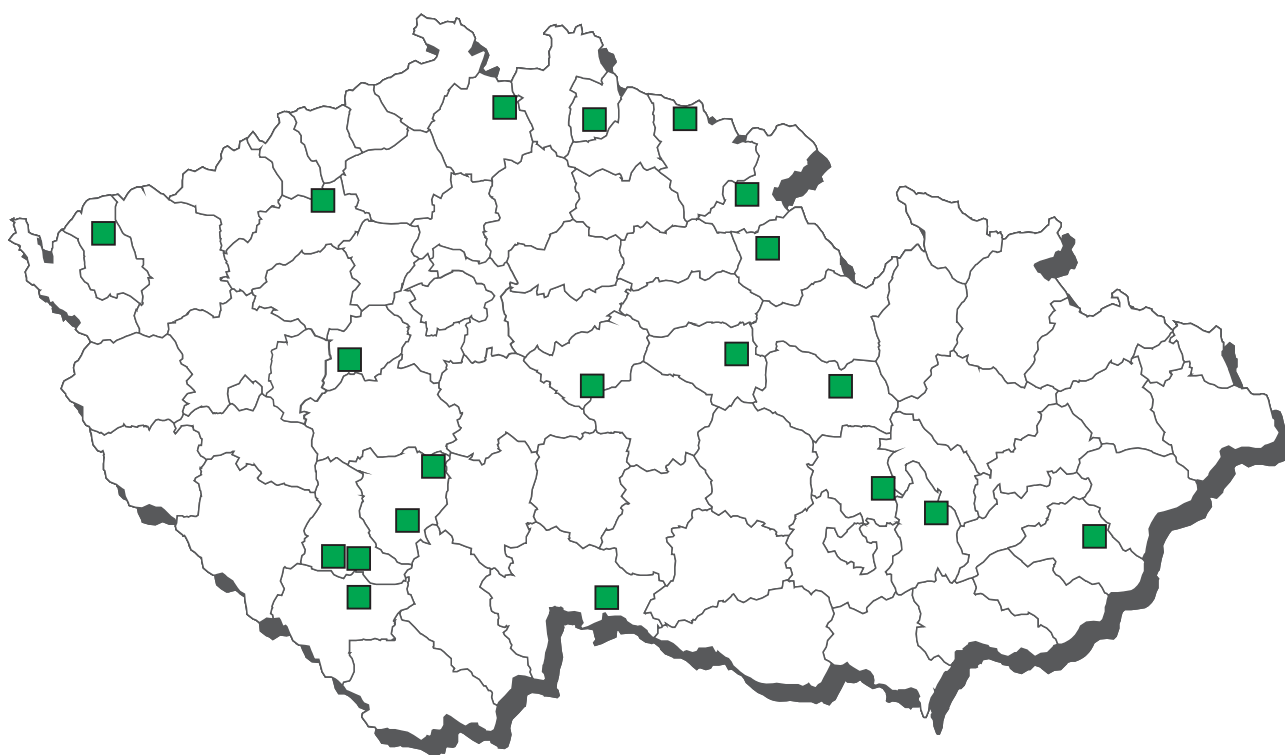
sheep - urine - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A4 alfa-zearalenol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 beta-zearalenol	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 zearalenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4 zearalanon	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 zeranol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5 brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 carbuterol	1	0	0,0	0	0,0	0,05000	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

sheep - fet - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A3 17-alfa-acetoxypregesterone	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 2016 - 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.	kvalit	
B1 danofloxacin	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	4	0	0,0	0	0,0	6,25000	n.d.	n.d.	10,00000	µg/kg
B1 enrofloxacin	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	4	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	4	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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 sulfaundexine	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	11,87500	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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
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

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 sulfaundexine	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

goats - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
B3a endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a 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.	kvalit	
B1 gentamycin, neomycin	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	4	0	0,0	0	0,0	11,87500	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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 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	0,04200	0,04200	0,04200	0,04200	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	0,06000	0,06000	0,06000	0,06000	mg/kg
B3d aflatoxin B2	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

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

goats - 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.	kvalit	
B1 betalactams	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	4	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	1	0	0,0	0	0,0	5,50000	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	0,07700	0,07700	0,07700	0,07700	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	0,05000	0,05000	0,05000	0,05000	mg/kg

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

goats - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1 dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1 hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2 tapazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2 thiouracil	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2 methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2 propylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3 beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3 betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 dexametazon	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3 ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3 fluocinolol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 fluorometolon	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 methylboldenone	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/l
A3 metylprednisolon	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A3 17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A3 norclostebol	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 prednisolon	1	0	0,0	0	0,0	1,05000	n.d.	n.d.	1,05000	µg/l
A3 prednison	1	0	0,0	0	0,0	1,15000	n.d.	n.d.	1,15000	µg/l
A3 triamcinolone	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4 alfa-zearalenol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 beta-zearalenol	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 taleranol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 zearalenone	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/l
A4 zearalanon	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/l
A4 zeranol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A5 brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 carbuterol	1	0	0,0	0	0,0	0,05000	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 clenclorhexerol	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

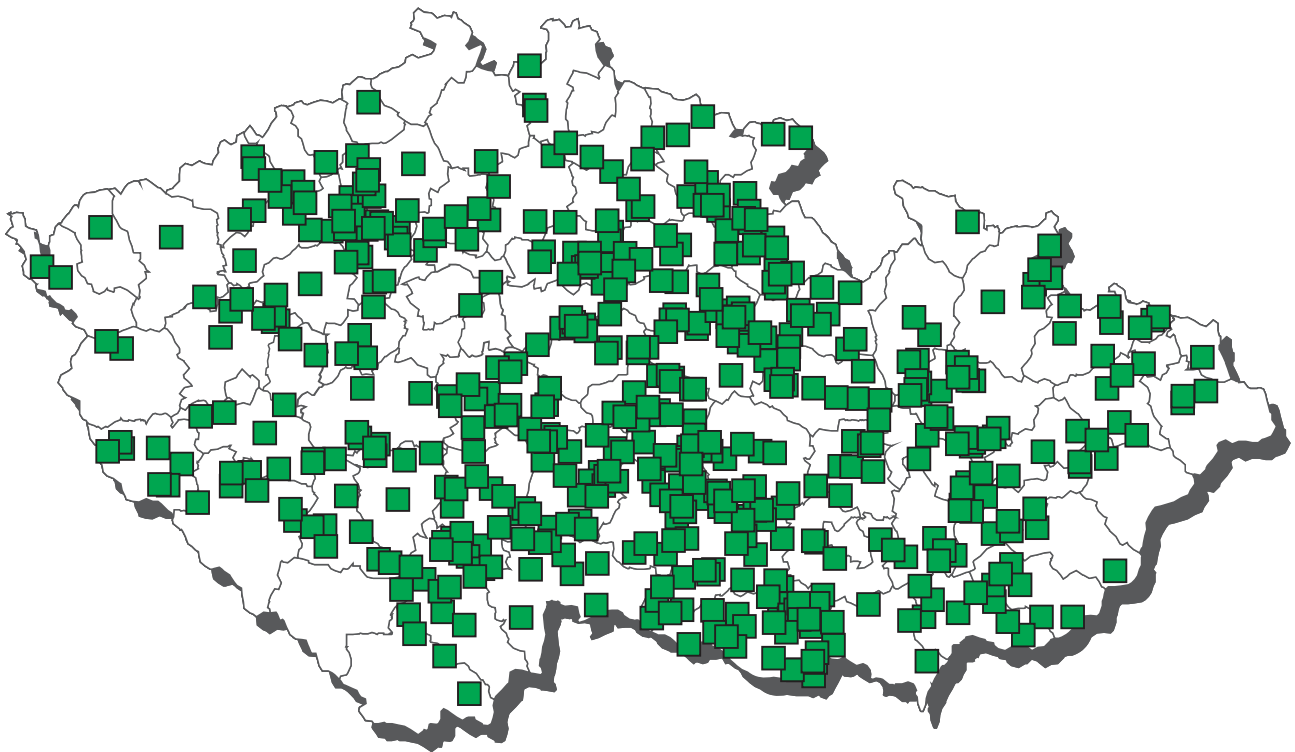
goats - urine - monitoring - (continuation)

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	orciprenaline (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-acetoxypregesterone	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 2016 - sampling of pigs



Pigs - non-compliant results 2016



▲ maduramicin - liver

● marbofloxacin - kidney

■ mercury - kidney

▼ PCB - suma - muscle

◆ 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 dapstone	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	161	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	160	0	0,0	0	0,0	12,50000	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	160	0	0,0	0	0,0	12,50000	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	160	0	0,0	0	0,0	12,50000	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	160	0	0,0	0	0,0	13,12500	n.d.	n.d.	50,00000	µg/kg
B1 gentamycin, neomycin	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	160	0	0,0	1	0,6	0,00000	n.d.	n.d.	kvalit	
B1 lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 macrolides	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	160	1	0,6	0	0,0	13,11875	n.d.	n.d.	104,00000	µg/kg
B1 nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	160	0	0,0	0	0,0	12,50000	n.d.	n.d.	25,00000	µg/kg
B1 pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sulfachlorpyridazine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimidine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimethoxine	160	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfaundersine	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	60	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	11,81250	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	161	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 valnemulin	160	0	0,0	0	0,0	10,43750	n.d.	n.d.	12,50000	µg/kg
B2a albendazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a fenbendazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a levamisole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a mebendazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a oxfendazole	23	0	0,0	0	0,0	8,75000	n.d.	n.d.	25,00000	µg/kg
B2a rafoxanid	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a thiabendazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a triclofenazole	9	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c aldicarb	84	0	0,0	0	0,0	0,00315	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	84	0	0,0	0	0,0	0,00607	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	84	0	0,0	0	0,0	0,00076	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	84	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	84	0	0,0	0	0,0	0,00129	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	84	0	0,0	0	0,0	0,00810	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	84	0	0,0	0	0,0	0,00607	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	84	0	0,0	0	0,0	0,00308	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	84	0	0,0	0	0,0	0,00607	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	50	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	50	0	0,0	0	0,0	1,65000	n.d.	n.d.	2,50000	µg/kg
B2e flufenamic acid	22	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	22	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	22	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg

pigs - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	22	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	22	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	22	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-carbaundex	10	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B2f 3-methylquinoxaline-2-carboxyli	10	0	0,0	0	0,0	0,12500	n.d.	n.d.	0,12500	µg/kg
B2f quinoxaline-2-carboxylic acid	10	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3a aldrin, dieldrin (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	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	107	19	17,8	0	0,0	0,00083	n.d.	0,00174	0,00707	mg/kg
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	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	107	0	0,0	0	0,0	0,00024	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	107	0	0,0	0	0,0	0,00036	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	107	0	0,0	0	0,0	0,00024	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	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	107	3	2,8	1	0,9	5,53893	n.d.	n.d.	103,00000	ng/g fat
B3c arsenic	50	1	2,0	0	0,0	0,00324	n.d.	n.d.	0,00700	mg/kg
B3c cadmium	50	0	0,0	0	0,0	0,00211	n.d.	n.d.	0,00250	mg/kg
B3c mercury	50	27	54,0	0	0,0	0,00049	0,00050	0,00070	0,00090	mg/kg
B3c lead	50	1	2,0	0	0,0	0,00512	n.d.	n.d.	0,01100	mg/kg
B3f WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,37700	0,36200	0,39800	0,40700	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,43967	0,45200	0,46160	0,46400	pg/g fat

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	159	1	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfaundexine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	160	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	160	0	0	0	0	0
B1 valnemulin	MRL - 50 µg/kg	160	0	0	0	0	0
B2a fenbendazole	MRL - 50 µg/kg	9	0	0	0	0	0
B2a levamisole	MRL - 10 µg/kg	9	0	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	17	6	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	50	34	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	84	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	84	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	84	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	84	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	50	34	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	84	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	84	0	0	0	0	0
B2e diclofenac	MRL - 5 µg/kg	34	16	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 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

pigs - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
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	104	0	2	0	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
B3f WHO-PCDD/F-TEQ	ML - 1 pg/g fat	3	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 1,25 pg/g fat	3	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
quinolones *			
9.9.2016	Klatovy	Lubská zemědělská, a.s.	0
sum PCB			
16.5.2016	Benešov	Luboš Bařha	103 ng/g fat

* confirmatory analysis by LC-MS / MS revealed the presence of marbofloxacin in muscle, liver and kidney; finding over-limit in the kidney only

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 dienolestrol	23	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexolestrol	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 clenclenohexerol	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 orciprenaline (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	161	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 difloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 gentamycin, neomycin	160	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 marbofloxacin	1	1	100,0	0	0,0	115,00000	115,00000	115,00000	115,00000	µg/kg

pigs - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 streptomycines	160	1	0,6	0	0,0	11,92063	n.d.	n.d.	29,80000	µg/kg
B1 tetracyclines	161	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a underramectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a ivermectin	77	1	1,3	0	0,0	2,59481	n.d.	n.d.	9,80000	µg/kg
B2a moxidectin	77	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b decoquinat	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b diclazuril	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b lasalocid	30	0	0,0	0	0,0	1,60000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	30	1	3,3	1	3,3	1,04200	n.d.	n.d.	2,26000	µg/kg
B2b monensin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b narasin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b nicarbazin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b robenidin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b salinomycin	30	0	0,0	0	0,0	1,30000	n.d.	n.d.	2,50000	µg/kg
B2b semduramicin	30	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3b diazinone	30	0	0,0	0	0,0	0,00172	n.d.	n.d.	0,00200	mg/kg
B3b phorate	30	0	0,0	0	0,0	0,00207	n.d.	n.d.	0,00250	mg/kg
B3b pyrimiphosmethyl	30	0	0,0	0	0,0	0,00172	n.d.	n.d.	0,00200	mg/kg
B3c cadmium	50	50	100,0	0	0,0	0,04252	0,03150	0,08690	0,19400	mg/kg
B3c mercury	50	42	84,0	0	0,0	0,00175	0,00100	0,00387	0,00970	mg/kg
B3c lead	50	8	16,0	0	0,0	0,00864	n.d.	0,01000	0,14400	mg/kg
B3d aflatoxin B2	15	0	0,0	0	0,0	0,05167	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	15	0	0,0	0	0,0	0,09367	n.d.	n.d.	0,15000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 marbofloxacin	MRL - 150 µg/kg	0	0	1	0	0	0
B2a underramectin	MRL - 100 µg/kg	77	0	0	0	0	0
B2a emamectin	MRL - 80 µg/kg	77	0	0	0	0	0
B2a ivermectin	MRL - 100 µg/kg	77	0	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	30	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	30	0	0	0	0	0
B2b lasalocid	ML - 50 µg/kg	30	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	29	0	1	0	0
B2b monensin	ML - 8 µg/kg	30	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	30	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	30	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	30	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	24	6	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	30	0	0	0	0
B3b diazinone	MRL - 0,03 mg/kg	30	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	30	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	30	0	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	50	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	47	0	3	0	0	0
B3c lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	15	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	15	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
maduramicin			
5.9.2016	Žďár nad Sázavou	JHYB s.r.o.	2,26 µg/kg

pigs - liver - targeted testing

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 betalactams	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 streptomycines	1	0	0,0	0	0,0	12,50000	n.d.	n.d.	12,50000	µg/kg

pigs - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	161	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	161	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 difloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 enrofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 flumequine	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 lomefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 marbofloxacin	1	1	100,0	1	100,0	267,00000	267,00000	267,00000	267,00000	µg/kg
B1 nalidixic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 norfloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 ofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 orbifloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 pefloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 sarafloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 tetracyclines	161	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	0,18092	0,16350	0,32250	0,57300	mg/kg
B3c mercury	50	50	100,0	2	4,0	0,00956	0,00250	0,01416	0,20600	mg/kg
B3c lead	50	5	10,0	0	0,0	0,01050	n.d.	0,01020	0,16900	mg/kg
B3d ochratoxin A	15	4	26,7	0	0,0	0,32467	n.d.	0,58600	2,68000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 marbofloxacin	MRL - 150 µg/kg	0	0	0	0	1	0
B2d azaperol	MRL - 100 µg/kg	35	0	0	0	0	0
B2d azaperone	MRL - 100 µg/kg	35	0	0	0	0	0
B2d carazolol	MRL - 25 µg/kg	35	0	0	0	0	0
B3c cadmium	ML - 1 mg/kg	49	1	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	30	7	5	3*	3*	2
B3c lead	ML - 0,5 mg/kg	50	0	0	0	0	0
B3d ochratoxin A	AL - 10 µg/kg	15	0	0	0	0	0

* conforms within the uncertainty of determination

sampling date	cadastral dis. (sampling)	origin	value
marbofloxacin			
9.9.2016	Klatovy	Lubská zemědělská, a.s.	267 µg/kg
mercury			
11.10.2016	Karviná	ZÁTOR - AGROZAT s.r.o.	0,0435 mg/kg
17.2.2016	Vyškov	Agro družstvo Sebranice	0,206 mg/kg

pigs - kidney - targeted testing

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	2	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3c mercury	2	2	100,0	2	100,0	0,02205	0,02205	0,02489	0,02560	mg/kg

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

sampling date	cadastral dis. (sampling)	origin	value
mercury			
17.2.2016	Vyškov	Svitavy	0,0256 mg/kg
17.2.2016	Vyškov	Svitavy	0,0185 mg/kg

pigs - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	14	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1 diethylstilbestrol	14	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1 dienolestrol	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	1	2,1	0	0,0	0,79792	n.d.	n.d.	5,40000	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 dexametazon	40	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3 ethinylestradiol	22	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 flumetason	40	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3 fluocinolon	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 fluorometolon	40	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 methylboldenone	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	1	1,3	1	1,3	2,72039	n.d.	n.d.	188,00000	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	0,10000	n.d.	n.d.	0,10000	µg/l
A3 stanazolol	25	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 17-alfa-trenbolonee	13	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A3 17-beta-trenbolonee	13	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 triamcinolone	40	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A4 alfa-zearalenol	37	0	0,0	0	0,0	0,22297	n.d.	n.d.	0,25000	µg/l
A4 beta-zearalenol	37	0	0,0	0	0,0	0,22297	n.d.	n.d.	0,25000	µg/l
A4 taleranol	37	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A4 zearalenone	37	0	0,0	0	0,0	0,29595	n.d.	n.d.	0,35000	µg/l
A4 zearalanon	37	0	0,0	0	0,0	0,22297	n.d.	n.d.	0,25000	µg/l
A4 zeranol	37	0	0,0	0	0,0	0,17297	n.d.	n.d.	0,20000	µg/l
A5 brombuterol	5	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A5 carbuterol	5	0	0,0	0	0,0	0,05000	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 clenclorhexerol	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	0,03000	n.d.	n.d.	0,03000	µg/l

sampling date	cadastral dis. (sampling)	origin	value
17-beta-19-nortestosterone			
8.2.2016	Český Krumlov	BEMAGRO, a.s.	188 µg/l

pigs - urine - suspect samples

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

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	1	2,2	0	0,0	0,35761	n.d.	n.d.	0,70000	µg/l
A6	tinidazol	46	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l

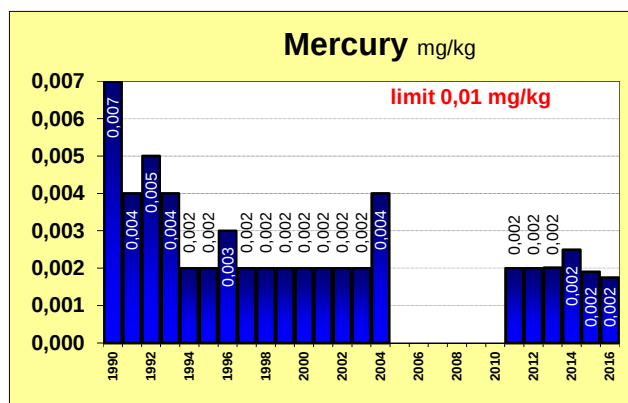
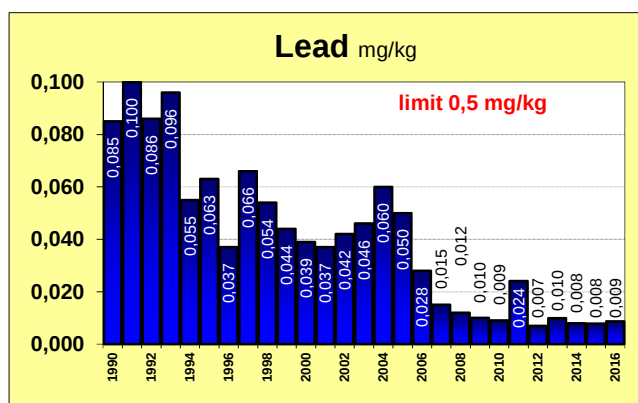
pigs - fur - monitoring

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

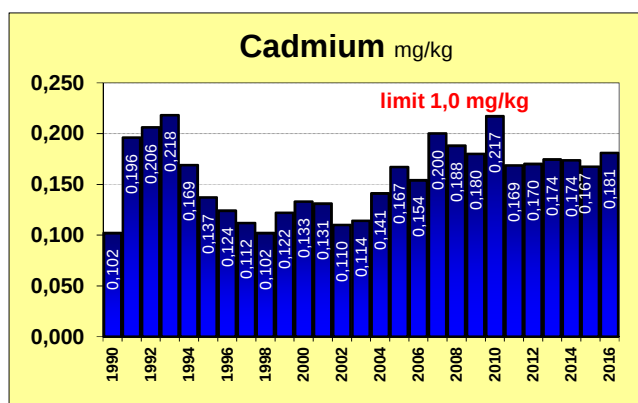
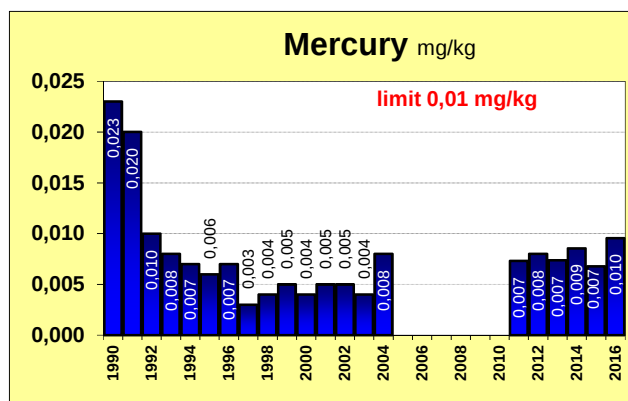
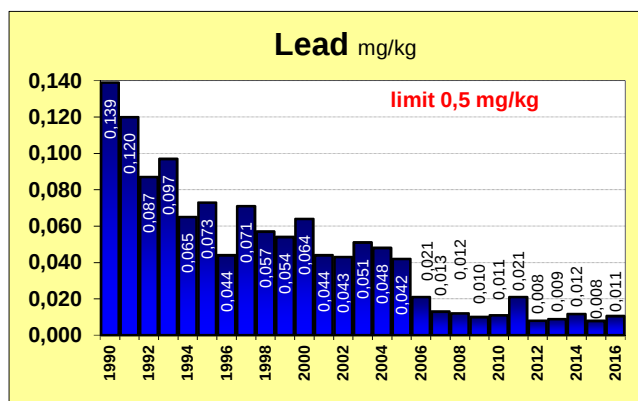
pigs - fet - monitoring

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

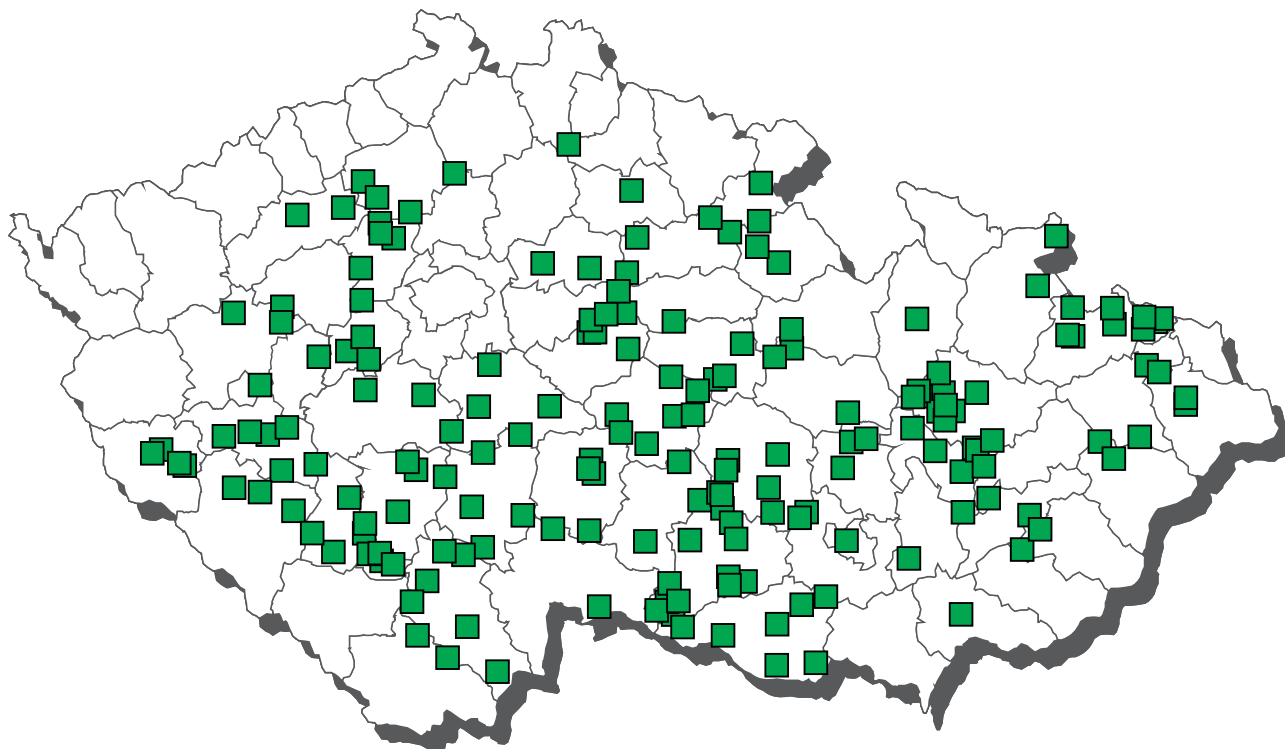
The average content of contaminants in the liver of pigs



The average content of contaminants in the kidney of pigs



CL 2016 - sampling of sows



Sows - non-compliant results 2016



- streptomycines - liver + aminoglykosides - kidney + dihydrostreptomycin - liver, kidney
- sulfamethoxazole - muscle, liver, ledvina + trimetoprim - liver, kidney
+ residues of ihibitory substances - kidney
- ▼ betalactams - kidney + benzylopenicilin - kidney + residues of ihibitory substances - liver
- ▲ dihydrostreptomycin - liver + streptomycines - liver

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.	kvalit	
B1 danofloxacin	230	0	0,0	0	0,0	11,95652	n.d.	n.d.	25,00000	µg/kg
B1 dihydrostreptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	230	0	0,0	0	0,0	11,95652	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	230	0	0,0	0	0,0	11,95652	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	230	0	0,0	0	0,0	12,39130	n.d.	n.d.	50,00000	µg/kg
B1 gentamycin, neomycin	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	230	0	0,0	0	0,0	11,95652	n.d.	n.d.	25,00000	µg/kg
B1 oxolinic acid	230	0	0,0	0	0,0	11,95652	n.d.	n.d.	25,00000	µg/kg
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 sulfaundersine	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	1	0,4	1	0,4	16,72174	n.d.	n.d.	411,00000	µg/kg
B1 sulfadiazine	230	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 streptomycines	230	0	0,0	0	0,0	11,92391	n.d.	n.d.	12,50000	µg/kg
B1 trimetoprim	1	1	100,0	0	0,0	44,70000	44,70000	44,70000	44,70000	µg/kg
B1 tetracyclines	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 valnemulin	230	0	0,0	0	0,0	10,77174	n.d.	n.d.	12,50000	µg/kg

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

sampling date	cadastral dis. (sampling)	origin	value
19.10.2016	Vyškov	LUKROM, spol. s r.o.	411 µg/kg

sows - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 betalactams	229	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 benzylpenicilin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 dihydrostreptomycin	2	2	100,0	2	100,0	1411,00000	1411,00000	1633,40000	1689,00000	µg/kg
B1 gentamycin, neomycin	230	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 sulfamethoxazole	1	1	100,0	1	100,0	220,00000	220,00000	220,00000	220,00000	µg/kg
B1 streptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1 streptomycines	230	3	1,3	2	0,9	31,03870	n.d.	n.d.	2803,00000	µg/kg
B1 trimetoprim	1	1	100,0	1	100,0	190,20000	190,20000	190,20000	190,20000	µg/kg
B1 tetracyclines	229	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 sulfamethoxazole	MRL - 100 µg/kg	0	0	0	0	0	1
B1 benzylpenicilin	MRL - 50 µg/kg	1	0	0	0	0	0
B1 dihydrostreptomycin	MRL - 500 µg/kg	0	0	0	0	0	2
B1 streptomycin	MRL - 500 µg/kg	1	0	0	0	0	0
B1 trimetoprim	MRL - 50 µg/kg	0	0	0	0	0	1

sampling date	cadastral dis. (sampling)	origin	value
dihydrostreptomycin			
20.10.2016	Plzeň-jih	AGPI, a.s.	1689 µg/kg
3.5.2016	Klatovy	družstvo Lidmovice	1133 µg/kg
sulfamethoxazole			
19.10.2016	Vyškov	LUKROM, spol. s r.o.	220 µg/kg
streptomycines			
20.10.2016	Plzeň-jih	AGPI, a.s.	2803 µg/kg
3.5.2016	Klatovy	družstvo Lidmovice	1573 µg/kg
trimetoprim			
19.10.2016	Vyškov	LUKROM, spol. s r.o.	190,2 µg/kg

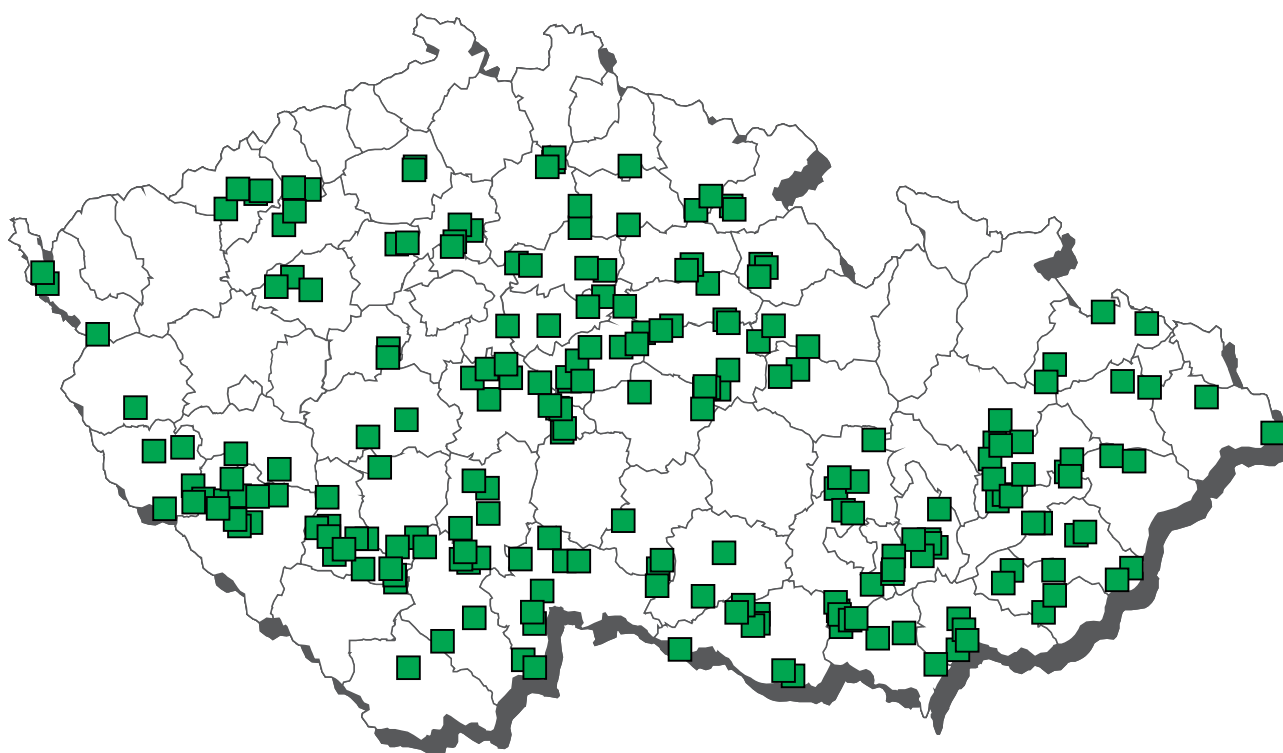
sows - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	229	0	0,0	1	0,4	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	229	0	0,0	1	0,4	0,00000	n.d.	n.d.	kvalit	
B1 benzylpenicilin	1	1	100,0	1	100,0	55,80000	55,80000	55,80000	55,80000	µg/kg
B1 dihydrostreptomycin	2	2	100,0	1	50,0	983,50000	983,50000	1368,70000	1465,00000	µg/kg
B1 residues of ihibitory substances	230	0	0,0	2	0,9	0,00000	n.d.	n.d.	kvalit	
B1 sulfamethoxazole	1	1	100,0	1	100,0	1430,00000	1430,00000	1430,00000	1430,00000	µg/kg
B1 streptomycin	2	0	0,0	0	0,0	25,00000	n.d.	n.d.	25,00000	µg/kg
B1 trimetoprim	1	1	100,0	1	100,0	388,40000	388,40000	388,40000	388,40000	µg/kg
B1 tetracyclines	229	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 sulfamethoxazole	MRL - 100 µg/kg	0	0	0	0	0	1
B1 benzylpenicilin	MRL - 50 µg/kg	0	0	0	1	0	0
B1 dihydrostreptomycin	MRL - 1000 µg/kg	0	0	0	2	0	0
B1 streptomycin	MRL - 1000 µg/kg	1	0	0	0	0	0
B1 trimetoprim	MRL - 50 µg/kg	0	0	0	0	0	1

sampling date	cadastral dis. (sampling)	origin	value
aminoglycosides			
20.10.2016	Plzeň-jih	AGPI, a.s.	
betalactams			
1.4.2016	Strakonice	AGRO Vodňany a.s.	
benzylpenicilin			
1.4.2016	Strakonice	AGRO Vodňany a.s.	55,8 µg/kg
dihydrostreptomycin			
20.10.2016	Plzeň-jih	AGPI, a.s.	1465 µg/kg
residues of ihibitory substances			
1.4.2016	Strakonice	AGRO Vodňany a.s.	
19.10.2016	Vyškov	LUKROM, spol. s r.o.	
sulfamethoxazole			
19.10.2016	Vyškov	LUKROM, spol. s r.o.	1430 µg/kg
trimetoprim			
19.10.2016	Vyškov	LUKROM, spol. s r.o.	388,4 µg/kg

CL 2016 - 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 dienolestrol	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	27	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	27	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 HMMNI	27	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	27	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 ipronidazole	27	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 MNZOH	27	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 metronidazole	27	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 ornidazol	27	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 ronidazole	27	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 secnidazol	27	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	27	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6 tinidazol	27	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1 aminoglycosides	1	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	
B1 histamin	1	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	mg/kg
B1 quinolones	57	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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 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 sulfaundexine	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.	kvalit	
B1 valnemulin	107	0	0,0	0	0,0	11,09813	n.d.	n.d.	12,50000	µg/kg
B2a albendazole	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a fenbendazole	12	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	3,04348	n.d.	n.d.	5,00000	µg/kg
B2a mebendazole	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a oxfendazole	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a rafoxanid	12	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 thiabendazole	12	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a triclabendazole	12	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 lambda-cyhalothrin	23	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	23	0	0,0	0	0,0	0,00137	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	23	0	0,0	0	0,0	0,00133	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	23	0	0,0	0	0,0	0,00761	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	23	0	0,0	0	0,0	0,00587	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	23	0	0,0	0	0,0	0,00335	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	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e metamazol	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	6	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	13	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	13	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (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	1	5,6	0	0,0	0,00057	n.d.	n.d.	0,00350	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	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	18	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	18	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	18	0	0,0	0	0,0	0,00025	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	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	3,75000	n.d.	n.d.	4,50000	ng/g fat
B3c arsenic	13	0	0,0	0	0,0	0,00346	n.d.	n.d.	0,00500	mg/kg
B3c cadmium	13	0	0,0	0	0,0	0,00192	n.d.	n.d.	0,00250	mg/kg
B3c mercury	13	2	15,4	0	0,0	0,00062	n.d.	0,00050	0,00390	mg/kg
B3c lead	13	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3f WHO-PCDD/F-TEQ	2	2	100,0	0	0,0	0,02275	0,02275	0,02647	0,02740	pg/g
B3f WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,36700	0,36700	0,36700	0,36700	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,02885	0,02885	0,03673	0,03870	pg/g
B3f WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,63100	0,63100	0,63100	0,63100	pg/g fat

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 sulfaundersine	MRL - 100 µg/kg	107	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	107	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	107	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	107	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	107	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	107	0	0	0	0	0
B2a fenbendazole	MRL - 50 µg/kg	12	0	0	0	0	0
B2a levamisole	MRL - 10 µg/kg	12	11	0	0	0	0
B2a oxfendazole	MRL - 50 µg/kg	12	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	15	8	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	23	0	0	0	0	0
B2c cypermethrin	MRL - 0,01 mg/kg	23	0	0	0	0	0
B2c deltamethrin	MRL - 0,01 mg/kg	23	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	23	0	0	0	0	0

chicken - muscle - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
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 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
B3f WHO-PCDD/F-TEQ	ML - 1,75 pg/g fat	1	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 3 pg/g fat	1	0	0	0	0	0

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 dienolestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 alfa-zearalenol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 beta-zearalenol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 taleranol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 zearalenone	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4 zearalanon	10	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4 zeranol	10	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 brombuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenclorhexerol	17	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	17	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	17	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalin (metaprotenerol)	17	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	17	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	17	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	17	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	17	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B1 aminoglycosides	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 residues of inhibitory substances	107	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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.	kvalit	
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

chicken - liver - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	µg/kg
B2b halofuginone	50	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	50	0	0,0	0	0,0	2,02000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	50	0	0,0	0	0,0	1,54000	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	4	8,0	0	0,0	1,77400	n.d.	n.d.	5,16000	µg/kg
B2b nicarbazin	50	31	62,0	0	0,0	19,57100	4,23500	53,14000	180,00000	µg/kg
B2b robenidin	50	0	0,0	0	0,0	1,57000	n.d.	n.d.	2,50000	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	0,01238	0,01000	0,01960	0,02800	mg/kg
B3c mercury	13	8	61,5	0	0,0	0,00068	0,00050	0,00116	0,00200	mg/kg
B3c lead	13	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d aflatoxin B2	17	0	0,0	0	0,0	0,05441	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	17	0	0,0	0	0,0	0,09882	n.d.	n.d.	0,15000	µg/kg

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

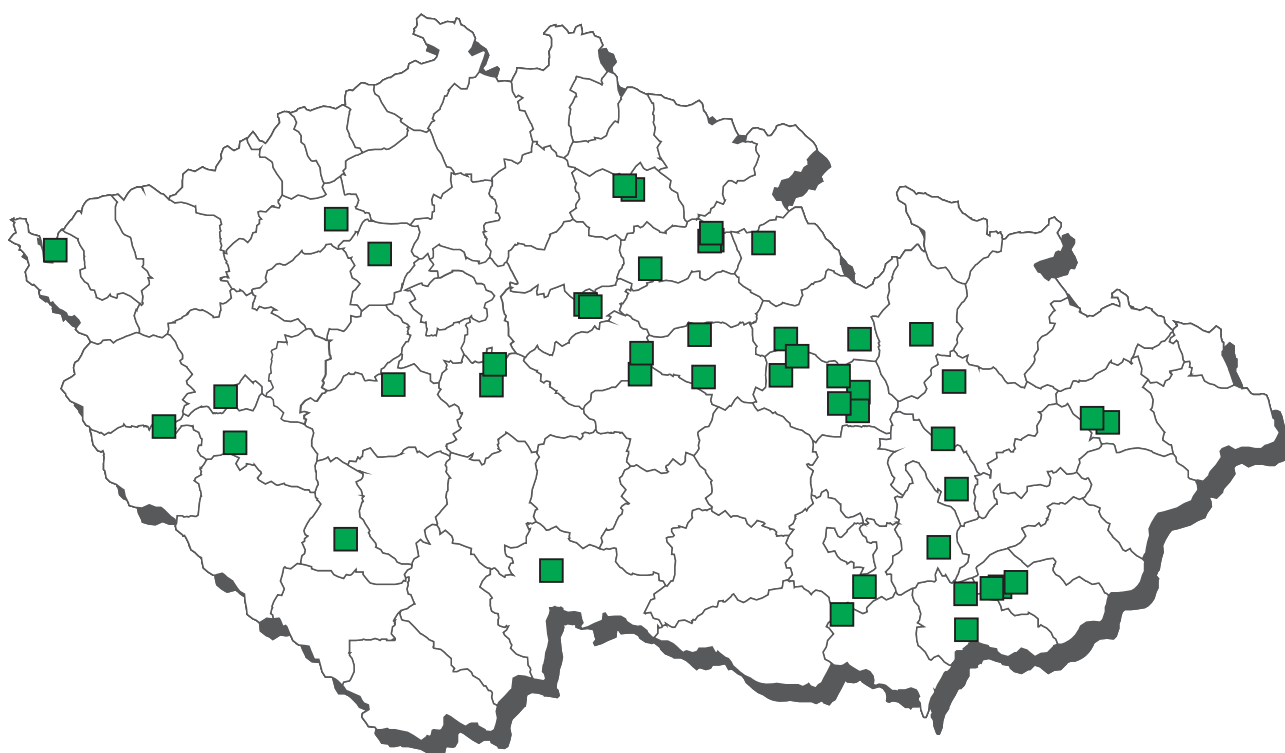
chicken - serum - monitoring

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

chicken - feather - monitoring

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

CL 2016 - 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 dienolestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1 hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A2 tapazole	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A2 thiouracil	4	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/kg
A2 methylthiouracil	4	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A2 propylthiouracil	4	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
A3 17-beta-boldenone	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3 chlortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3 methylboldenone	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3 17-alfa-19-nortestosterone	2	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3 17-beta-19-nortestosterone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3 norclostebol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 17-beta-trenbolonee	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 alfa-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 beta-zearalenol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 taleranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 zearalenone	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A4 zearalanon	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A4 zeranol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 AHD	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 AMOZ	2	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 AOZ	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 carnidazol	5	0	0,0	0	0,0	0,90000	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	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 HMMNI	5	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	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 ipronidazole	5	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 MNZOH	5	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 metronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 ornidazol	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 ronidazole	5	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 secnidazol	5	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 SEM	2	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6 ternidazol	5	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6 tinidazol	5	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.	kvalit	
B1 danofloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 difloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 enrofloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 flumequine	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 gentamycin, neomycin	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	10	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	10	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 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 sulfaundexine	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.	kvalit	
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 lambda-cyhalothrin	8	0	0,0	0	0,0	0,00066	n.d.	n.d.	0,00100	mg/kg
B2c cypermethrin	8	0	0,0	0	0,0	0,00113	n.d.	n.d.	0,00150	mg/kg
B2c deltamethrin	8	0	0,0	0	0,0	0,00109	n.d.	n.d.	0,00150	mg/kg
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 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	3	37,5	0	0,0	0,00073	n.d.	0,00111	0,00160	mg/kg
B3a dieldrin	8	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	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	2	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	6	0	0,0	0	0,0	3,75000	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	0,00094	0,00070	0,00207	0,00270	mg/kg
B3c lead	8	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c aldicarb	MRL - 0,01 mg/kg	5	3	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	8	0	0	0	0	0
B2c cypermethrin	MRL - 0,01 mg/kg	8	0	0	0	0	0
B2c deltamethrin	MRL - 0,01 mg/kg	8	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	8	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	5	3	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	8	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	8	0	0	0	0	0
B3a aldrin, dieldrin (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	6	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

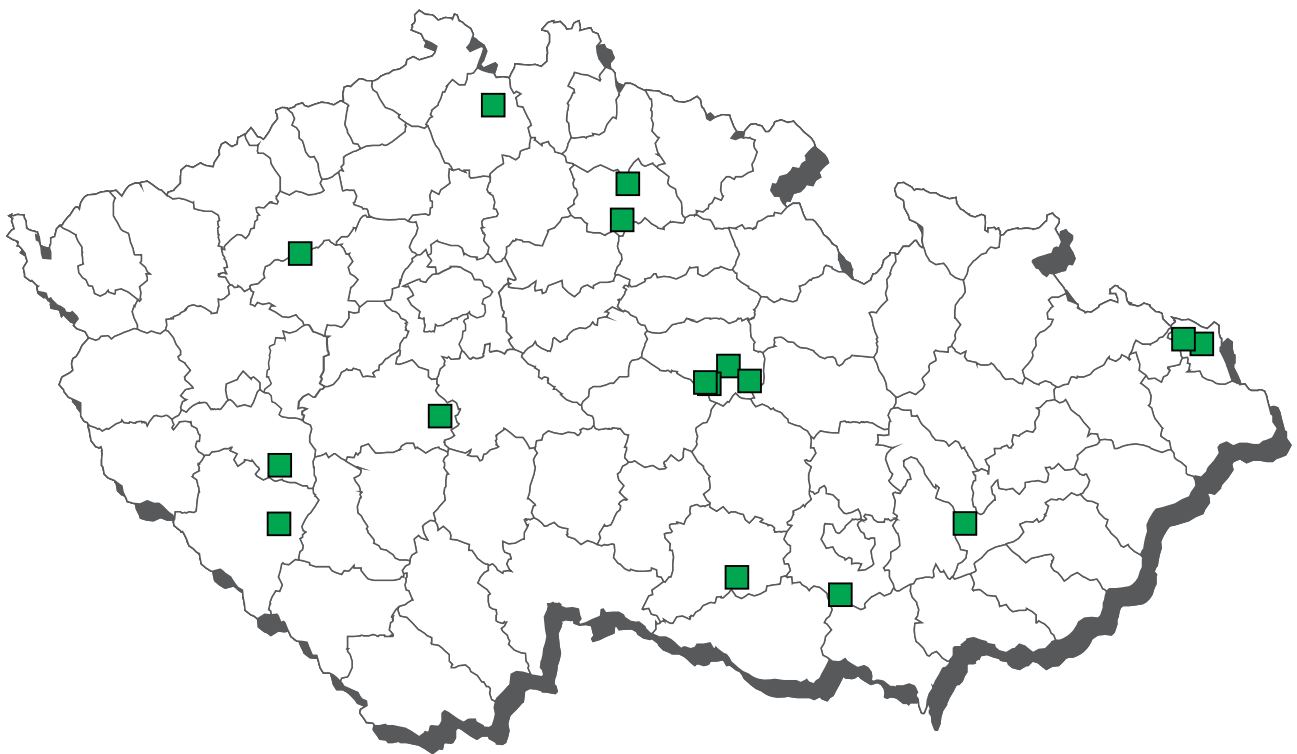
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienolestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	1	0	0,0	0	0,0	0,15000	n.d.	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	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b diclazuril	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b halofuginone	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b lasalocid	21	0	0,0	0	0,0	2,00000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	21	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b narasin	21	0	0,0	0	0,0	1,92857	n.d.	n.d.	2,50000	µg/kg
B2b nicarbazin	21	1	4,8	0	0,0	2,13810	n.d.	n.d.	5,40000	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	0,13900	0,11350	0,21070	0,26600	mg/kg
B3c mercury	8	8	100,0	0	0,0	0,00110	0,00095	0,00192	0,00220	mg/kg
B3c lead	8	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3d aflatoxin B2	7	0	0,0	0	0,0	0,06071	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	7	0	0,0	0	0,0	0,09286	n.d.	n.d.	0,15000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	ML - 20 µg/kg	21	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	21	0	0	0	0	0
B2b lasalocid	MRL - 300 µg/kg	21	0	0	0	0	0
B2b maduramicin	ML - 2 µg/kg	0	21	0	0	0	0
B2b monensin	ML - 8 µg/kg	21	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	21	0	0	0	0	0
B2b nicarbazin	ML - 300 µg/kg	21	0	0	0	0	0
B2b robenidin	ML - 50 µg/kg	21	0	0	0	0	0
B2b salinomycin	ML - 5 µg/kg	8	13	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	21	0	0	0	0
B3c cadmium	ML - 0,5 mg/kg	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

hens - feather - monitoring

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

CL 2016 - 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 dienolestrol	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.	kvalit	
B1 danofloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 difloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 enrofloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 flumequine	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 gentamycin, neomycin	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	5	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	5	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 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	14,50000	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 sulfaundexine	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.	kvalit	
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 lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	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 dieldrin	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	0,00038	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	1	33,3	0	0,0	9,33333	n.d.	16,10000	19,00000	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	1	50,0	0	0,0	0,00050	0,00050	0,00050	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 sulfaundersoxine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	5	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	5	0	0	0	0	0
B2a levamisole	MRL - 10 µg/kg	0	2	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	1	1	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c cypermethrin	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c deltamethrin	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	1	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a aldrin, dieldrin (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	3	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	2	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	2	0	0	0	0	0

turkeys - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienolestrol	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 clenclorhexerol	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 sotolol	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	1	33,3	0	0,0	3,90000	n.d.	7,06000	8,20000	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 nicarbazine	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	0,06600	0,06600	0,07480	0,07700	mg/kg
B3c mercury	2	2	100,0	0	0,0	0,00100	0,00100	0,00100	0,00100	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	0,11000	n.d.	n.d.	0,13000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b decoquinat	ML - 20 µg/kg	3	0	0	0	0	0
B2b lasalocid	MRL - 300 µg/kg	3	0	0	0	0	0
B2b monensin	MRL - 8 µg/kg	3	0	0	0	0	0
B2b narasin	ML - 50 µg/kg	3	0	0	0	0	0
B2b nicarbazine	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

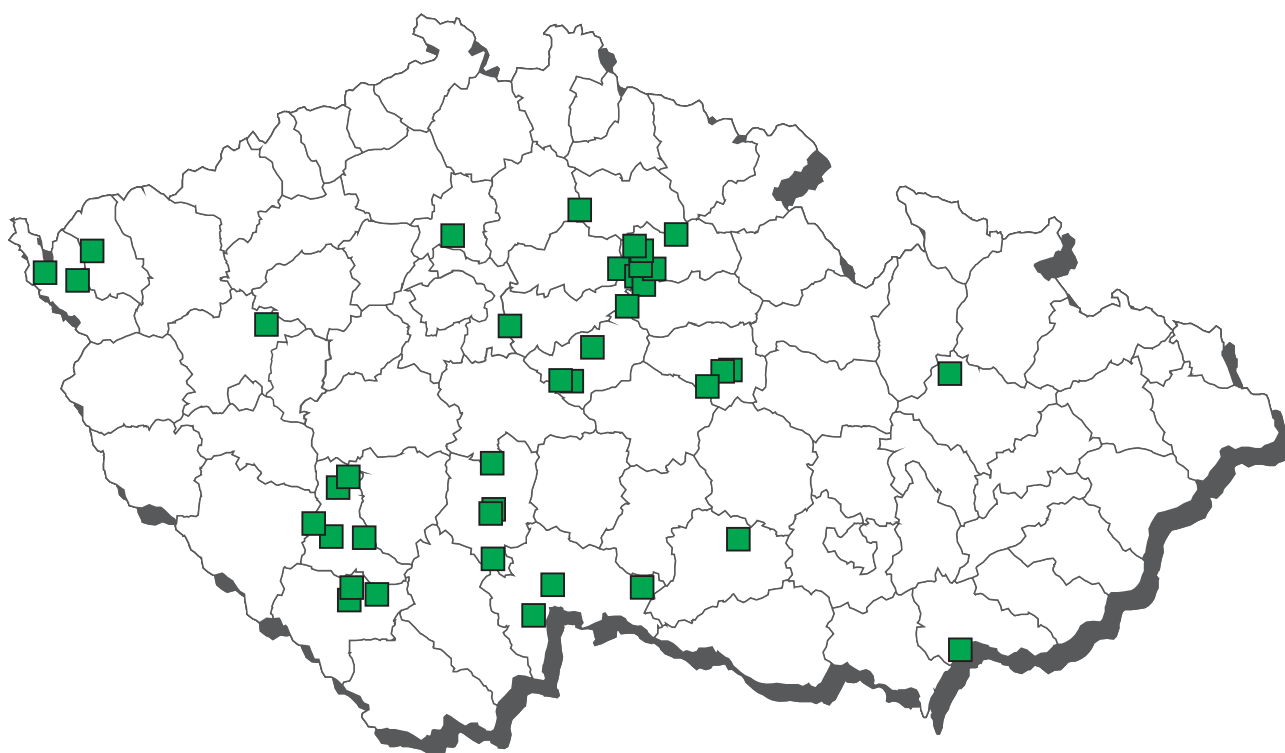
turkeys - serum - monitoring

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

turkeys - feather - monitoring

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

CL 2016 - 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.	kvalit	
B1 danofloxacin	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	8	0	0,0	0	0,0	10,62500	n.d.	n.d.	50,00000	µg/kg
B1 gentamycin, neomycin	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
B1 oxolinic acid	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	25,00000	µg/kg
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 sulfaundexine	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	11,87500	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 valnemulin	8	0	0,0	0	0,0	10,62500	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 lambda-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
B2c propoxur	4	0	0,0	0	0,0	0,00775	n.d.	n.d.	0,01000	mg/kg

waterfowl - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B2e carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e 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 dieldrin	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	3	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	1	50,0	0	0,0	0,00075	0,00075	0,00095	0,00100	mg/kg
B3c lead	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

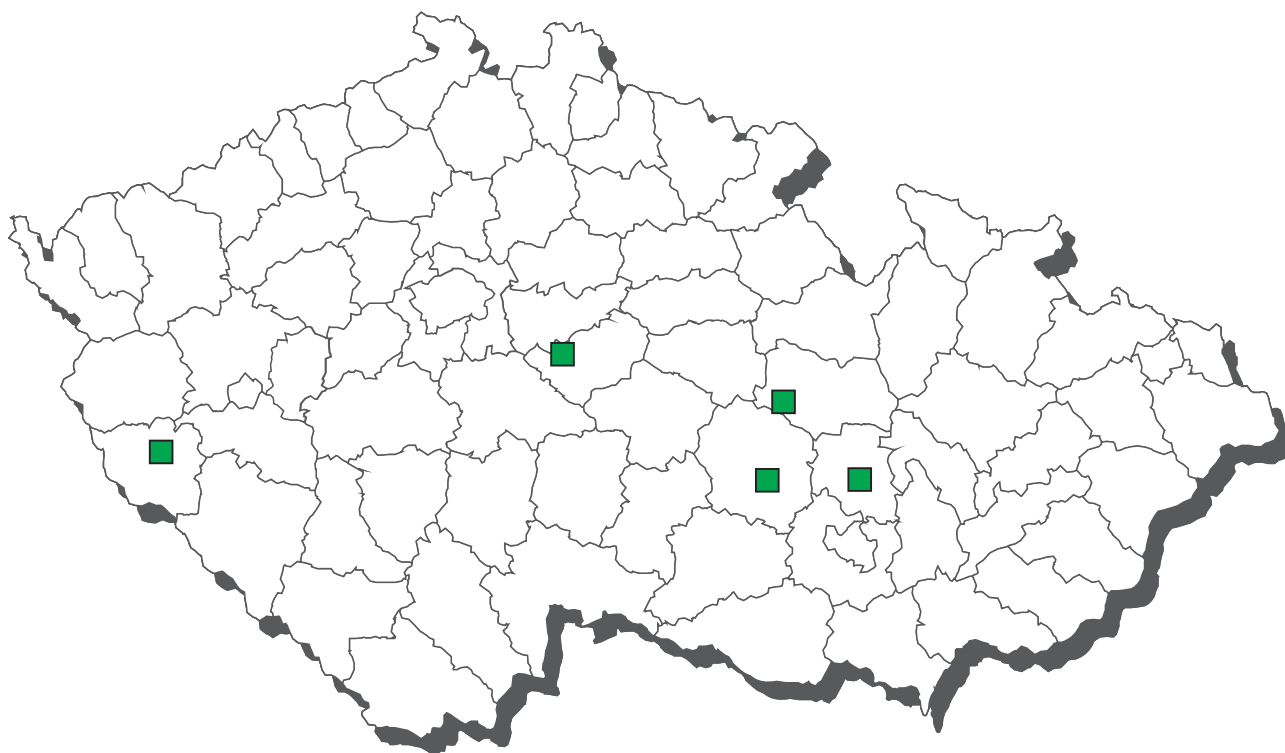
analyte	hygienic limit (HL)	under 50%	50- 75%	75- 100%	100- 150%	150- 200%	over 200%
B1 danofloxacin	MRL - 200 µg/kg	8	0	0	0	0	0
B1 difloxacin	MRL - 300 µg/kg	8	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1 flumequine	MRL - 400 µg/kg	8	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
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 sulfaundexine	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 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	3	0	0	0	0	0
B3c arsenic	AL - 0,1 mg/kg	2	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	2	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	2	0	0	0	0	0
B3c lead	ML - 0,1 mg/kg	2	0	0	0	0	0

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 clenclorhexerol	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	3	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	3	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalin (metaprotenerol)	3	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	3	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	3	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	3	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	3	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2b decoquinat	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b diclazuril	11	2	18,2	0	0,0	1,30182	n.d.	2,57000	2,75000	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	1,40909	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	1,35818	n.d.	2,60000	3,34000	µg/kg
B2b robenidin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	11	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B3c cadmium	2	2	100,0	0	0,0	0,06400	0,06400	0,08240	0,08700	mg/kg
B3c mercury	2	1	50,0	0	0,0	0,00075	0,00075	0,00095	0,00100	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	0,05833	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	3	0	0,0	0	0,0	0,13167	n.d.	n.d.	0,15000	µg/kg

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

CL 2016 - 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	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	25,00000	µg/kg
B1 gentamycin, neomycin	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	8	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	8	0	0,0	0	0,0	12,50000	n.d.	n.d.	25,00000	µg/kg
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 sulfaundersine	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.	kvalit	
B2c aldicarb	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c carbofuran	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c lambda-cyhalothrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	2	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c methomyl	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c cis-permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c trans-permethrin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	2	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2e carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfeamic 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	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a aldrin, dieldrin (suma)	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a cis-chlordan	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a oxychlordan	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a trans-chlordan	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a 4,4'-DDD	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a 4,4'-DDE	5	1	20,0	0	0,0	0,00050	n.d.	0,00050	0,00050	mg/kg
B3a DDT (sum)	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a 2,4'-DDT	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a 4,4'-DDT	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a dieldrin	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a endrin	5	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a alfa-enundersulfan	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a beta-enundersulfan	5	0	0,0	0	0,0	0,00044	n.d.	n.d.	0,00050	mg/kg
B3a enundersulfan sulfát	5	0	0,0	0	0,0	0,00047	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg

ostriches - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a heptachlor	5	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor (residua)	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor-epoxid	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	5	0	0,0	0	0,0	0,00043	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	2	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	4,00000	n.d.	n.d.	4,50000	ng/g fat
B3c cadmium	3	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c mercury	3	2	66,7	0	0,0	0,00057	0,00050	0,00066	0,00070	mg/kg
B3c lead	3	1	33,3	0	0,0	0,00667	n.d.	0,00900	0,01000	mg/kg

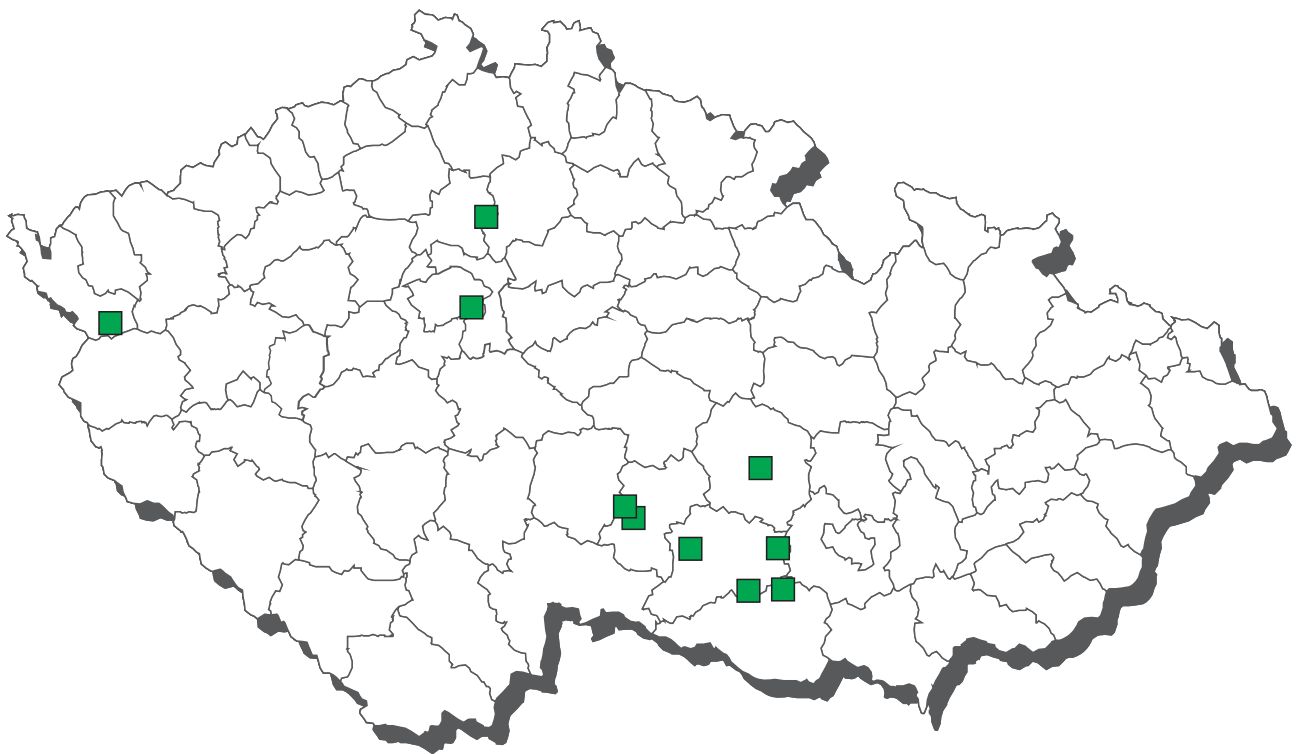
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	8	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	8	0	0	0	0	0
B1 sulfaundersine	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
B2c aldicarb	MRL - 0,01 mg/kg	2	0	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	2	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	2	0	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	5	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a enundersulfan - sum	MRL - 0,05 mg/kg	5	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	5	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	5	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	5	0	0	0	0	0
B3a sum PCB	AL - 40 ng/g fat	3	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	3	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	3	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	3	0	0	0	0	0

ostriches - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 hexoestrol	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenrocyclohexerol	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 orciprenalini (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	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	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b diclazuril	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	5	0	0,0	0	0,0	2,20000	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 nicarbazine	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b robenidin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a underramectin	MRL - 100 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 nicarbazine	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	5	0	0	0	0	0
B2b semduramicin	ML - 2 µg/kg	0	5	0	0	0	0

CL 2016 - sampling of rabbits



bunnies - 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	0,05000	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	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 enrofloxacin	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 gentamycin, neomycin	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	9	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
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 sulfaundexine	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	229,16667	n.d.	n.d.	250,00000	µg/kg
B1 tetracyclines	9	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a albendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a fenbendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a levamisole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2a mebendazole	3	0	0,0	0	0,0	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 tricloabendazole	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2c aldicarb	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2e carprofen	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
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

rabbits - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
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	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a endrin	2	0	0,0	0	0,0	0,00010	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	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3c cadmium	1	0	0,0	0	0,0	0,00250	n.d.	n.d.	0,00250	mg/kg
B3c mercury	1	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	0,00500	n.d.	n.d.	0,00500	mg/kg

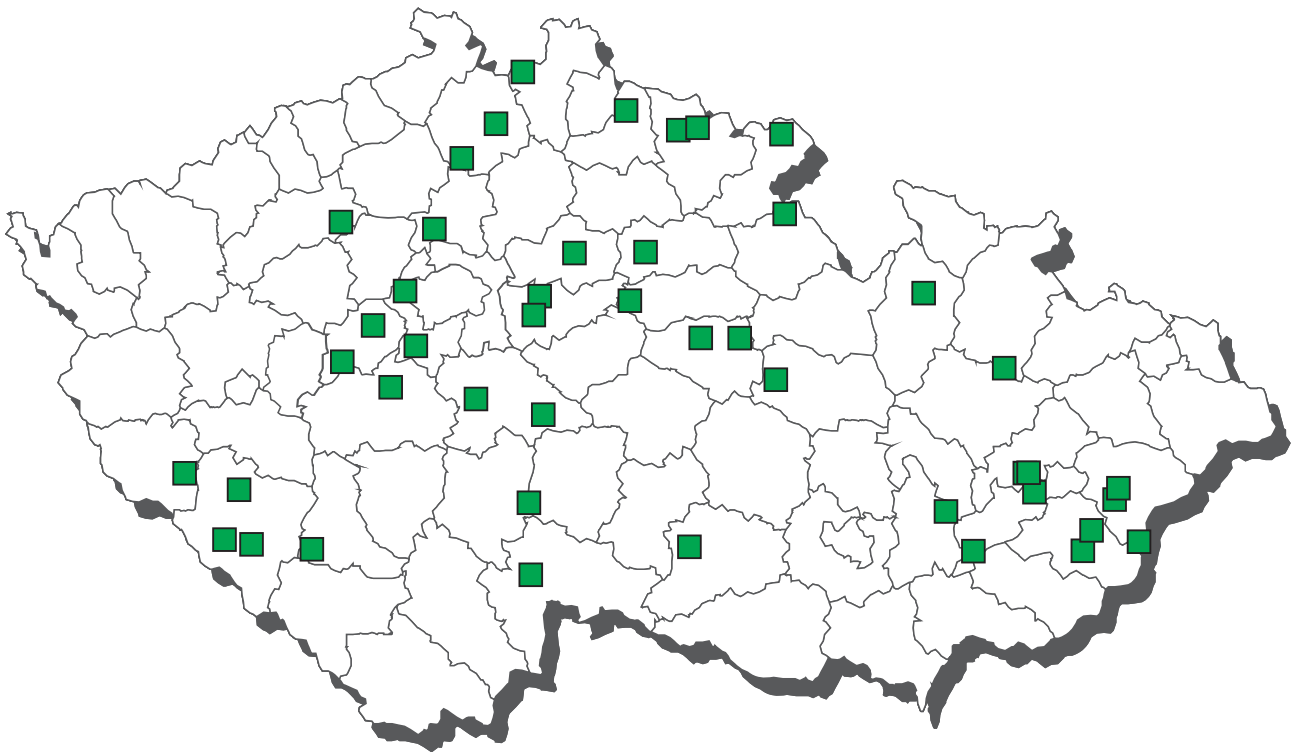
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	9	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	9	0	0	0	0	0
B1 sulfaundersoxine	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 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	1	0	0	0	0	0
B3c cadmium	AL - 0,05 mg/kg	1	0	0	0	0	0
B3c mercury	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	1	0	0	0	0	0

rabbits - liver - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A5 brombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenecyclohexerol	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	4	1	25,0	0	0,0	182,00000	n.d.	507,80000	725,00000	µg/kg
B2b halofuginone	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	5	0	0,0	0	0,0	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	1	20,0	0	0,0	1,45000	n.d.	2,35000	3,25000	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	2	40,0	0	0,0	10,06600	n.d.	26,93600	40,02000	µg/kg
B2b salinomycin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	5	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a 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

CL 2016 - sampling of horses



Horses - non-compliant results 2016



■ oxyphenbutazon - muscle ▲ phenylbutazon - muscle ● cadmium - muscle

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.	kvalit	
B1 danofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1 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.	kvalit	
B1 quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B1 oxolinic acid	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1 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 sulfaundexine	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.	kvalit	
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 lambda-cyhalothrin	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B2c cypermethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c deltamethrin	1	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00150	mg/kg
B2c methiocarb	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c methomyl	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c permethrin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2c propoxur	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B2e carprofen	19	0	0,0	0	0,0	1,38158	n.d.	n.d.	2,50000	µg/kg
B2e diclofenac	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flufenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	19	0	0,0	0	0,0	1,38158	n.d.	n.d.	2,50000	µg/kg
B2e ibuprofen	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ketoprofen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meclofenamic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e mefenamic acid	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e meloxicam	19	0	0,0	0	0,0	1,38158	n.d.	n.d.	2,50000	µg/kg
B2e metamizol	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e naproxen	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e niflumic acid	5	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e oxyphenbutazone	19	1	5,3	1	5,3	10,63158	n.d.	n.d.	179,50000	µg/kg
B2e phenylbutazone	19	1	5,3	1	5,3	4,36842	n.d.	n.d.	60,50000	µg/kg
B2e tolfenamic acid	19	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	19	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (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 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	1	100,0	0	0,0	32,27390	32,27390	32,27390	32,27390	ng/g fat

horses - muscle - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c arsenic	15	0	0,0	0	0,0	0,00400	n.d.	n.d.	0,00500	mg/kg
B3c cadmium	15	15	100,0	1	6,7	0,13667	0,07300	0,12620	1,10500	mg/kg
B3c mercury	15	4	26,7	0	0,0	0,00047	n.d.	0,00050	0,00090	mg/kg
B3c lead	15	1	6,7	0	0,0	0,00533	n.d.	n.d.	0,01000	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1 difloxacin	MRL - 300 µg/kg	2	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	2	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	2	0	0	0	0	0
B1 sulfaundersine	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 ivermectin	MRL - 0,01 mg/kg	1	0	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	1	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	1	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	0	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	1	0	0	0	0	0
B2e carprofen	MRL - 500 µg/kg	19	0	0	0	0	0
B2e flunixin	MRL - 10 µg/kg	19	0	0	0	0	0
B2e meloxicam	MRL - 20 µg/kg	19	0	0	0	0	0
B2e vedaprofen	MRL - 50 µg/kg	19	0	0	0	0	0
B3a aldrin, dieldrin (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	0	1	0	0	0
B3c arsenic	AL - 0,1 mg/kg	15	0	0	0	0	0
B3c cadmium	ML - 0,2 mg/kg	13	1	0	0	0	1
B3c mercury	MRL - 0,01 mg/kg	15	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	15	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
oxyphenbutazone			
4.8.2016	Klatovy	VÁCLAV FIŠER	179,5 µg/kg
phenylbutazone			
4.8.2016	Klatovy	VÁCLAV FIŠER	60,5 µg/kg
cadmium			
22.4.2016	Semily	JOSEF ULRICH	1,105 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 dienolestrol	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 clenclonhexerol	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.	kvalit	
B1 gentamycin, neomycin	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 streptomycines	2	0	0,0	0	0,0	11,25000	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	1	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a 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	1	100,0	0	0,0	5,40000	5,40000	5,40000	5,40000	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
B3d aflatoxin B2	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a 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

horses - liver - monitoring - (continuation)

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3b diazinone	MRL - 0,01 mg/kg	1	0	0	0	0	0
B3b phorate	MRL - 0,02 mg/kg	1	0	0	0	0	0
B3b pyrimiphosmethyl	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	1	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	1	0	0	0	0	0

horses - kidney - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B1 aminoglycosides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 betalactams	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 tetracyclines	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2d acepromazine	1	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	µg/kg
B2d azaperol	1	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B2d azaperone	1	0	0,0	0	0,0	5,50000	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
B3d ochratoxin A	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg

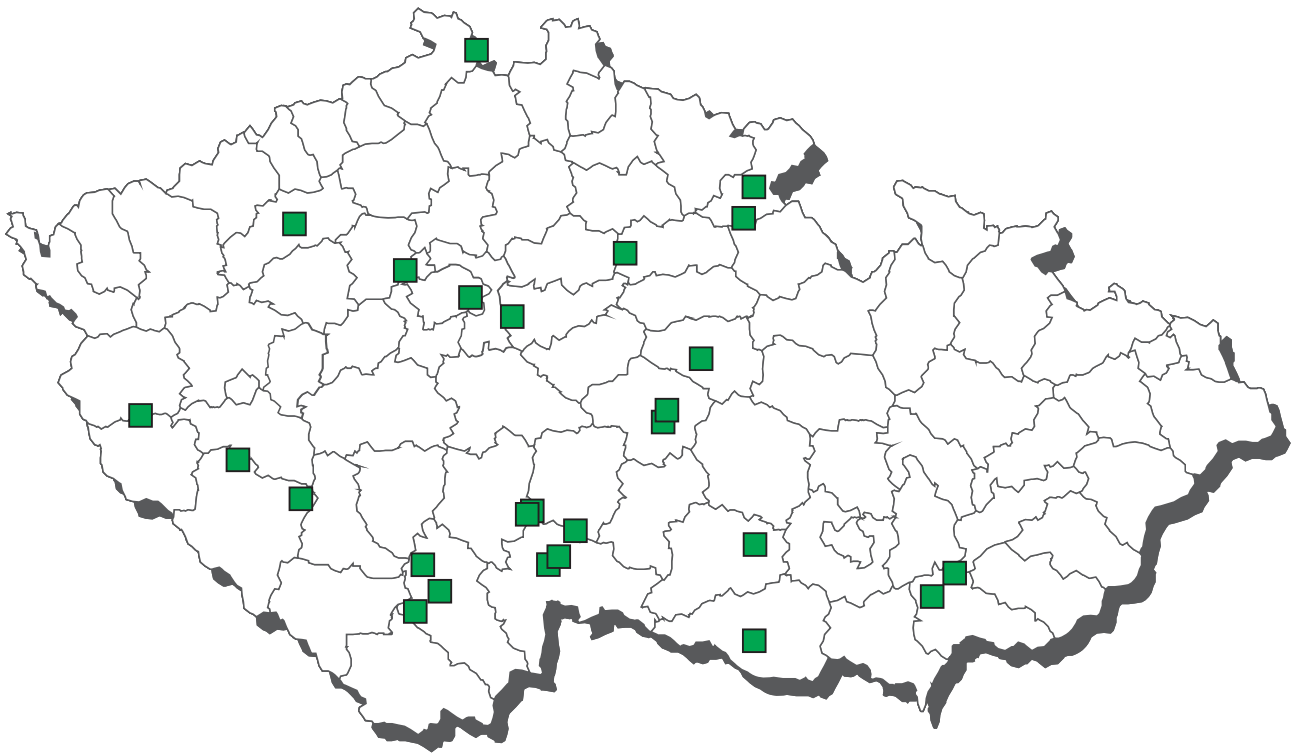
horses - urine - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A1 dienolestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A1 hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/l
A2 tapazole	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A2 thiouracil	1	0	0,0	0	0,0	0,70000	n.d.	n.d.	0,70000	µg/l
A2 methylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A2 propylthiouracil	1	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/l
A3 beclometason	1	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/l
A3 betametason	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/l
A3 17-beta-boldenone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/l
A3 chlortestosterone	1	0	0,0	0	0,0	0,40000	n.d.	n.d.	0,40000	µg/l
A3 dexametazon	1	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/l
A3 flumetason	1	0	0,0	0	0,0	0,65000	n.d.	n.d.	0,65000	µg/l
A3 fluocinolol	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 norclobetol	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

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 2016 - sampling of farmed cloven-hoofed animals



Farmed cloven-hoofed animals - non-compliant results 2016



 diclofenac - muscle

farmed cloven-hoofed animals - muscle

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienolestrol	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	0,05000	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	18	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	18	0	0,0	0	0,0	6,11111	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	18	0	0,0	0	0,0	6,11111	n.d.	n.d.	25,00000	µg/kg
B1 gentamycin, neomycin	18	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	18	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	18	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 oxolinic acid	18	0	0,0	0	0,0	6,11111	n.d.	n.d.	25,00000	µg/kg
B1 sulfachlorpyridazine	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimidine	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimethoxine	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfaundexine	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfamerazine	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxydiazine	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfaquinoxaline	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfathiazole	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxazole	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadiazine	18	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 streptomycines	18	0	0,0	0	0,0	11,94444	n.d.	n.d.	12,50000	µg/kg
B1 tetracyclines	19	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
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	2	0	0,0	0	0,0	0,00300	n.d.	n.d.	0,00500	mg/kg
B2c carbofuran	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c lambda-cyhalothrin	2	0	0,0	0	0,0	0,00080	n.d.	n.d.	0,00150	mg/kg
B2c cypermethrin	2	0	0,0	0	0,0	0,00150	n.d.	n.d.	0,00250	mg/kg
B2c deltamethrin	2	0	0,0	0	0,0	0,00145	n.d.	n.d.	0,00250	mg/kg
B2c methiocarb	2	0	0,0	0	0,0	0,00800	n.d.	n.d.	0,01500	mg/kg
B2c methomyl	2	0	0,0	0	0,0	0,00550	n.d.	n.d.	0,01000	mg/kg
B2c permethrin	2	0	0,0	0	0,0	0,00263	n.d.	n.d.	0,00500	mg/kg
B2c 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	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e diclofenac	3	1	33,3	1	33,3	33,15333	n.d.	77,81800	96,96000	µg/kg
B2e flufenamic acid	1	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e flunixin	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e ibuprofen	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e 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	3	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 meloxicam	3	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	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e phenylbutazone	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e tolfenamic acid	3	0	0,0	0	0,0	1,25000	n.d.	n.d.	1,25000	µg/kg
B2e vedaprofen	3	0	0,0	0	0,0	5,00000	n.d.	n.d.	5,00000	µg/kg
B3a aldrin, dieldrin (suma)	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	9	2	22,2	0	0,0	0,00047	n.d.	0,00110	0,00150	mg/kg
B3a endrin	9	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	9	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	9	0	0,0	0	0,0	0,00019	n.d.	n.d.	0,00050	mg/kg
B3a beta-HCH	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a gama-HCH (lindan)	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3a sum PCB	5	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	4	0	0,0	0	0,0	4,50000	n.d.	n.d.	4,50000	ng/g fat
B3a trans-heptachlorepoxyd	9	0	0,0	0	0,0	0,00023	n.d.	n.d.	0,00050	mg/kg
B3c cadmium	9	1	11,1	0	0,0	0,00300	n.d.	0,00340	0,00700	mg/kg
B3c mercury	9	3	33,3	0	0,0	0,00030	n.d.	0,00052	0,00060	mg/kg
B3c lead	9	1	11,1	0	0,0	0,01356	n.d.	0,02040	0,08200	mg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	MRL - 100 µg/kg	18	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	18	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfaundersoxine	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	18	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	18	0	0	0	0	0
B2c aldicarb	MRL - 0,01 mg/kg	1	1	0	0	0	0
B2c carbofuran	MRL - 0,1 mg/kg	2	0	0	0	0	0
B2c cypermethrin	MRL - 0,2 mg/kg	2	0	0	0	0	0
B2c deltamethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methiocarb	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c methomyl	MRL - 0,02 mg/kg	1	1	0	0	0	0
B2c permethrin	MRL - 0,05 mg/kg	2	0	0	0	0	0
B2c propoxur	MRL - 0,05 mg/kg	2	0	0	0	0	0
B3a aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	9	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3a enundersulfan - sum	MRL - 0,05 mg/kg	9	0	0	0	0	0
B3a hexachlorbenzen	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a heptachlor	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a alfa-HCH	MRL - 0,2 mg/kg	9	0	0	0	0	0
B3a beta-HCH	MRL - 0,1 mg/kg	9	0	0	0	0	0
B3a gama-HCH (lindan)	MRL - 0,02 mg/kg	9	0	0	0	0	0
B3a sum PCB	AL - 40 ng/g fat	4	0	0	0	0	0
B3c cadmium	AL - 0,1 mg/kg	9	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	9	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	8	0	1	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
diclofenac			
2.5.2016	Náchod	VĚRA TLÁSKALOVÁ	96,96 µg/kg

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	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 carbuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimaterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 cimbuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenbuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 chlorbrombuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenclorhexerol	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 clenhexerol	7	0	0,0	0	0,0	0,55000	n.d.	n.d.	0,55000	µg/kg
A5 clenproperol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 clenpenterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 clenisopenterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 fenoterol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 formoterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 hydroxymethylclenbuterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 isoxsuprine	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A5 labetalol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 mabuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 mapenterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 orciprenalini (metaprotenerol)	7	0	0,0	0	0,0	1,90000	n.d.	n.d.	1,90000	µg/kg
A5 pirbuterol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ractopamin	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 ritodrin	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A5 salbutamol	7	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A5 salmeterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 sotalol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 terbutalin	7	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A5 tulobuterol	7	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A5 zilpaterol	7	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	µg/kg
B2a abamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a underramectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a ivermectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a moxidectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2b decoquinat	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b diclazuril	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b halofuginone	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b lasalocid	6	0	0,0	0	0,0	1,75000	n.d.	n.d.	2,50000	µg/kg
B2b maduramicin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b monensin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b narasin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b nicarbazin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b robenidin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b salinomycin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg
B2b semduramicin	6	0	0,0	0	0,0	1,00000	n.d.	n.d.	1,00000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a underramectin	MRL - 100 µg/kg	8	0	0	0	0	0
B2b decoquinat	ML - 20 µg/kg	6	0	0	0	0	0
B2b halofuginone	ML - 30 µg/kg	6	0	0	0	0	0
B2b lasalocid	ML - 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

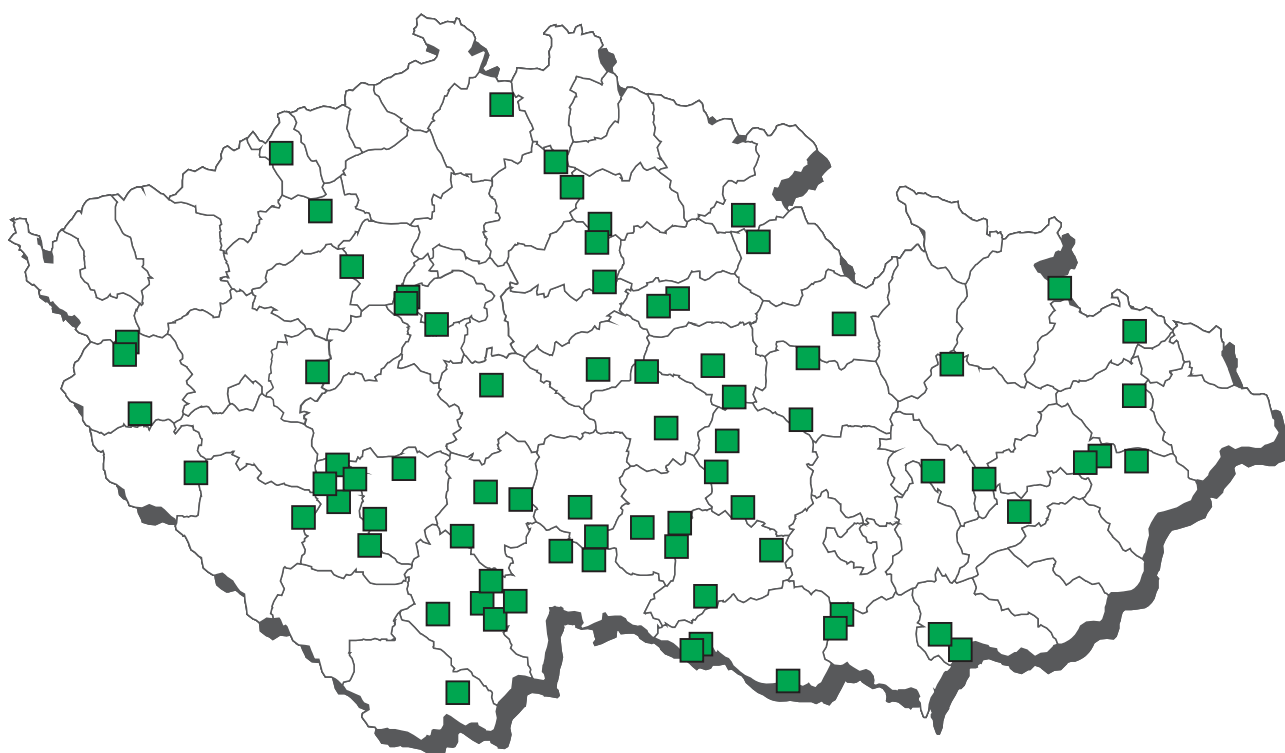
CL 2016 - sampling of farmed wild boar



farmed wild boar (feral pigs) - liver - monitoring

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

CL 2016 - sampling of fresh water fish - carps



Fresh water fish - carps - non-compliant results 2016



 metronidazol - muscle

freshwater fish - carps - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	7	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienooestrol	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1 hexooestrol	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 17-beta-boldenone	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3 chlortestosterone	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3 ethinylestradiol	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3 methylboldenone	6	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3 methyltestosterone	7	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 17-alfa-19-nortestosterone	6	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3 17-beta-19-nortestosterone	6	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3 norclostebol	6	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 17-beta-trenbolonee	9	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 AHD	8	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 AMOZ	8	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 AOZ	8	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 carnidazol	8	0	0,0	0	0,0	0,90000	n.d.	n.d.	0,90000	µg/kg
A6 dimetridazole	8	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 HMMNI	8	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 chloramphenicol	16	0	0,0	0	0,0	0,05000	n.d.	n.d.	0,05000	µg/kg
A6 ipronidazole-OH	8	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 ipronidazole	8	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A6 MNZOH	8	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A6 metronidazole	8	1	12,5	1	12,5	0,71875	n.d.	1,37500	4,00000	µg/kg
A6 ornidazol	8	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 ronidazole	8	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A6 secnidazol	8	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A6 SEM	8	0	0,0	0	0,0	0,50000	n.d.	n.d.	0,50000	µg/kg
A6 ternidazol	8	0	0,0	0	0,0	0,45000	n.d.	n.d.	0,45000	µg/kg
A6 tinidazol	8	0	0,0	0	0,0	0,60000	n.d.	n.d.	0,60000	µg/kg
B1 betalactams	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 danofloxacin	12	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 difloxacin	12	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 enrofloxacin	12	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 flumequine	12	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 gentamycin, neomycin	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 quinolones	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 macrolides	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1 marbofloxacin	12	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 oxolinic acid	12	0	0,0	0	0,0	10,00000	n.d.	n.d.	25,00000	µg/kg
B1 sulfachlorpyridazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimidine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadimethoxine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfaundersine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfamerazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxydiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfaquinoxaline	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfathiazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfamethoxazole	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 sulfadiazine	12	0	0,0	0	0,0	15,00000	n.d.	n.d.	15,00000	µg/kg
B1 tetracyclines	12	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B2a abamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a underramectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a emamectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a eprinomectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a ivermectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a moxidectin	8	0	0,0	0	0,0	2,50000	n.d.	n.d.	2,50000	µg/kg
B2a niclosamid	8	0	0,0	0	0,0	7,50000	n.d.	n.d.	7,50000	µg/kg
B3a aldrin, dieldrin (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	2	100,0	0	0,0	0,00580	0,00580	0,00627	0,00639	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	1,10450	1,10450	1,74810	1,90900	ng/g
B3a toxaphene (sum)	2	0	0,0	0	0,0	0,00068	n.d.	n.d.	0,00100	mg/kg
B3c arsenic	4	3	75,0	0	0,0	0,01450	0,01250	0,02530	0,02800	mg/kg
B3c cadmium	4	0	0,0	0	0,0	0,00213	n.d.	n.d.	0,00250	mg/kg
B3c mercury	16	16	100,0	0	0,0	0,02367	0,02170	0,04195	0,05810	mg/kg
B3c methylmercury	12	11	91,7	0	0,0	0,01725	0,01550	0,02790	0,03700	mg/kg
B3c lead	4	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c tin	12	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg

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

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3d aflatoxin B2	5	0	0,0	0	0,0	0,05500	n.d.	n.d.	0,07500	µg/kg
B3d aflatoxins (sum B1,B2,G1,G3)	5	0	0,0	0	0,0	0,12900	n.d.	n.d.	0,15000	µg/kg
B3e brilliant green	6	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e crystal violet	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucocrystal violet	17	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucomalachite green	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e malachite green	17	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e methylene blue	6	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	12	0	0	0	0	0
B1 difloxacin	MRL - 300 µg/kg	12	0	0	0	0	0
B1 enrofloxacin	MRL - 100 µg/kg	12	0	0	0	0	0
B1 flumequine	MRL - 600 µg/kg	12	0	0	0	0	0
B1 oxolinic acid	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfachlorpyridazine	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfadimidine	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfadimethoxine	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfaundersine	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfamerazine	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfamethoxydiazine	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfaquinoxaline	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfathiazole	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfamethoxazole	MRL - 100 µg/kg	12	0	0	0	0	0
B1 sulfadiazine	MRL - 100 µg/kg	12	0	0	0	0	0
B2a emamectin	MRL - 100 µg/kg	8	0	0	0	0	0
B3a DDT (sum)	AL - 0,5 mg/kg	2	0	0	0	0	0
B3a hexachlorbenzen	AL - 0,05 mg/kg	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	4	0	0	0	0	0
B3c cadmium	ML - 0,05 mg/kg	4	0	0	0	0	0
B3c mercury	ML - 0,5 mg/kg	16	0	0	0	0	0
B3c methylmercury	AL - 0,4 mg/kg	12	0	0	0	0	0
B3c lead	ML - 0,3 mg/kg	4	0	0	0	0	0
B3c tin	AL - 10 mg/kg	12	0	0	0	0	0
B3d aflatoxin B2	AL - 20 µg/kg	5	0	0	0	0	0
B3d aflatoxins (sum B1,B2,G1,G3)	AL - 40 µg/kg	5	0	0	0	0	0
B3e brilliant green	AL - 2 µg/kg	6	0	0	0	0	0
B3e crystal violet	AL - 2 µg/kg	17	0	0	0	0	0
B3e leucocrystal violet	AL - 2 µg/kg	17	0	0	0	0	0
B3e leucomalachite green	AL - 2 µg/kg	17	0	0	0	0	0
B3e malachite green	AL - 2 µg/kg	17	0	0	0	0	0
B3e methylene blue	AL - 2 µg/kg	6	0	0	0	0	0

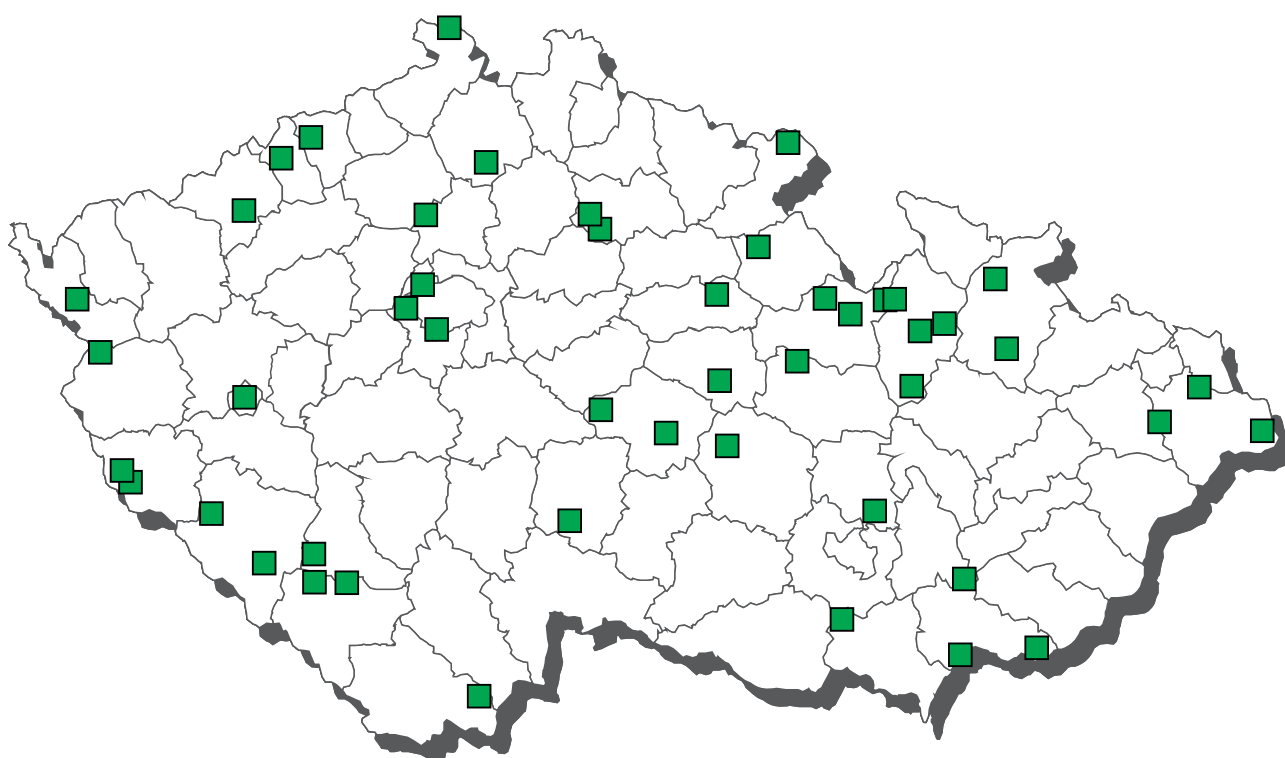
sampling date	cadastral dis. (sampling)	origin	value
metronidazole			
4.2.2016	Tábor	ŠTIČÍ LIHEŇ - ESOX, spol.	4 µg/kg

freshwater fish - carps - muscle - suspect samples

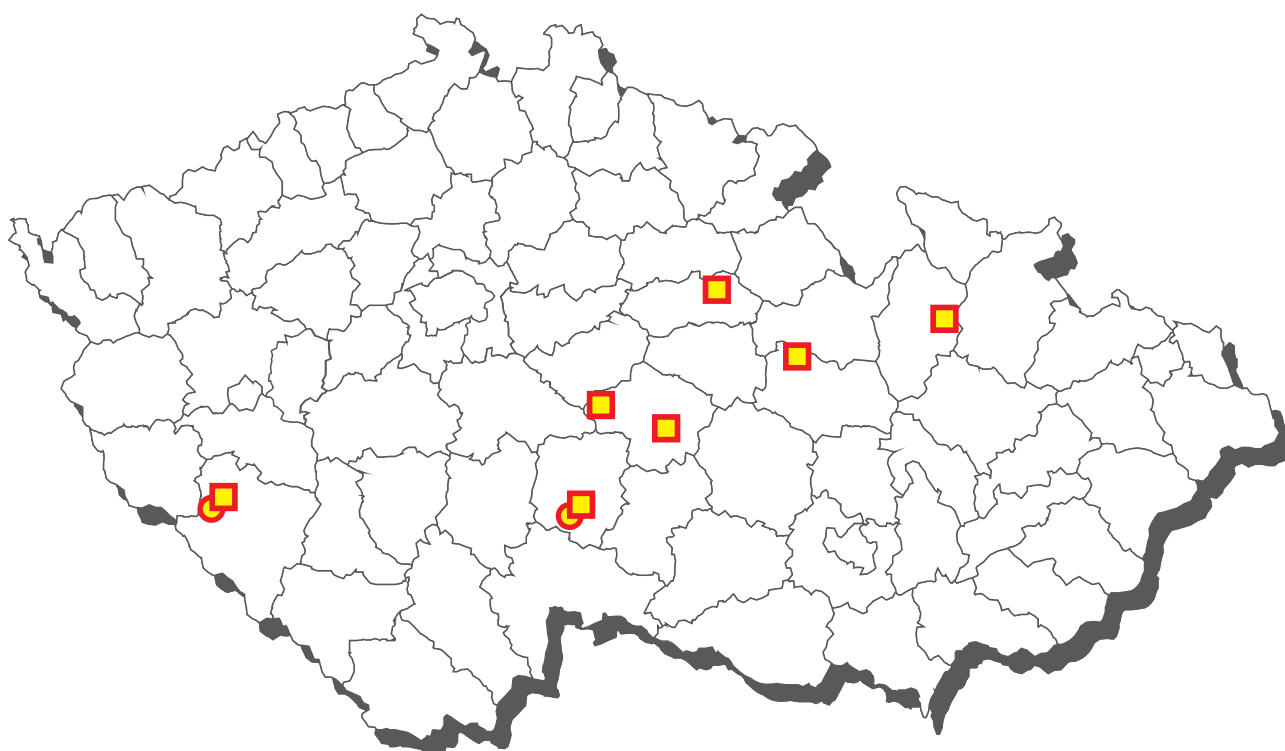
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e brilliant green	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e crystal violet	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucocrystal violet	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucomalachite green	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e malachite green	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e methylene blue	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

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

CL 2016 - sampling of freshwater fish - trouts



Freshwater fish - trouts - non-compliant results 2016



■ leucomalachite green

● leuco-crystal violet

freshwater fish - trouts - monitoring

	analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1	benzoestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	diethylstilbestrol	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1	dienoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1	hexoestrol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-boldenone	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
A3	chlortestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	methylboldenone	1	0	0,0	0	0,0	0,35000	n.d.	n.d.	0,35000	µg/kg
A3	methyltestosterone	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-alfa-19-nortestosterone	1	0	0,0	0	0,0	0,10000	n.d.	n.d.	0,10000	µg/kg
A3	17-beta-19-nortestosterone	1	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A3	norclostebol	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3	17-beta-trenbolone	4	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	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	0,05000	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	2	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.	kvalit	
B1	danofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	difloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	enrofloxacin	2	0	0,0	0	0,0	15,00000	n.d.	n.d.	25,00000	µg/kg
B1	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.	kvalit	
B1	quinolones	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	macrolides	2	0	0,0	0	0,0	0,00000	n.d.	n.d.	kvalit	
B1	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	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	sulfaundexine	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.	kvalit	
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	0,00015	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	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a	toxaphene (sum)	1	0	0,0	0	0,0	0,00100	n.d.	n.d.	0,00100	mg/kg
B3c	arsenic	3	3	100,0	0	0,0	0,43167	0,34200	0,79080	0,90300	mg/kg
B3c	cadmium	3	0	0,0	0	0,0	0,00200	n.d.	n.d.	0,00250	mg/kg
B3c	mercury	4	4	100,0	0	0,0	0,02395	0,02570	0,03077	0,03140	mg/kg
B3c	methylmercury	1	1	100,0	0	0,0	0,01800	0,01800	0,01800	0,01800	mg/kg

freshwater fish - trouts - monitoring - (continuation)

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3c lead	3	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3c tin	1	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3e brilliant green	28	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e crystal violet	65	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucocrystal violet	65	2	3,1	2	3,1	0,27708	n.d.	n.d.	1,67000	µg/kg
B3e leucomalachite green	65	8	12,3	8	12,3	2,50538	n.d.	0,48600	127,70000	µg/kg
B3e malachite green	65	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e methylene blue	28	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	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 sulfaundersine	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 hexachlorbenzen	AL - 0,05 mg/kg	1	0	0	0	0	0
B3a gama-HCH (lindan)	AL - 0,05 mg/kg	1	0	0	0	0	0
B3a sum PCB	ML - 75 ng/g	1	0	0	0	0	0
B3a toxaphene (sum)	AL - 0,1 mg/kg	1	0	0	0	0	0
B3c arsenic	AL - 1 mg/kg	2	0	1	0	0	0
B3c cadmium	ML - 0,05 mg/kg	3	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	1	0	0	0	0	0
B3c lead	ML - 0,3 mg/kg	3	0	0	0	0	0
B3c tin	AL - 10 mg/kg	1	0	0	0	0	0
B3e brilliant green	AL - 2 µg/kg	28	0	0	0	0	0
B3e crystal violet	AL - 2 µg/kg	65	0	0	0	0	0
B3e leucocrystal violet	AL - 2 µg/kg	64	0	1	0	0	0
B3e leucomalachite green	AL - 2 µg/kg	59	3	0	1	0	2
B3e malachite green	AL - 2 µg/kg	65	0	0	0	0	0
B3e methylene blue	AL - 2 µg/kg	28	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
leucocrystal violet			
15.11.2016	Pelhřimov	BioFish s.r.o.	1,67 µg/kg
9.3.2016	Klatovy	MILAN VACOVSKÝ	0,59 µg/kg
leucomalachite green			
15.11.2016	Pelhřimov	BioFish s.r.o.	0,61 µg/kg
15.11.2016	Pelhřimov	BioFish s.r.o.	127,7 µg/kg
9.3.2016	Klatovy	MILAN VACOVSKÝ	19,5 µg/kg
18.10.2016	Mělník	FISH Farm Bohemia s.r.o.	1 µg/kg
2.11.2016	Havlíčkův Brod	Jiří Horák	1,25 µg/kg
2.11.2016	Havlíčkův Brod	Pstruhový ráj s.r.o.	1,03 µg/kg
8.11.2016	Šumperk	DUŠAN JUŘÍK	2,91 µg/kg
27.10.2016	Svitavy	RYBÁŘSTVÍ LITOMYŠL s.r.o.	0,3 µg/kg

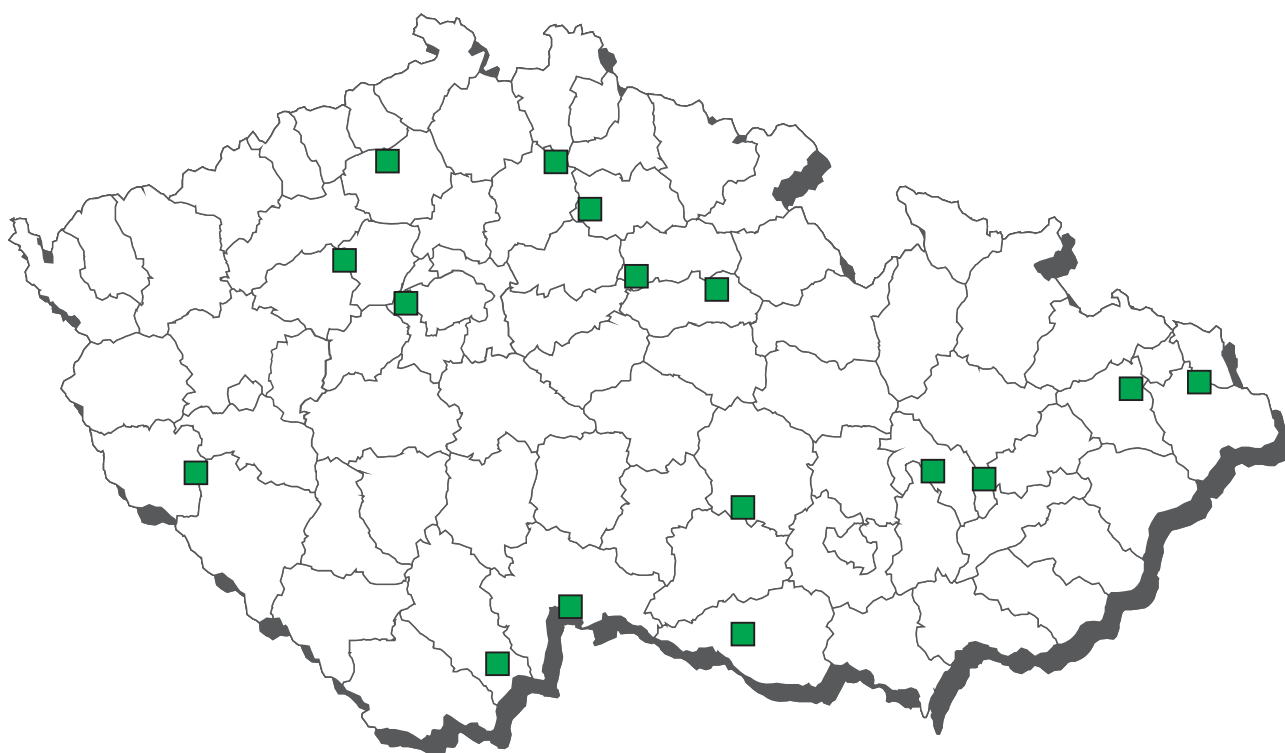
freshwater fish - trouts - suspect samples

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3e brilliant green	2	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	2	40,0	2	40,0	0,77400	n.d.	1,62000	1,86000	µg/kg
B3e leucomalachite green	5	3	60,0	3	60,0	208,36800	3,24000	534,16000	594,20000	µg/kg
B3e malachite green	5	2	40,0	2	40,0	1,00600	n.d.	2,33800	2,53000	µg/kg
B3e methylene blue	2	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3e brilliant green	AL - 2 µg/kg	2	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	3	1	1	0	0	0
B3e leucomalachite green	AL - 2 µg/kg	2	0	0	0	1	2
B3e malachite green	AL - 2 µg/kg	3	0	0	2	0	0
B3e methylene blue	AL - 2 µg/kg	2	0	0	0	0	0

sampling date	cadastral dis. (sampling)	origin	value
leucocrystal violet			
7.12.2016	Pelhřimov	Pelhřimov	1,26 µg/kg
7.12.2016	Pelhřimov	Pelhřimov	1,86 µg/kg
26.4.2016	Klatovy	Klatovy	3,24 µg/kg
7.12.2016	Pelhřimov	Pelhřimov	444,1 µg/kg
7.12.2016	Pelhřimov	Pelhřimov	594,2 µg/kg
7.12.2016	Pelhřimov	Pelhřimov	2,53 µg/kg
7.12.2016	Pelhřimov	Pelhřimov	2,05 µg/kg

CL 2016 - sampling of freshwater fish - other species

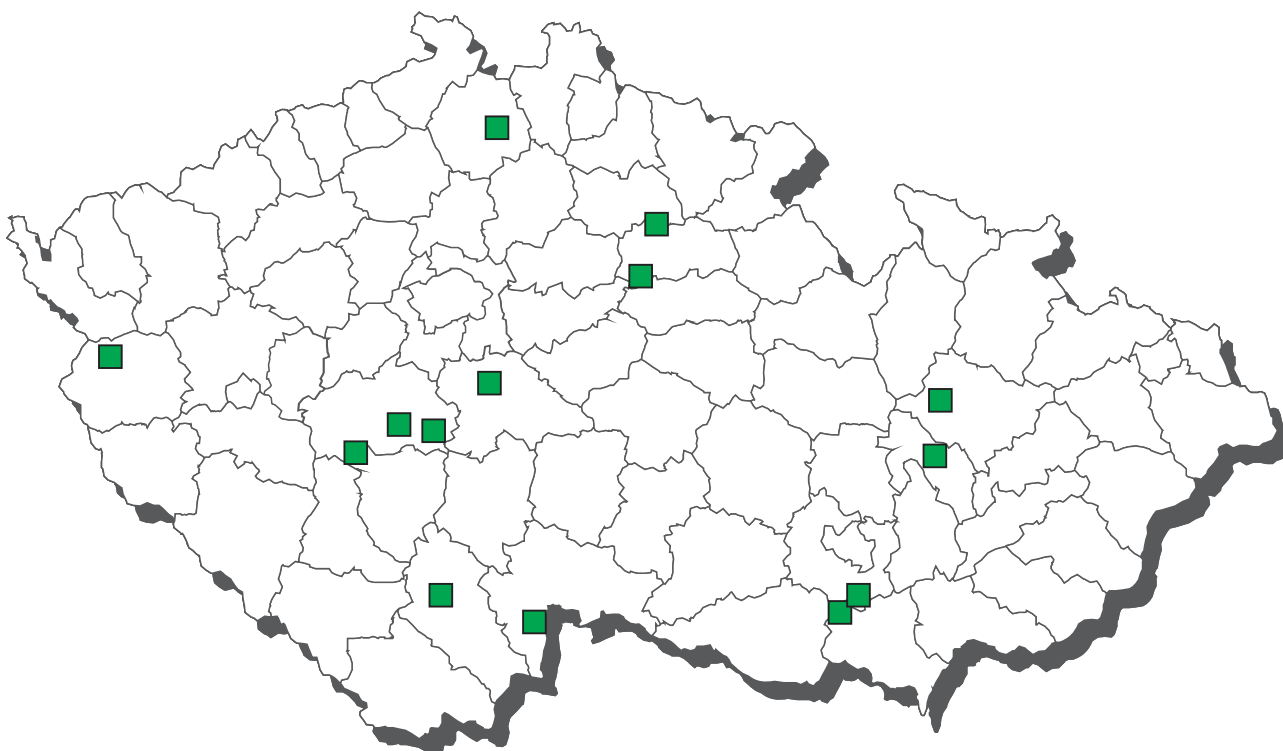


freshwater fish - other species - monitoring

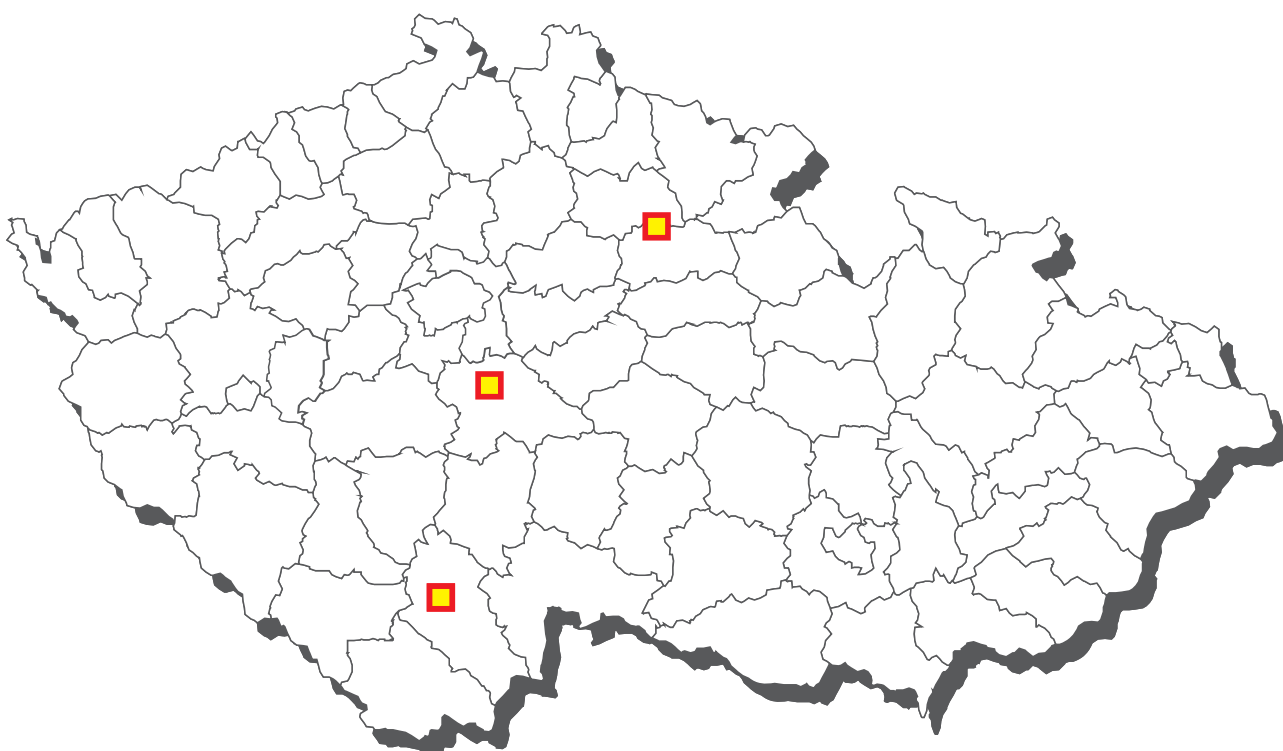
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
A1 benzoestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 diethylstilbestrol	2	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
A1 dienoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A1 hexoestrol	2	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
A3 methyltestosterone	1	0	0,0	0	0,0	0,20000	n.d.	n.d.	0,20000	µg/kg
B3a sum PCB	9	8	88,9	0	0,0	2,33439	1,51130	4,83500	5,92020	ng/g
B3c mercury	2	2	100,0	0	0,0	0,02040	0,02040	0,02592	0,02730	mg/kg
B3c methylmercury	2	2	100,0	0	0,0	0,01600	0,01600	0,02000	0,02100	mg/kg
B3c tin	2	0	0,0	0	0,0	0,00500	n.d.	n.d.	0,00500	mg/kg
B3e brilliant green	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e crystal violet	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucocrystal violet	3	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3e leucomalachite green	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e malachite green	3	0	0,0	0	0,0	0,15000	n.d.	n.d.	0,15000	µg/kg
B3e methylene blue	1	0	0,0	0	0,0	0,25000	n.d.	n.d.	0,25000	µg/kg
B3f WHO-PCDD/F-TEQ	9	9	100,0	0	0,0	0,36233	0,32000	0,54400	0,63200	pg/g
B3f WHO-PCDD/F-PCB-TEQ	9	9	100,0	0	0,0	0,82022	0,68500	1,40200	1,41000	pg/g

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	ML - 75 ng/g	9	0	0	0	0	0
B3c mercury	ML - 0,5 mg/kg	2	0	0	0	0	0
B3c methylmercury	AL - 0,4 mg/kg	2	0	0	0	0	0
B3c tin	AL - 10 mg/kg	2	0	0	0	0	0
B3e brilliant green	AL - 2 µg/kg	1	0	0	0	0	0
B3e crystal violet	AL - 2 µg/kg	3	0	0	0	0	0
B3e leucocrystal violet	AL - 2 µg/kg	3	0	0	0	0	0
B3e leucomalachite green	AL - 2 µg/kg	3	0	0	0	0	0
B3e malachite green	AL - 2 µg/kg	3	0	0	0	0	0
B3e methylene blue	AL - 2 µg/kg	1	0	0	0	0	0
B3f WHO-PCDD/F-TEQ	ML - 3,5 pg/g	9	0	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	ML - 6,5 pg/g	9	0	0	0	0	0

CL 2016 - sampling of pheasants



Pheasants - non-compliant results 2016



 lead - muscle

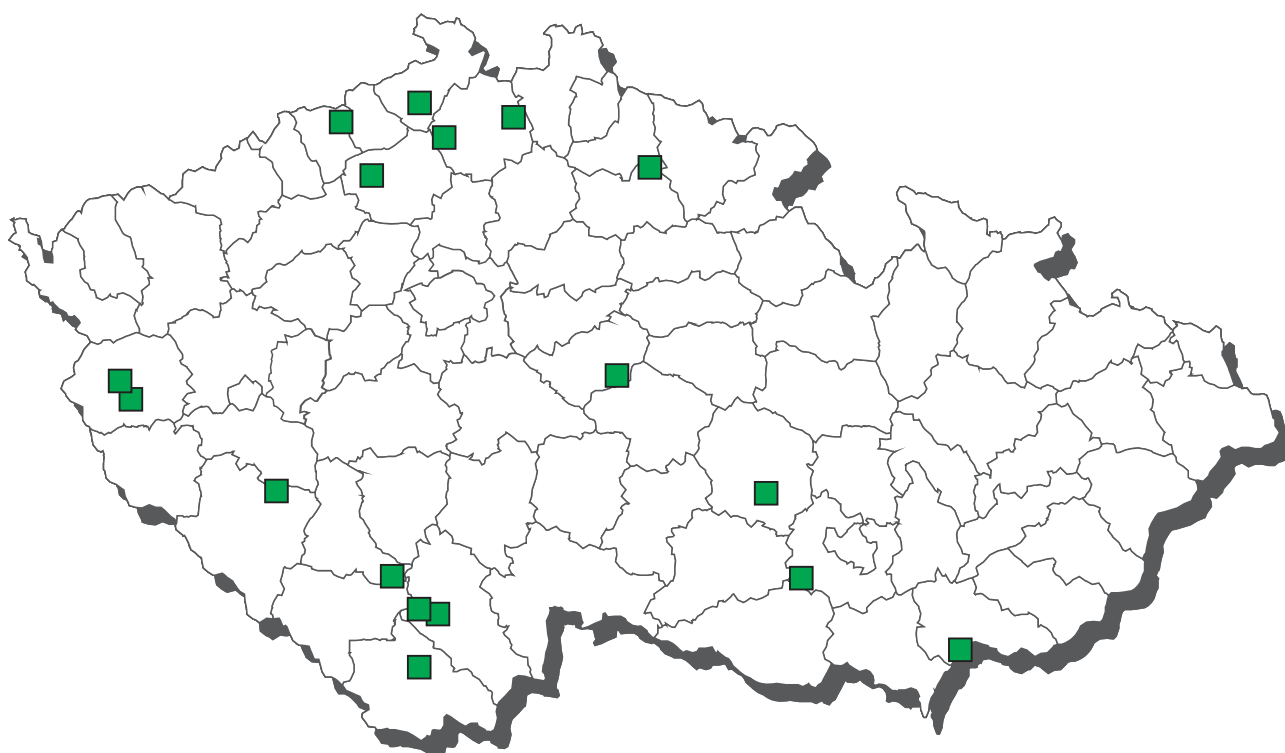
pheasants - muscle - monitoring

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-, beta-HCH (sum)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a alfa-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a beta-HCH	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a gama-HCH (lindan)	1	0	0,0	0	0,0	0,00015	n.d.	n.d.	0,00015	mg/kg
B3a sum PCB	1	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3c cadmium	22	0	0,0	0	0,0	0,00155	n.d.	n.d.	0,00250	mg/kg
B3c mercury	22	3	13,6	0	0,0	0,00044	n.d.	0,00050	0,00100	mg/kg
B3c lead	22	13	59,1	4	18,2	0,07341	0,01000	0,19300	0,56000	mg/kg

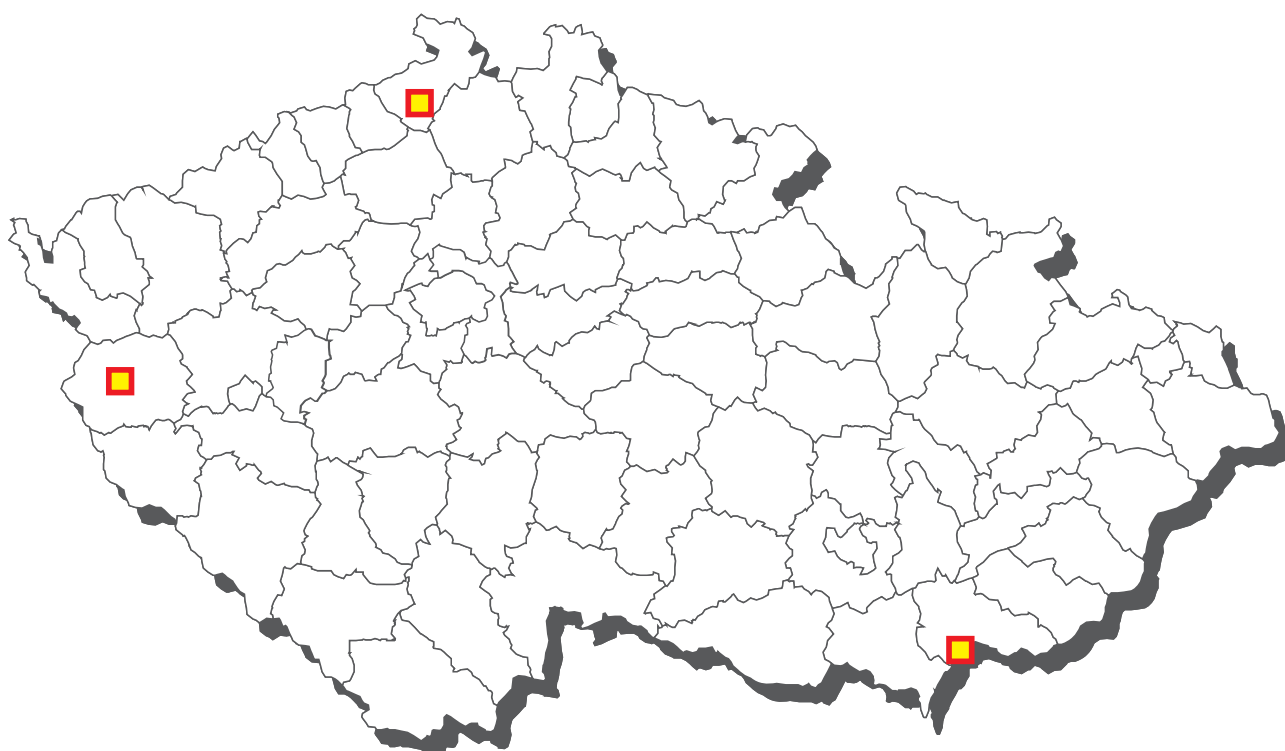
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	1	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	1	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	1	0	0	0	0	0
B3a enundersulfan - sum	MRL - 0,05 mg/kg	1	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
B3c cadmium	AL - 0,1 mg/kg	22	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	22	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	15	1	2	1	0	3

sampling date	cadastral dis. (sampling)	origin	value
lead			
26.10.2016	Cheb	Bříšťany	0,35 mg/kg
8.12.2016	Benešov	KONOPISTĚ	0,2 mg/kg
26.10.2016	Cheb	Stará Obora	0,13 mg/kg
26.10.2016	Cheb	Stará Obora	0,56 mg/kg

CL 2016 - sampling of wild ducks



Wild ducks - non-compliant results 2016



● lead - muscle

wild ducks - muscle - monitoring

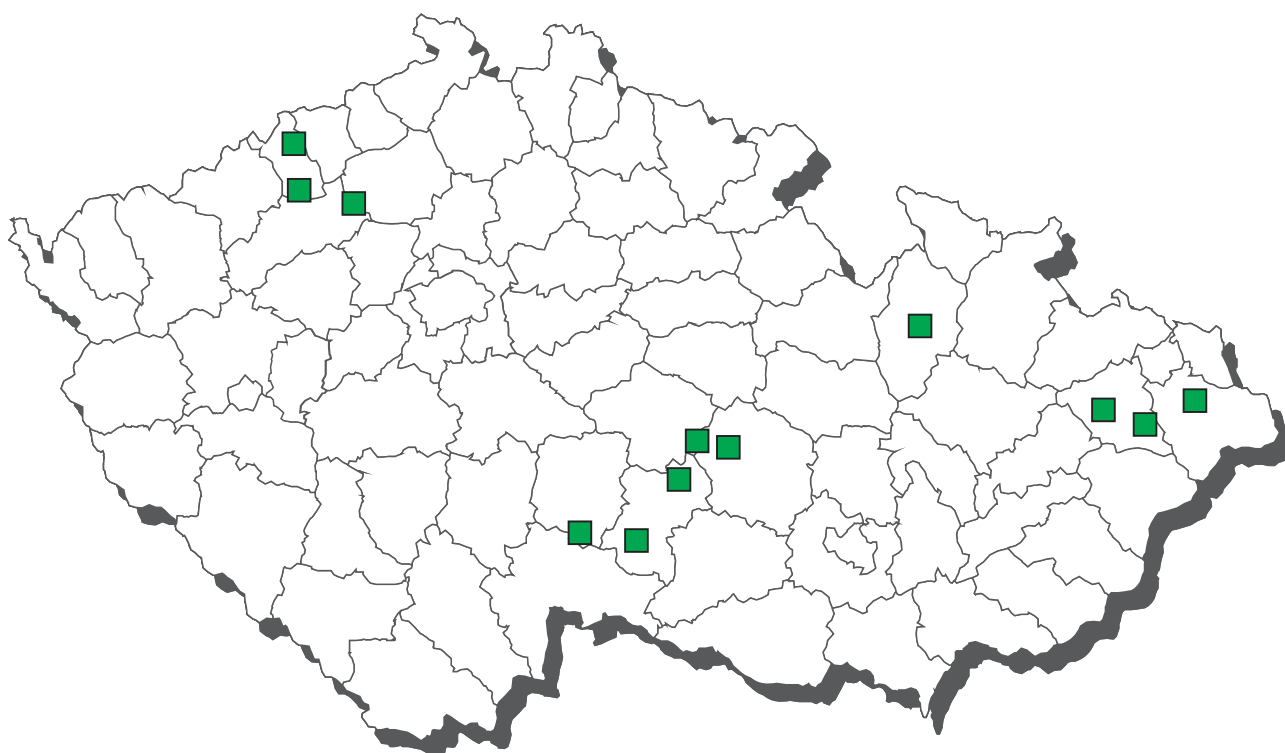
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a aldrin, dieldrin (suma)	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a chlordan	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	3	0	0,0	0	0,0	0,00038	n.d.	n.d.	0,00050	mg/kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	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	1	33,3	0	0,0	14,60000	n.d.	32,10000	39,00000	ng/g fat
B3c cadmium	18	3	16,7	0	0,0	0,00167	n.d.	0,00250	0,00250	mg/kg
B3c mercury	18	14	77,8	0	0,0	0,00669	0,00225	0,01540	0,05400	mg/kg
B3c lead	18	13	72,2	3	16,7	0,06250	0,02000	0,18100	0,35600	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	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
B3c cadmium	AL - 0,1 mg/kg	18	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	17	0	0	1*	0	0
B3c lead	AL - 0,1 mg/kg	13	1	1	1	0	2

* conforms within the uncertainty of determination

sampling date	cadastral district (sampling)	origin	value
lead			
5.10.2016	Tachov	Tisová	0,13 mg/kg
12.9.2016	Znojmo	Rybářství Houndernín, s.r.o	0,356 mg/kg
29.9.2016	Děčín	Ovesná	0,3 mg/kg

CL 2016 - sampling of hares



Hares - non-compliant results 2016



 lead - muscle

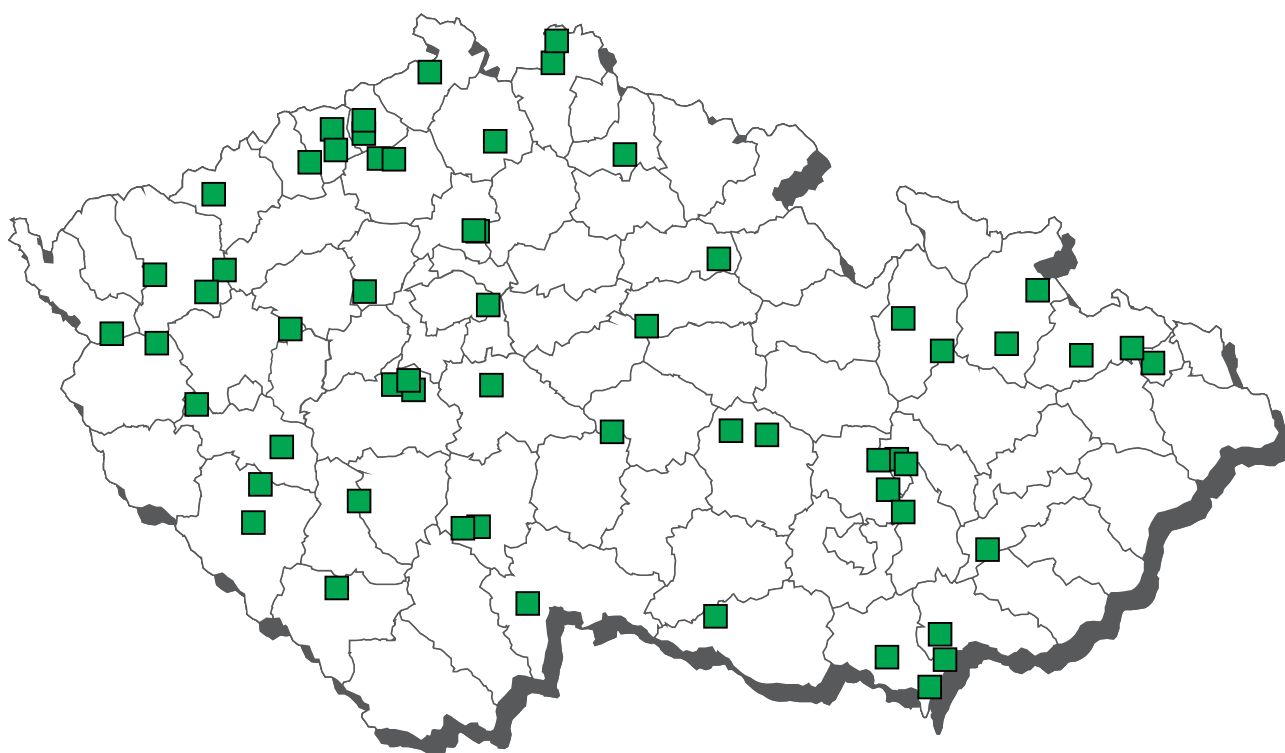
hares - muscle - monitoring

analyte	n	pozit.	%poz.	n+	%+	average	median	90% quanti	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	0,30000	n.d.	n.d.	0,30000	ng/g
B3c cadmium	9	1	11,1	0	0,0	0,00317	n.d.	0,00400	0,01000	mg/kg
B3c mercury	9	2	22,2	0	0,0	0,00062	n.d.	0,00104	0,00320	mg/kg
B3c lead	9	3	33,3	1	11,1	0,10422	n.d.	0,19120	0,87600	mg/kg

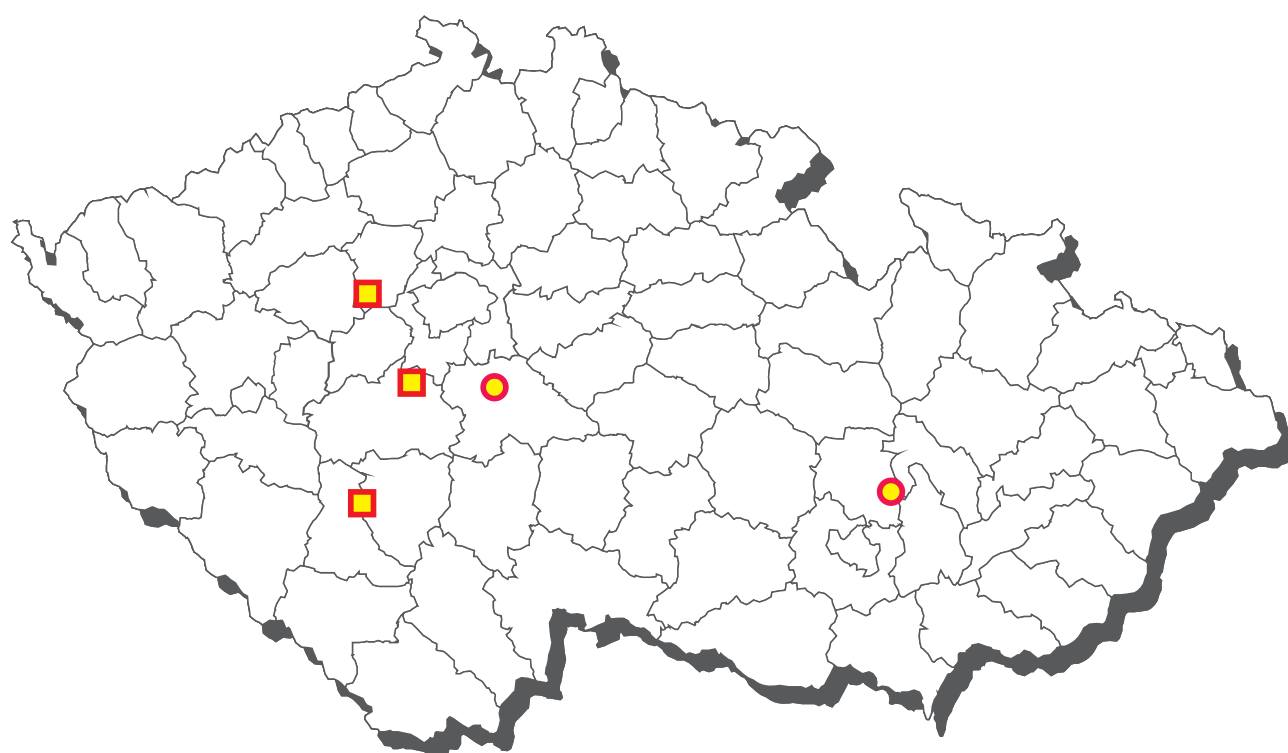
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin, dieldrin (suma)	MRL - 0,2 mg/kg	3	0	0	0	0	0
B3a chlordan	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a DDT (sum)	MRL - 1 mg/kg	3	0	0	0	0	0
B3a endrin	MRL - 0,05 mg/kg	3	0	0	0	0	0
B3a enundersulfan - sum	MRL - 0,05 mg/kg	3	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
B3c cadmium	AL - 0,1 mg/kg	9	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	9	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	8	0	0	0	0	1

sampling date	cadastral district (sampling)	origin	value
lead			
27.4.2016	Havlíčkův Brod	Hřiště	0,876 mg/kg

CL 2016 - sampling of wild boar (feral pigs)



Wild boar (feral pigs) - non-compliant results 2016



■ PCB - sum - muscle

● lead - muscle

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	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	7	6	85,7	0	0,0	0,04407	0,02503	0,09008	0,14690	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	0,00040	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	7	5	71,4	0	0,0	0,00224	0,00230	0,00391	0,00440	mg/kg
B3a heptachlor	7	0	0,0	0	0,0	0,00040	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	0	0,0	0	0,0	0,30000	n.d.	n.d.	0,30000	ng/g
B3a sum PCB	8	7	87,5	3	37,5	58,53025	40,65150	124,62351	142,41170	ng/g fat
B3c cadmium	38	6	15,8	0	0,0	0,00217	n.d.	0,00265	0,00800	mg/kg
B3c mercury	38	37	97,4	0	0,0	0,00444	0,00285	0,00837	0,03710	mg/kg
B3c lead	38	17	44,7	2	5,3	2,89524	n.d.	0,05540	75,80000	mg/kg
B3f WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,01920	0,01920	0,01920	0,01920	pg/g
B3f WHO-PCDD/F-TEQ	2	2	100,0	0	0,0	0,78100	0,78100	1,10020	1,18000	pg/g fat
B3f WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,02200	0,02200	0,02200	0,02200	pg/g
B3f WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	1,41350	1,41350	1,97070	2,11000	pg/g fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	AL - 40 ng/g fat	3	1	0	1*	0	3
B3c cadmium	AL - 0,1 mg/kg	38	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	37	1	0	0	0	0
B3c lead	AL - 0,1 mg/kg	32	3	1	0	0	2
B3f WHO-PCDD/F-TEQ	AL - 2 pg/g fat	1	1	0	0	0	0
B3f WHO-PCDD/F-PCB-TEQ	AL - 4 pg/g fat	1	1	0	0	0	0

*conforms within the uncertainty of determination

sampling date	cadastral dis. (sampling)	origin	value
sum PCB			
10.6.2016	Strakonice	OboraSedlice	89 ng/g fat
24.2.2016	Rokycany	Lánské Lesy	142,4117 ng/g fat
7.9.2016	Žďár over Sázavou	Králova Stolice	117 ng/g fat
lead			
3.3.2016	Klatovy	KONOPIŠTĚ	33,7 mg/kg
16.11.2016	Blansko	Holštejn-Bílá voda	75,8 mg/kg

wild boar (feral pigs) - muscle - suspect samples

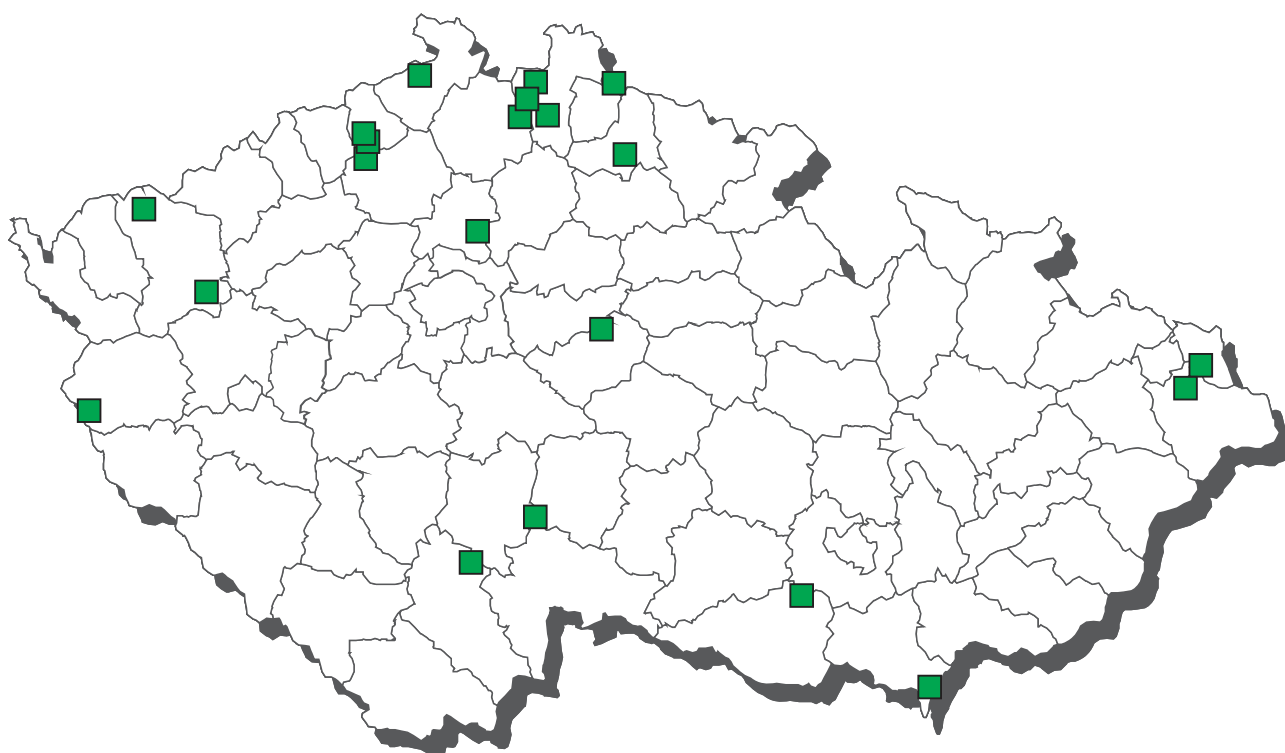
analyte	n	pozit.	%poz.	n+	%+	average	median	90% quantil	maximum	unit
B3a sum PCB	5	4	80,0	0	0,0	30,51658	26,36880	48,76122	52,43910	ng/g fat

analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a sum PCB	AL - 40 ng/g fat	1	2	0	2	0	0

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 2016 - sampling of other cloven-hoofed animals

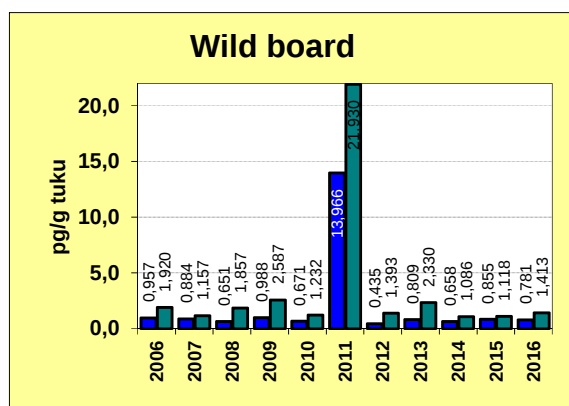
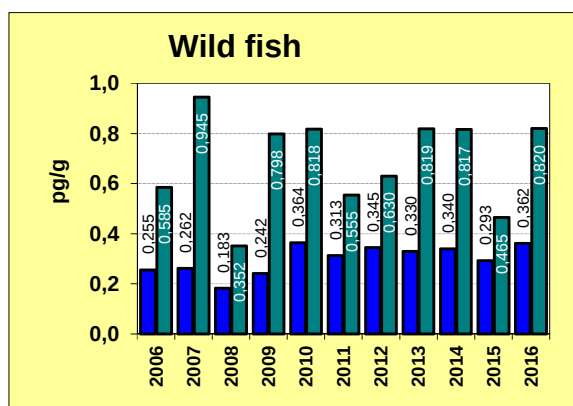
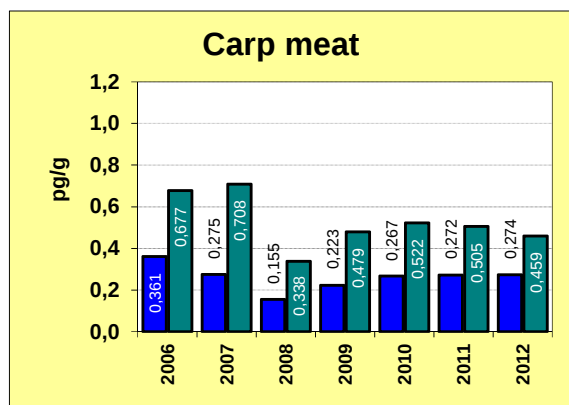
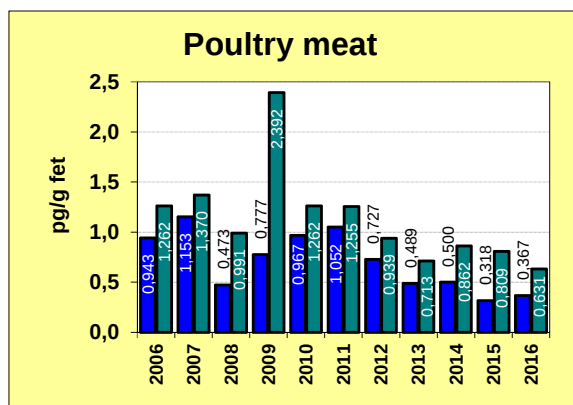
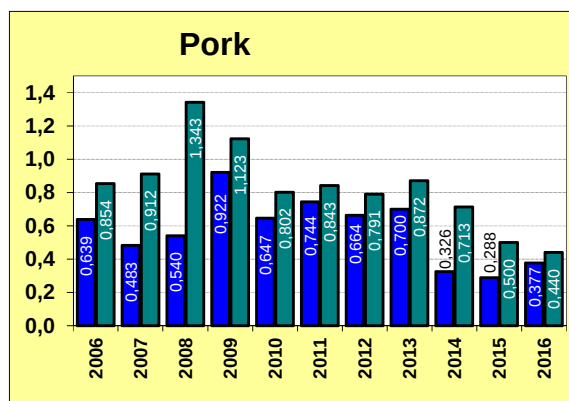
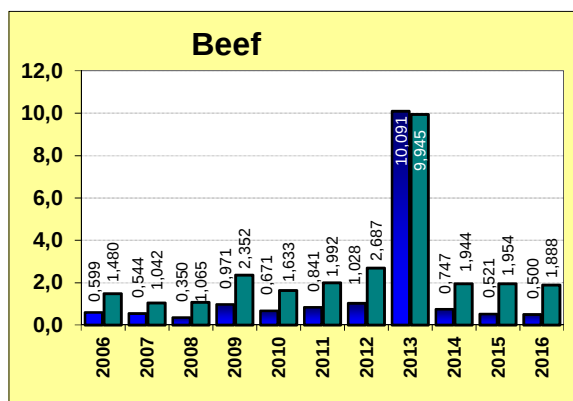


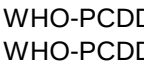
other cloven-hoofed animals - muscle - monitoring

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	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a DDT (sum)	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a endrin	3	0	0,0	0	0,0	0,00010	n.d.	n.d.	0,00010	mg/kg
B3a enundersulfan - sum	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a hexachlorbenzen	3	0	0,0	0	0,0	0,00027	n.d.	n.d.	0,00050	mg/kg
B3a heptachlor	3	0	0,0	0	0,0	0,00050	n.d.	n.d.	0,00050	mg/kg
B3a alfa-HCH	3	0	0,0	0	0,0	0,00027	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	1	33,3	0	0,0	0,00045	n.d.	0,00066	0,00070	mg/kg
B3a sum PCB	3	0	0,0	0	0,0	2,60000	n.d.	n.d.	4,50000	ng/g fat
B3c cadmium	23	4	17,4	0	0,0	0,00167	n.d.	0,00250	0,00400	mg/kg
B3c mercury	23	8	34,8	0	0,0	0,00093	n.d.	0,00100	0,00800	mg/kg
B3c lead	23	6	26,1	0	0,0	0,00674	n.d.	0,01000	0,02000	mg/kg

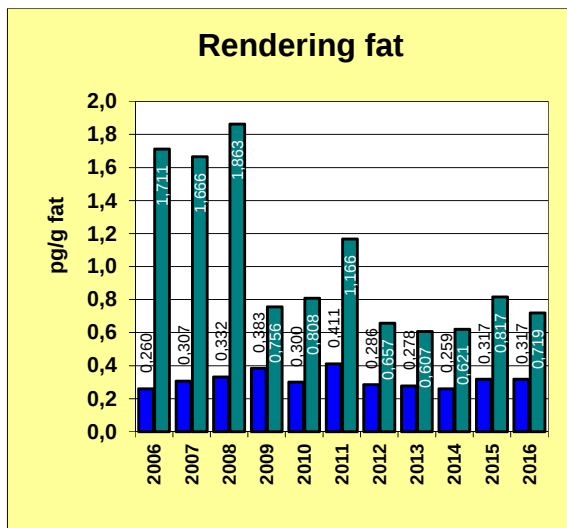
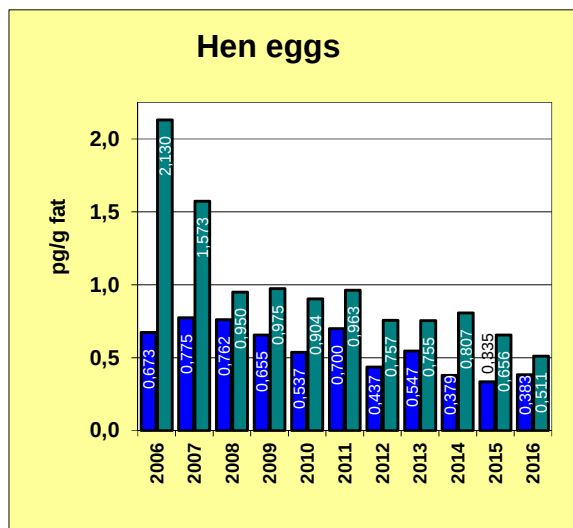
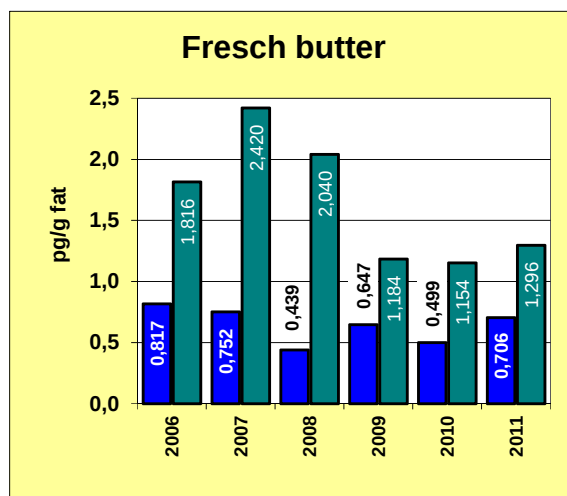
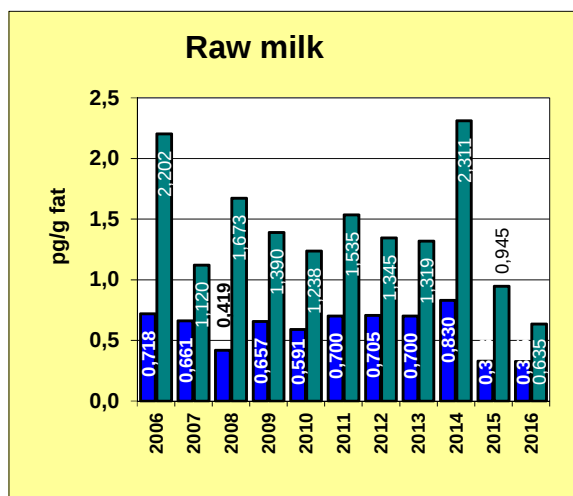
analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	AL - 0,1 mg/kg	23	0	0	0	0	0
B3c mercury	AL - 0,05 mg/kg	23	0	0	0	0	0
B3c lead	AL - 0,1 mg/kg	23	0	0	0	0	0

The average dioxins content in foodstuffs and raw material



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

The average dioxins content in foodstuffs and raw material



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