

RESULTS OF THE NATIONAL PLAN FOR CONTROL OF RESIDUES AND CONTAMINANTS - PNCRC 2020

ANIMAL SPECIES/ CATEGORY	MONITORED COMPOUNDS	MATRIX	NUMBER OF TESTED SAMPLES	NUMBER OF NON-COMPLIANT SAMPLES	% OF NON-COMPLIANT SAMPLES	% OF COMPLIANT SAMPLES
BROILERS	Amprolium, Clopidol, Decoquinat, Diaveridin, Diclazuril, Ethopabate , Lasalocid, Maduramicin, Monensin, Narasin, Nicarbazin, Robenidin, Salinomycin, Senduramycin, Toltrazuril, Trimethoprim and Dichloroisovertinic acid	MUSCLE	620	2	0.32%	99.68%
	Amikacin, Amoxycillin, Ampicillin, Apramycin, Cefazolin, Clindamycin, Chlortetracycline, Dihydrostreptomycin, Doxycycline, Erythromycin, Spectinomycin, Streptomycin, Gentamicin, Hygromycin, Kanamycin, Lincomycin, Neomycin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Tetracycline, Tilmicosin, Tylosin and Tobramycin	KIDNEY	643	0	0.00%	100.00%
	Nalidixic acid, Oxolin acid, Azithromycin, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Flumequin, Lincomycin, Norfloxacin, Oxytetracycline, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Tilmicosin, Tylosin and Trimethoprim	MUSCLE	538	1	0.19%	99.81%
	Nalidixic acid, Oxolin acid, Amikacin, Amoxycillin, Ampicillin, Apramycin, Azithromycin, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cefquinom, Ceftiofur, Ciprofloxacin, Chlortetracycline, Cloxacillin, Danofloxacin, Dicloxacillin, Difloxacin, Dihydrostreptomycin, Doxycycline, Enrofloxacin, Erythromycin, Spectinomycin, Spiramycin, Streptomycin, Flumequin, Gentamicin, Hygromycin, Kanamycin, Lincomycin, Nafcillin, Neomycin, Norfloxacin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Sarafloxacin, Sum of enrofloxacin and ciprofloxacin, Sum of chlortetracycline/oxytetracycline/tetracycline, Sum of sulfonamides , Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Tetracycline, Tilmicosin, Tylosin, Tobramycin , Trimethoprim and Clindamycin	MUSCLE	67	0	0.00%	100.00%
	Furaltadone/AMOX, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	MUSCLE	284	0	0.00%	100.00%
	Chloramphenicol, Florfenicol and Thiamphenicol	MUSCLE	207	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Closantel, Dimetridazole, Dimetridazole - Hydroxy, Oxfendazole sulphone equivalent, Febantel, Fenbendazol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Thiabendazole and Triclabendazol	MUSCLE	96	0	0.00%	100.00%
	Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	LIVER	77	2	2.60%	97.40%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor, Heptachlor, OP-DDE, OP-DDT, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PP-DDD, PP-DDE, PP-DDT and Chlordan, trans	FAT	31	0	0.00%	100.00%

SLAUGHTERED BOVINE	Mercury	MUSCLE	33	0	0.00%	100.00%
	Arsenic (total), Cadmium and Lead	LIVER	151	0	0.00%	100.00%
	PCDD/F-PCB-DL-TEQ-OMS (PG TEQ-WHO/G) and PCDD/F-TEQ-OMS (PG TEQ-WHO/G)	FAT	260	0	0.00%	100.00%
	Aflatoxin B1 and Ochratoxin A	LIVER	21	0	0.00%	100.00%
	(1)	MUSCLE	37	0	0.00%	100.00%
	Diethylstilbestrol, Zearalanon and Zeranol	LIVER	36	0	0.00%	100.00%
	TOTAL - POULTRY		3101	5	0.16%	99.84%
	4-Methylaminoantipyrine , Carprofen , Ketoprofen, Diclofen, Phenylbutazone, Flunixin meglumine, Indomethacin, Meloxicam, Naproxen, Nimesulide, Piroxicam, Propyphenazon, Mefenaminacid and Tolfenaminsacid	MUSCLE	112	0	0.00%	100.00%
	Amprolium, Lasalocid, Monensin, Narasin, Salinomycin and Toltrazuril	MUSCLE	31	0	0.00%	100.00%
	Betamethasone, Dexamethasone, Prednisolon and Prednison	LIVER	69	0	0.00%	100.00%
	Amikacin, Amoxycillin, Ampicillin, Apramycin, Cefazolin, Clindamycin, Chlortetracycline, Dihydrostreptomycin, Doxycycline, Erythromycin, Spectinomycin, Streptomycin, Gentamicin, Hygromycin, Kanamycin, Lincomycin, Neomycin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Tetracycline, Tilmicosin, Tylosin and Tobramycin	KIDNEY	598	0	0.00%	100.00%
	Nalidixinacid, Oxolin acid, Azithromycin, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Flumequin, Lincomycin, Norfloxacin, Oxytetracycline, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Tilmicosin, Tylosin and Trimethoprim	MUSCLE	509	0	0.00%	100.00%
	Nalidixinacid, Oxolin acid, Amoxycillin, Ampicillin, Apramycin, Azithromycin, Cefquinom, Ceftiofur, Ciprofloxacin, Chlortetracycline, Danofloxacin, Dicloxacillin, Difloxacin, Dihydrostreptomycin, Doxycycline, Enrofloxacin, Erythromycin, Spectinomycin, Spiramycin, Streptomycin, Flumequin, Kanamycin, Lincomycin, Neomycin, Norfloxacin, Oxytetracycline, Penicillin G, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Amikacin, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cloxacillin, Gentamicin, Hygromycin, Nafcillin, Oxacillin, Sum of enrofloxacin and ciprofloxacin, Sum of chlortetracycline/oxytetracycline/tetracycline, Sum of dihydrostreptomycin and streptomycin, Sum of sulfonamides , Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Tetracycline, Tilmicosin, Tylosin, Tobramycin , Trimethoprim, Penicillin V and Clindamycin	MUSCLE	74	0	0.00%	100.00%
	Chloramphenicol, Florfenicol and Thiamphenicol	MUSCLE	97	0	0.00%	100.00%
	Abamectin, Doramectin, Eprinomectin, Fipronil , Ivermectin, Monensin, Moxidectin and Sisapronil	LIVER	204	1	0.49%	99.51%

	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Dimetridazole, Dimetridazole - Hydroxy, Oxfendazole sulphone equivalent, Febantel, Fenbendazol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Sum of thiabendazole and 5-hydroxythiabendazole, Thiabendazole, 5-hydroxythiabendazole, Triclabendazol and Thiabendazole sulphone	MUSCLE	134	0	0.00%	100.00%
	Abamectin, Doramectin, Eprinomectin, Fipronil , Ivermectin, Monensin and Moxidectin	LIVER	163	0	0.00%	100.00%
	Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	URINE	300	5	1.67%	98.33%
	Ractopamin	MUSCLE	97	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor, Heptachlor, OP-DDE, OP-DDT, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PP-DDD, PP-DDE, PP-DDT and Chlordan, trans	FAT	30	0	0.00%	100.00%
	Arsenic (total), Cadmium and Lead	KIDNEY	83	1	1.20%	98.80%
	Mercury	MUSCLE	34	0	0.00%	100.00%
	Aflatoxin B1, Aflatoxin B2 - AFG2, Aflatoxin G1 - AFG1, Aflatoxin G2 - AFG2, Citreoviridin - CIT, Deoxynivalenol - DON, HT-2 Mycotoxin, T-2 Mycotoxin, Ochratoxin A and Zearalanon	LIVER	18	0	0.00%	100.00%
	(1)	MUSCLE	120	0	0.00%	100.00%
	Acebutolol , Acepromazin, Atenolol, Azaperol, Azaperon, Betaxolol , Bisoprolol, Carazolol, Carvedilol, Chlorpromazin, Labetalol, Metoprolol, Nadolol, Nebivolol, Penbutolol, Pindolol, Propranolol , Sotalol and Xylazine	KIDNEY	62	0	0.00%	100.00%
	6-propil-2-thiouracil, 5-methyl-2-thiouracil and Tapazol	URINE	82	0	0.00%	100.00%
	Beta-Hydroxystanozolol, Alfa-Trenbolon , Beta-Boldenone, Diethylstilbestrol, Dienestrol, Ethisteron, Hexestrol, Methenolon, Methylboldenon, Norethandrolon and Zeranol	URINE	535	0	0.00%	100.00%
	TOTAL - SLAUGHTERED BOVINE		3352	7	0.21%	99.79%
FARMED SHRIMP	Chloramphenicol, Chlortetracycline, Doxycycline, Florfenicol, Oxytetracycline, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline and Thiamphenicol	MUSCLE	20	0	0.00%	100.00%
	Furaltadone/AMAZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	MUSCLE	62	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Closantel, Dimetridazole, Dimetridazole - Hydroxy, Febantel, Fenbendazol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Thiabendazole, 5-hydroxythiabendazole, Triclabendazol and Thiabendazole sulphone	MUSCLE	8	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor, Heptachlor, OP-DDT, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, PP-DDD, PP-DDE, PP-DDT, Sum DDTs, Chlordan, trans , Sum Andrin, Dieldrin , Sum Chlordan, cis- trans-, Sum Heptachlor, Heptachlorepoxyd and Sum PCBs	MUSCLE	16	0	0.00%	100.00%

EQUINE	Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	14	0	0.00%	100.00%
	Cristallviolet and Malachite green	MUSCLE	30	0	0.00%	100.00%
	Benzo(a)anthracene, Benzopyren, Benzopyren Equivalents (ANVISA 2019), Benzo(b)fluoranthene, Benzo[ghi]perylene, Benzo(k)fluoranthene , Criseno, Dibenz[a,h]anthracene, Indeno[1,2,3-cd]pyrene and Sum 4 PAHs	MUSCLE	15	0	0.00%	100.00%
	TOTAL - FARMED SHRIMP		165	0	0.00%	100.00%
	Phenylbutazone and Flunixin meglumine	MUSCLE	17	0	0.00%	100.00%
	Betamethasone, Dexamethasone, Prednisolon and Prednison	LIVER	10	0	0.00%	100.00%
	Nalidixinaid, Oxolin acid, Azithromycin, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Flumequin, Lincomycin, Norfloxacin, Oxytetracycline, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinolaxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Tilmicosin, Tylosin and Trimethoprim	MUSCLE	9	0	0.00%	100.00%
	Abamectin, Doramectin, Eprinomectin, Ivermectin and Moxidectin	LIVER	5	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Dimetridazole, Dimetridazole - Hydroxy, Oxfendazole sulphone equivalent, Febantel, Fenbendazol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Sum of thiabendazole and 5-hydroxythiabendazole, Thiabendazole, 5-hydroxythiabendazole, Triclabendazol and Thiabendazole sulphone	MUSCLE	7	0	0.00%	100.00%
	Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	URINE	5	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieltrin, Dodecachlor, HCH, gamma , HCB, Heptachlor, Heptachlor, OP-DDE, OP-DDT, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PP-DDD, PP-DDE, PP-DDT and Chlordan, trans	FAT	6	0	0.00%	100.00%
	Arsenic (total), Cadmium and Lead	MUSCLE*	28	1	3.57%	96.43%
	Aflatoxin B1, Aflatoxin B2 - AFG2, Aflatoxin G1 - AFG1, Aflatoxin G2 - AFG2, Citreoviridin - CIT, Deoxynivalenol - DON, Fumonisin B1 - FB1, Fumonisin B2 - FB2, HT-2 Mycotoxin, T-2 Mycotoxin, Ochratoxin A and Zearalanon	LIVER	8	0	0.00%	100.00%
	(1)	MUSCLE	8	0	0.00%	100.00%
HONEY	Acebutolol , Acepromazin, Atenolol, Azaperol, Azaperon, Betaxolol , Bisoprolol, Carazolol, Carvedilol, Chlorpromazin, Labetalol, Metoprolol, Nadolol, Nebivolol, Penbutolol, Pindolol, Propranolol , Sotalol and Xylazine	KIDNEY	13	0	0.00%	100.00%
	2-Thiouracil, 6-propil-2-thiouracil, 5-methyl-2-thiouracil and Tapazol	URINE	5	0	0.00%	100.00%
	Beta-Hydroxystanozolol, Alfa-Trenbolon , Beta-Boldenone, Diethylstilbestrol, Dienestrol, Ethisteron, Hexestrol, Methenolon, Methylboldenon, Norethandrolon and Zeranol	URINE	8	0	0.00%	100.00%
	TOTAL - EQUINE		129	1	0.78%	99.22%
	Chloramphenicol, Chlortetracycline, Doxycycline, Erythromycin, Oxytetracycline, Sulfadimethoxin, Sulfamethazine, Sulfathiazol, Tetracycline and Tylosin	HONEY	16	0	0.00%	100.00%

	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor, Heptachlor, OP-DDT, PP-DDD, PP-DDE, PP-DDT, Sum Andrin, Dieldrin , Sum Chlordan, cis-trans-, Sum DDTs, Sum Heptachlor, Heptachlorepoxyd and Chlordan, trans	HONEY	16	0	0.00%	100.00%
	Arsenic (total), Cadmium and Lead	HONEY	46	0	0.00%	100.00%
	(1)	HONEY	40	0	0.00%	100.00%
	TOTAL - HONEY		118	0	0.00%	100.00%
FARMED FISH	Nalidixinacid, Oxolin acid, Ciprofloxacin, Chloramphenicol, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Florfenicol, Flumequin, Norfloxacin, Oxytetracycline, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline and Thiamphenicol	MUSCLE	16	0	0.00%	100.00%
	Furaltadone/AMOZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	MUSCLE	51	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Closantel, Dimetridazole, Dimetridazole - Hydroxy, Febantel, Fenbendazol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Thiabendazole, 5-hydroxythiabendazole, Triclabendazol and Thiabendazole sulphone	MUSCLE	16	0	0.00%	100.00%
	HCH, gamma , Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCB, Heptachlor, Heptachlor, OP-DDT, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, PP-DDD, PP-DDE, PP-DDT, Sum Andrin, Dieldrin , Sum Chlordan, cis- trans-, Sum DDTs, Sum Heptachlor, Heptachlorepoxyd, Sum PCBs and Chlordan, trans	MUSCLE	18	0	0.00%	100.00%
	Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	18	0	0.00%	100.00%
	Cristallviolet and Malachite green	MUSCLE	26	0	0.00%	100.00%
	PCDD/F-PCB-DL-TEQ-OMS (PG TEQ-WHO/G) and PCDD/F-TEQ-OMS (PG TEQ-WHO/G)	MUSCLE	6	0	0.00%	100.00%
	(1)	MUSCLE	21	0	0.00%	100.00%
	17-alpha-methyltestosterone, 17-beta-Estradiol, Diethylstilbestrol, Dienestrol, Hexestrol, Zearalanon and Zeranol	MUSCLE	57	0	0.00%	100.00%
	TOTAL - FARMED FISH		229	0	0.00%	100.00%
EGGS	PCDD/F-PCB-DL-TEQ-OMS (PG TEQ-WHO/G) and PCDD/F-TEQ-OMS (PG TEQ-WHO/G)	EGGS	47	0	0.00%	100.00%
	(1)	EGGS	43	0	0.00%	100.00%
	Nalidixinacid, Oxolin acid, Ampromium, Ciprofloxacin, Clopidol, Chloramphenicol, Danofloxacin, Decoquinat, Diaveridin, Diclazuril, Difloxacin, Enrofloxacin, Ethopabate , Florfenicol, Flumequin, Lasalocid, Maduramicin, Monensin, Narasin, Nicarbazine, Norfloxacin, Robenidin, Salinomycin, Sarafloxacin, Senduramycin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Thiamphenicol, Toltrazuril, Trimethoprim and Dichloroisovernic acid	EGGS	85	1	1.18%	98.82%
	TOTAL - EGGS		175	1	0.57%	99.43%

MILK	5-Hydroxyflunixin, Carprofen , Ketoprofen, Diclofen, Phenylbutazone, Flunixin meglumine, Indomethacin, Meloxicam, Naproxen, Nimesulide, Piroxicam, Propyphenazon, Mefenaminacid and Tolfenaminsacid	MILK	15	1	6.67%	93.33%
	Nalidixinacid, Oxolin acid, Amoxycillin, Ampicillin, Azithromycin, Bromhexine, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cefquinom, Ceftiofur, Ciprofloxacin, Clindamycin, Chloramphenicol, Chlortetracycline, Cloxacillin, Danofloxacin, Dicloxacillin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Florfenicol, Flumequin, Lincomycin, Nafcillin, Norfloxacin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Thiamphenicol, Tilmicosin, Tylosin and Trimethoprim	MILK	79	1	1.27%	98.73%
	PCDD/F-PCB-DL-TEQ-OMS (PG TEQ-WHO/G) and PCDD/F-TEQ-OMS (PG TEQ-WHO/G)	MILK	35	0	0.00%	100.00%
	Aflatoxin M1	MILK	58	0	0.00%	100.00%
	Abamectin, Nalidixinacid, Oxolin acid, Albendazol, Amoxycillin, Ampicillin, Azithromycin, Bromhexine, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cefquinom, Ceftiofur, Ciprofloxacin, Clindamycin, Chloramphenicol, Chlortetracycline, Cloxacillin, Danofloxacin, Dicloxacillin, Difloxacin, Doramectin, Doxycycline, Enrofloxacin, Eprinomectin, Erythromycin, Spiramycin, Florfenicol, Flumequin, Ivermectin, Lincomycin, Monensin, Moxidectin, Nafcillin, Norfloxacin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Thiamphenicol, Tilmicosin, Tylosin and Trimethoprim	MILK	81	0	0.00%	100.00%
	(1)	MILK	99	0	0.00%	100.00%
	TOTAL - MILK		367	2	0.54%	99.46%
WILD FISH	Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	37	0	0.00%	100.00%
	PCDD/F-PCB-DL-TEQ-OMS (PG TEQ-WHO/G) and PCDD/F-TEQ-OMS (PG TEQ-WHO/G)	MUSCLE	4	0	0.00%	100.00%
	Benzo(a)anthracene, Benzopyren, Benzopyren Equivalents (ANVISA 2019), Benzo(b)fluoranthene, Benzo[ghi]perylene, Benzo(k)fluoranthene , Criseno, Dibenzo[a,h]anthracene, Indeno[1,2,3-cd]pyrene and Sum 4 PAHs	MUSCLE	32	0	0.00%	100.00%
	TOTAL - WILD FISH		73	0	0.00%	100.00%
SWINE	4-Methylaminoantipyrine , 5-Hydroxyflunixin, Carprofen , Ketoprofen, Diclofen, Phenylbutazone, Flunixin meglumine, Indomethacin, Meloxicam, Naproxen, Nimesulide, Piroxicam, Propyphenazon, Mefenaminacid and Tolfenaminsacid	MUSCLE	162	0	0.00%	100.00%
	Amprolium, Clopidol, Decoquinat, Diaveridin, Diclazuril, Ethopabate , Lasalocid, Maduramicin, Monensin, Narasin, Nicarbazin, Robenidin, Salinomycin, Senduramycin, Toltrazuril, Trimethoprim and Dichloroisoverninic acid	MUSCLE	99	0	0.00%	100.00%
	Betamethasone, Dexamethasone, Prednisolon and Prednison	LIVER	60	0	0.00%	100.00%

Nalidixinacid, Oxolin acid, Azithromycin, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Flumequin, Lincomycin, Norfloxacin, Oxytetracycline, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Tilmicosin, Tylosin and Trimethoprim	MUSCLE	151	0	0.00%	100.00%
Nalidixinacid, Oxolin acid, Amoxycillin, Ampicillin, Apramycin, Azithromycin, Bromhexine, Cefquinom, Ceftiofur, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Dicloxacillin, Difloxacin, Dihydrostreptomycin, Doxycycline, Enrofloxacin, Erythromycin, Spectinomycin, Spiramycin, Streptomycin, Flumequin, Kanamycin, Lincomycin, Neomycin, Norfloxacin, Oxytetracycline, Penicillin G, Penicillin V, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Tilmicosin, Tylosin, Trimethoprim, Amikacin, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cloxacillin, Hygromycin, Nafcillin, Oxacillin, Tobramycin and Gentamicin	MUSCLE	469	4	0.85%	99.15%
Furaltadone/AMOZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	MUSCLE	202	0	0.00%	100.00%
Chloramphenicol, Florfenicol and Thiamphenicol	MUSCLE	159	0	0.00%	100.00%
Abamectin, Doramectin, Eprinomectin, Ivermectin and Moxidectin	LIVER	97	0	0.00%	100.00%
Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Dimetridazole, Dimetridazole - Hydroxy, Febantel, Fenbendazol, Flubendazol, Ipronidazole, Ipronidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Thiabendazole, 5-hydroxythiabendazole, Triclabendazol, Oxfendazole sulphone equivalent and Sum of thiabendazole and 5-hydroxythiabendazole	MUSCLE	68	0	0.00%	100.00%
Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	LIVER	90	1	1.11%	98.89%
Ractopamin	MUSCLE	53	0	0.00%	100.00%
Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	MUSCLE	55	0	0.00%	100.00%
Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor, Heptachlor, OP-DDE, OP-DDT, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PP-DDD, PP-DDE, PP-DDT and Chlordan, trans		31	0	0.00%	100.00%
Arsenic (total), Cadmium and Lead	KIDNEY	65	0	0.00%	100.00%
Mercury	MUSCLE	40	0	0.00%	100.00%
PCDD/F-PCB-DL-TEQ-OMS (PG TEQ-WHO/G) and PCDD/F-TEQ-OMS (PG TEQ-WHO/G)	FAT	71	0	0.00%	100.00%
Aflatoxin B1, Ochratoxin A	LIVER	24	0	0.00%	100.00%
(1)	MUSCLE	46	0	0.00%	100.00%
Acebutolol , Acepromazin, Atenolol, Azaperol, Azaperon, Betaxolol , Bisoprolol, Carazolol, Carvedilol, Chlorpromazin, Labetalol, Metoprolol, Nadolol, Nebivolol, Penbutolol, Pindolol, Propranolol , Sotalol and Xylazine	KIDNEY	61	0	0.00%	100.00%
2-Thiouracil, 6-propil-2-thiouracil, 5-methyl-2-thiouracil and Tapazol	URINE	62	0	0.00%	100.00%

Beta-Hydroxystanozolol, Alfa-Trenbolon , Beta-Boldenone, Diethylstilbestrol, Dienestrol, Ethisteron, Hexestrol, Methenolon, Methylboldenon, Norethandrolon and Zeranol		URINE	53	0	0.00%	100.00%
TOTAL - SWINE			2118	5	0.24%	99.76%
		GRAND TOTAL:	9827	21	0.21%	99.79%

(1) Substances monitored in the agrochemical method MULTIENSAIOS 2:

Acephate, Acetamiprid, Alachlor, Aldicarb, Aldicarb-sulfone, Allethrin, Amitraz , Azinphos ethyl, Azinphos methyl, Azoxystrobin, Barban, Benfuracarb, Bentazon, Bifenthrin, Bitertanol, Boscalid, Bromopropylate, Carbaryl, Carbendazim, Carbophenothion, Carbofuran, Carbosulfan, Cyazofamid, Cyfluthrin, Cymoxanil , Cypermethrin, Cyproconazole, chlorbromuron, Chlorfenvinphos, Clorimuron, Chlorpyrifos, Chlorpyrifos ethyl, Chlorpyrifos-methyl, Kresoxim-methyl, Deltamethrin, Desmedipham, Diazinon, Dichlorvos, Dicrotophos, Difenconazole, Diflubenzuron, Dimethoate, Dimethoate, Dimoxystrobin, Disulfoton, Disulfoton sulphoxide, Disulfoton, Diuron , Dodemorph, Epoxiconazole, Ethiofencarb Sulphone , Ethiofencarb Sulphoxide , Ethion, Ethiprole, Ethirimol , Etofenprox, Ethoprophos , Etrimfos, Fenpropathrin, Fenamiphos, Fenamiphos Sulphone, Fenamiphos Sulphoxide, Fenarimol, Fenitrothion, Fenobucarb, Fenoxycarb, Fenpiroximato, Fenthion, Fenthion, Fenthion Sulphone, Phenthoate, Fenvalerat, Fipronil , Fluazifop-P-butyl, Flucythrinate, Fludioxonil, Flufenacet , Flufenoxuron, Flusilazole, Flutriafol, Foramsulfuron, Phorate, Phorate Sulphone, Phorate Sulphoxide , Phosalone, Fosfamidon, Fosmet, Fosthiazate, Furathiocarb, Hexaconazole, Hexythiazox, Imazalil, Imibenconazole, Imidacloprid, Iprobenfos, Iprodione, Iprovalicarb, Isocarbophos, Isoproturon, Lambda-Cyhalothrin, Linuron, Malaoxon, Malathion, Metazachlor, Mephosfolan, Metalaxyl, Methamidophos, Metconazole, Methidathion, Methiocarb Sulphone, Methiocarb sulphoxide, Methomyl, Methomyl, Metoxuron, Metsulfuron-methyl , Mevinphos, Myclobutanil, Monocrotophos, Monuron, Nitenpyram, Nuairimol, Omethoate, Oxamyl, Oxycarboxin, Oxyfluorfen, Paclobutrazol, Paraoxon ethyl, Paraoxon methyl, Parathion ethyl, Pencycuron, Permethrin, Pyrachlophos, Pyraclostrobin, Pyrazophos, Pyridaben, Pyrifenoxy, Pirimicarb, Pirimiphos ethyl, Pirimiphos methyl, Pyriproxyfen, Prochloraz , Profenofos, Promecarb, Prometryn, Propamocarb, Propanil, Propargite, Propiconazole, Propoxur, Prosulfuron, Simazin, Tebuconazole, Tebufenpyrad, TEPP, Terbufos, Thiabendazole, Thiacloprid, Thiamethoxam, Thifensulfuron-methyl, Thiobencarb, Thiodicarb, Thiophanate methyl, Tolylfluanid , Triadimefon, Triadimenol, Triazophos, Tricyclazole, Trichlorfon, Tridemorph, Trifloxystrobin, Trifloxysulfuron, Triflumuron, Triforine and Trinexapac-thyl

* Equine. Lead is monitored in the matrix: Kidney.

NON-COMPLIANT RESULTS DETECTED AT THE PNCRC 2020

Sampled Animal Species/Category	Violated Compound	Analyzed Tissue/Matrix	Reference Limit	Total Number of Tested Samples/Number of Violated Samples and % of Violated Samples	Concentration of Violated Samples (µg/kg ou µg/L) and Analyzed Matrix
Slaughtered Bovine	Abamectin	Liver	100 µg/kg	367/1 (0.27%)	190.79 [Liver]
	Ractopamin	Urine - 300 ⁽¹⁾ ; Muscle - 97 ⁽¹⁾	0.1 µg/L (Urine); 0.1 µg/kg (Muscle)	397/5 (1.26%)	33.87; 0.66; 0.42; 0.30; 0.70 [Urine]
	Cadmium	Kidney	1000 µg/kg	83/1 (1.20%)	1335.67 [Kidney]
Broilers	Nicarbazin	Muscle	200 µg/kg	620/2 (0.32%)	317.80; 622.65 [Muscle]
	Doxycycline	Muscle	100 µg/kg	538/1 (0.19%)	185.09 [Muscle]
	Ractopamin	Liver	0.17 µg/kg	77/2 (2.60%)	6.57; 0.56 [Liver]
Slaughtered Swine	Doxycycline	Muscle	100 µg/kg	620/1 (0.16%)	610.69 [Muscle]
	Enrofloxacin	Muscle	100 µg/kg	620/1 (0.16%)	207.65 [Muscle]
	Sulfamethazine	Muscle	100 µg/kg	620/1 (0.16%)	872.12 [Muscle]
	Tilmicosin	Muscle	100 µg/kg	620/1 (0.16%)	131.18 [Muscle]
	Ractopamin	Liver - 90 ⁽¹⁾ ; Muscle - 108 ⁽¹⁾	40 µg/kg (Liver); 10 µg/kg (Muscle)	198/1 (0.50%)	92.70 [Liver]
Milk	Diclofen	Milk	0.10 µg/L	15/1 (6.67%)	0.15 [Milk]
	Cefoperazon	Milk	50 µg/L	79/1 (1.27%)	143.75 [Milk]
Eggs	Ciprofloxacin	Eggs	10 µg/kg	85/1 (1.18%)	36.21 [Eggs] ⁽²⁾
	Enrofloxacin	Eggs	10 µg/kg	85/1 (1.18%)	92.03 [Eggs] ⁽²⁾
Slaughtered Equine	Cadmium	Muscle	200 µg/kg	28/1 (3.57%)	304.57 [Muscle]

⁽¹⁾ Compounds monitored in different matrices. Different matrices are taken from different lots of animals.

⁽²⁾ Same egg sample violated for Ciprofloxacin and Enrofloxacin.