

RESULTS OF THE NATIONAL PLAN FOR CONTROL OF RESIDUES AND CONTAMINANTS - PNCRC 2023

ANIMAL SPECIES/ CATEGORY	MONITORED COMPOUNDS	MATRIX	NUMBER OF TESTED SAMPLES	NUMBER OF NON-COMPLIANT SAMPLES	% OF NON-COMPLIANT SAMPLES	% OF COMPLIANT SAMPLES
BROILERS	Dichloroisovertic acid, Amprolium, Clopidol, Decoquinat, Diaveridin, Diclazuril, Ethopobate , Lasalocid, Maduramicin, Monensin, Narasin, Nicarbazin, Robenidin, Salinomycin, Senduramycin, Toltrazuril, Toltrazuril sulphone, Trimethoprim	MUSCLE	603	1	0.17%	99.83%
	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, Tobramycin	KIDNEY	507	0	0.00%	100.00%
	Nalidixinaacid, Oxolin acid, Azithromycin, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Flumequin, Lincomycin, Marbofloxacin, Norfloxacin, Oxytetracycline, 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, Trimethoprim	MUSCLE	503	1	0.20%	99.80%
	Nalidixinaacid, Oxolin acid, Amikacin, Amoxycillin, Ampicillin, Apramycin, Azithromycin, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cefquinom, Ceftiofur, Ciprofloxacin, Clindamycin, Chlortetracycline, Cloxacillin, Danofloxacin, Dicloxacillin, Difloxacin, Dihydrostreptomycin, Doxycycline, Enrofloxacin, Erythromycin, Spectinomycin, Spiramycin, Streptomycin, Flumequin, Gentamicin, Hygromycin, Kanamycin, Lincomycin, Marbofloxacin, 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	MUSCLE	101	0	0.00%	100.00%
	Furaltadone/AMOZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	MUSCLE	303	0	0.00%	100.00%
	Chloramphenicol, Florfenicol and Thiamphenicol	MUSCLE	112	0	0.00%	100.00%
	Cimaterol, Clenbuterol, Ractopamin, Salbutamol, Zilpaterol	LIVER	77	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, Heptachlor, OP-DDE, 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, Chlordan, trans	FAT	31	0	0.00%	100.00%
	Arsenic (total), Cadmium and Lead	LIVER	50	0	0.00%	100.00%

	Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	99	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	280	1	0.36%	99.64%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Ketotriclabendazole, Chloramphenicol, Closantel, Dimetridazole, Ketotriclabendazole equivalent, Oxfendazole sulphone equivalent, Febantel, Fenbendazol, Florfenicol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Sum of thiabendazole and 5-hydroxythiabendazole, Thiabendazole, 5-hydroxythiabendazole, Thiamphenicol, Triclabendazol, Thiabendazole sulphone	MUSCLE	89	0	0.00%	100.00%
	(1)	MUSCLE	32	0	0.00%	100.00%
	TOTAL - POULTRY		2787	3	0.11%	99.89%
SLAUGHTERED BOVINE	4-Methylaminoantipyrine , Mefenaminacid, Tolfenaminsacid, Carprofen , Ketoprofen, Diclofen, Phenylbutazone, Flunixin meglumine, Indomethacin, Meloxicam, Naproxen, Nimesulide, Piroxicam, Propyphenazon	MUSCLE	103	0	0.00%	100.00%
	Amprolium, Lasalocid, Monensin, Narasin, Salinomycin, Toltrazuril, Toltrazuril sulphone	MUSCLE	99	0	0.00%	100.00%
	Betamethasone, Dexamethasone, Methylprednisolon, Prednisolon, Prednison, Triamcinolone	LIVER	64	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, Tobramycin	KIDNEY	496	0	0.00%	100.00%
	Nalidixinacid, Oxolin acid, Azithromycin, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Flumequin, Lincomycin, Marbofloxacin, Norfloxacin, Oxytetracycline, 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, Trimethoprim	MUSCLE	508	0	0.00%	100.00%

	Nalidixinacid, Oxolin acid, Amikacin, Amoxycillin, Ampicillin, Apramycin, Azithromycin, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cefquinom, Ceftiofur, Ciprofloxacin, Clindamycin, Chlortetracycline, Cloxacillin, Danofloxacin, Dicloxacillin, Difloxacin, Dihydrostreptomycin, Doxycycline, Enrofloxacin, Erythromycin, Spectinomycin, Spiramycin, Streptomycin, Flumequin, Gentamicin, Hygromycin, Kanamycin, Lincomycin, Marbofloxacin, Nafcillin, Neomycin, Norfloxacin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Sarafloxacin, Sum of enrofloxacin and ciprofloxacin, Sum of chlortetracycline/oxytetracycline/tetracycline, Sum of dihydrostreptomycin and streptomycin, Sum of sulfonamides , Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Tetracycline, Tilmicosin, Tylosin, Tobramycin , Trimethoprim	MUSCLE	102	0	0.00%	100.00%
	Abamectin, Doramectin, Eprinomectin, Fipronil , Fipronil sulphone, Ivermectin, Monensin, Moxidectin, Sisapronil, Sum of fipronil and fipronil sulphone	LIVER	611	7	1.15%	98.85%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Ketotriclabendazole, Closantel, Dimetridazole, Ketotriclabendazole equivalent, 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, Thiabendazole sulphone	MUSCLE	21	0	0.00%	100.00%
	Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	LIVER	149	0	0.00%	100.00%
	Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	MUSCLE	148	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, Heptachlor, OP-DDE, 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, Chlordan, trans	FAT	31	0	0.00%	100.00%
	Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	105	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	40	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Ketotriclabendazole, Chloramphenicol, Closantel, Dimetridazole, Ketotriclabendazole equivalent, Oxfendazole sulphone equivalent, Febantel, Fenbendazol, Florfenicol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Sum of thiabendazole and 5-hydroxythiabendazole, Thiabendazole, 5-hydroxythiabendazole, Thiamphenicol, Triclabendazol, Thiabendazole sulphone	MUSCLE	102	0	0.00%	100.00%
	(1)	MUSCLE	120	0	0.00%	100.00%

	Acepromazin, Azaperol, Azaperon, Carazolol, Chlorpromazin, Sum of azaperone and azaperol, Xylazine	KIDNEY	59	0	0.00%	100.00%
	2-Thiouracil, 6-propil-2-thiouracil, 6-methyl-2-thiouracil, Tapazol	URINE	87	0	0.00%	100.00%
	Alpha-Zearalenol , Beta-Boldenone, Beta-Zearalenol, Beta-Trenbolon , Diethylstilbestrol, Dienestrol, Ethisteron, Hexestrol, Metandienone, Methenolon, Norethandrolon, Taleranol (B-Zearalanol), Zearalanon, Zeranol	URINE	542	1	0.18%	99.82%
	TOTAL - SLAUGHTERED BOVINE		3387	8	0.24%	99.76%
FARMED SHRIMP	Chloramphenicol, Chlortetracycline, Doxycycline, Florfenicol, Oxytetracycline, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Thiamphenicol	MUSCLE	45	0	0.00%	100.00%
	Furaltadone/AMOZ, Furazolidone/AOZ, Nitrofurantoin/AHD, Nitrofurazone/SEM	MUSCLE	58	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, 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, Chlordan, trans	MUSCLE	16	0	0.00%	100.00%
	Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	48	0	0.00%	100.00%
	Benzo(a)anthracene, Benzopyren, Benzopyren Equivalent (ANVISA 2019), Benzo(b)fluoranthene, Benzo[ghi]perylene, Benzo(k)fluoranthene , Chrysene, Dibenz[a,h]anthracene, Indeno[1,2,3-cd]pyrene, Sum 4 PAHs	MUSCLE	16	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Closantel, Cristallviolet, Dimetridazole, Febantel, Fenbendazol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Cristallviolet, Leuco-, Malachitegreen, Leuco-, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Thiabendazole, 5-hydroxythiabendazole, Triclabendazol, Thiabendazole sulphone, Malachite green	MUSCLE	89	0	0.00%	100.00%
	TOTAL - FARMED SHRIMP		272	0	0.00%	100.00%
EQUINE	4-Methylaminoantipyrine , Tolfenaminsacid, Carprofen , Diclofen, Phenylbutazone, Flunixin meglumine, Meloxicam, Nimesulide, Piroxicam	MUSCLE	7	0	0.00%	100.00%
	Betamethasone, Dexamethasone, Methylprednisolon, Prednisolon, Prednison, Triamcinolone	LIVER	5	0	0.00%	100.00%
	Amikacin, Amoxicillin, Ampicillin, Apramycin, Cefazolin, Clindamycin, Chlortetracycline, Dihydrostreptomycin, Doxycycline, Erythromycin, Spectinomycin, Streptomycin, Gentamicin, Hygromycin, Kanamycin, Lincomycin, Neomycin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Tetracycline, Tilmicosin, Tylosin, Tobramycin	KIDNEY	3	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, Tetracycline, Tilmicosin, Tylosin, Trimethoprim	MUSCLE	5	0	0.00%	100.00%
	Abamectin, Doramectin, Eprinomectin, Ivermectin and Moxidectin	LIVER	5	0	0.00%	100.00%
	Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	LIVER	5	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, Heptachlor, OP-DDE, 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, Chlordan, trans	FAT	4	0	0.00%	100.00%
	Arsenic (total), Cadmium and Lead	MUSCLE*	7	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Ketotriclabendazole, Chloramphenicol, Closantel, Dimetridazole, Ketotriclabendazole equivalent, Oxfendazole sulphone equivalent, Febantel, Fenbendazol, Florfenicol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Sum of thiabendazole and 5-hydroxythiabendazole, Thiabendazole, 5-hydroxythiabendazole, Thiamphenicol, Triclabendazol	MUSCLE	3	0	0.00%	100.00%
	(1)	MUSCLE	3	0	0.00%	100.00%
	Acepromazin, Azaperol, Azaperon, Carazolol, Chlorpromazin, Sum of azaperone and azaperol, Xylazine	KIDNEY	7	0	0.00%	100.00%
	2-Thiouracil, 6-propil-2-thiouracil, 6-methyl-2-thiouracil, Tapazol	URINE	4	0	0.00%	100.00%
	Beta-Hydroxystanozolol, Alfa-Trenbolon , Beta-Boldenone, Beta-Zearalenol, Beta-Trenbolon , Diethylstilbestrol, Dienestrol, Stanozolol, Ethisteron, Hexestrol, Methenolon, Methylboldenon, Norethandrolon, Taleranol (B-Zearalanol), Zearalanon, Zeranol	URINE	3	0	0.00%	100.00%
	TOTAL - EQUINE		61	0	0.00%	100.00%
HONEY	Ciprofloxacin, Chloramphenicol, Chlortetracycline, Dihydrostreptomycin, Doxycycline, Enrofloxacin, Erythromycin, Streptomycin, Oxytetracycline, Sulfadimethoxin, Sulfamethazine, Sulfathiazol, Tetracycline, Tylosin	HONEY	63	0	0.00%	100.00%
	Furaltadone/AMAZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	HONEY	62	1	1.61%	98.39%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, Heptachlor, OP-DDT, PP-DDD, PP-DDE, PP-DDT, Sum Andrin, Dieldrin , Sum Chlordan, cis- trans-, Sum DDTs, Sum Heptachlor, Heptachlorepoxyd, Chlordan, trans	HONEY	26	0	0.00%	100.00%
	Arsenic (total), Cadmium and Lead	HONEY	58	0	0.00%	100.00%
	(2)	HONEY	51	0	0.00%	100.00%
	TOTAL - HONEY		260	1	0.38%	99.62%

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, Thiamphenicol	MUSCLE	79	0	0.00%	100.00%
	Furaltadone/AMOZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	MUSCLE	75	1	1.33%	98.67%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, 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, Chlordan, trans	MUSCLE	16	0	0.00%	100.00%
	Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	52	0	0.00%	100.00%
	Cristallviolet; Cristallviolet, Leuco-; Malachitegreen, Leuco- and Malachite green	MUSCLE	33	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	17	0	0.00%	100.00%
	Benzo(a)anthracene, Benzopyren, Benzopyren Equivalentents (ANVISA 2019), Benzo(b)fluoranthene, Benzo[ghi]perylene, Benzo(k)fluoranthene , Criseno, Dibenz[a,h]anthracene, Indeno[1,2,3-cd]pyrene, Sum 4 PAHs	MUSCLE	22	0	0.00%	100.00%
	Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Closantel, Cristallviolet, Dimetridazole, Febantel, Fenbendazol, Flubendazol, Iprnidazole, Iprnidazole - Hydroxy, Cristallviolet, Leuco-, Malachitegreen, Leuco-, Levamisol, Mebendazol, Metronidazole, Metronidazole - Hydroxy, Oxfendazole sulphone, Oxibendazol, Oxfendazole, Ronidazol, Thiabendazole, 5-hydroxythiabendazole, Triclabendazol, Thiabendazole sulphone, Malachite green		104	1	0.96%	99.04%
	(1)	MUSCLE	63	0	0.00%	100.00%
	17-alpha-methyltestosterone, 17-beta-Estradiol, Contaminante, Beta-Zearalenol, Diethylstilbestrol, Dienestrol, Hexestrol, Taleranol (B-Zearalanol), Zearalanon, Zeranol	MUSCLE	47	0	0.00%	100.00%
TOTAL - FARMED FISH			508	2	0.39%	99.61%
EGGS	Furaltadone/AMOZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	EGGS	64	0	0.00%	100.00%
	Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, 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, Chlordan, trans	EGGS	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)	EGGS	122	0	0.00%	100.00%

	Abamectin, Dichloroisovernic acid, Nalidixinacid, Oxolin acid, Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amprolium, Ciprofloxacin, Clopidol, Chloramphenicol, Chlortetracycline, Danofloxacin, Decoquinat, Diaveridin, Diclazuril, Difloxacin, Doramectin, Doxycycline, Enrofloxacin, Eprinomectin, Oxfendazole sulphone equivalent, Ethopobate , Fenbendazol Sulphone, Fenbendazol Sulphoxide, Fenbendazol, Fipronil , Fipronil sulphone, Florfenicol, Flubendazol, Flumequin, Ivermectin, Lasalocid, Levamisol, Maduramicin, Mebendazol, Monensin, Moxidectin, Narasin, Nicarbazin, Norfloxacin, Oxibendazol, Oxytetracycline, Praziquantel, Robenidin, Salinomycin, Sarafloxacin, Senduramycin, Sisapronil, Sum of Albendazoles, Sum of chlortetracycline/oxytetracycline/tetracycline, Sum of fipronil and fipronil sulphone, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Tetracycline, Tiamulin , Thiamphenicol, Toltrazuril, Trimethoprim	EGGS	325	15	4.62%	95.38%
	Abamectin, Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Doramectin, Eprinomectin, Oxfendazole sulphone equivalent, Fenbendazol Sulphone, Fenbendazol Sulphoxide, Fenbendazol, Fipronil , Fipronil sulphone, Flubendazol, Ivermectin, Levamisol, Mebendazol, Monensin, Moxidectin, Oxibendazol, Praziquantel, Sisapronil, Sum of Albendazoles, Sum of fipronil and fipronil sulphone	EGGS	131	4	3.05%	96.95%
	(1)	EGGS	66	1	1.52%	98.48%
	TOTAL - EGGS		745	20	2.68%	97.32%
MILK	5-Hydroxyflunixin, Mefenaminacid, Tolfenaminsacid, Carprofen , Ketoprofen, Diclofen, Phenylbutazone, Flunixin meglumine, Indomethacin, Meloxicam, Naproxen, Nimesulide, Piroxicam, Propyphenazon	MILK	65	1	1.54%	98.46%
	Nalidixinacid, Oxolin acid, Amoxicillin, Ampicillin, Azithromycin, Bromhexine, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cefquinom, Ceftiofur, Ciprofloxacin, Clindamycin, Chloramphenicol, Chlortetracycline, Cloxacillin, Danofloxacin, Dicloxacillin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Florfenicol, Flumequin, Lincomycin, Marbofloxacin, Nafcillin, Norfloxacin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Sarafloxacin, Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Sulfisoxazol, Tetracycline, Thiamphenicol, Tilmicosin, Tylosin, Trimethoprim	MILK	317	2	0.63%	99.37%
	Arsenic (total), Cadmium and Lead	MILK	165	0	0.00%	100.00%
	PCDD/F-PCB-DL-TEQ-OMS (PG TEQ-WHO/G) and PCDD/F-TEQ-OMS (PG TEQ-WHO/G)	MILK	43	0	0.00%	100.00%
	Aflatoxin B1, Aflatoxin B2 - AFG2, Aflatoxin G1 - AFG1, Aflatoxin G2 - AFG2, Aflatoxin M1, Deoxynivalenol - DON, Zearalanon	MILK	71	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, Marbofloxacin, 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, Trimethoprim	MILK	307	3	0.98%	99.02%
	(2)	MILK	85	1	1.18%	98.82%
	(1)	MILK	81	0	0.00%	100.00%
	TOTAL - MILK		1134	7	0.62%	99.38%
WILD FISH	Arsenic (total), Cadmium, Lead and Mercury	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	20	0	0.00%	100.00%
	Benzo(a)anthracene, Benzopyren, Benzopyren Equivalents (ANVISA 2019), Benzo(b)fluoranthene, Benzo[ghi]perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Indeno[1,2,3-cd]pyrene, Sum 4 PAHs	MUSCLE	40	0	0.00%	100.00%
	TOTAL - WILD FISH		86	0	0.00%	100.00%
SWINE	4-Methylaminoantipyrine, 5-Hydroxyflunixin, Mefenaminacid, Tolfenaminsacid, Carprofen, Ketoprofen, Diclofen, Phenylbutazone, Flunixin meglumine, Indomethacin, Meloxicam, Naproxen, Nimesulide, Piroxicam, Propyphenazon	MUSCLE	149	0	0.00%	100.00%
	Dichloroisovernic acid, Amprolium, Clopidol, Decoquinat, Diaveridin, Diclazuril, Ethopobate, Lasalocid, Maduramicin, Monensin, Narasin, Nicarbazin, Robenidin, Salinomycin, Senduramycin, Toltrazuril, Toltrazuril sulphone, Trimethoprim	MUSCLE	88	0	0.00%	100.00%
	Betamethasone, Dexamethasone, Methylprednisolon, Prednisolon, Prednison, Triamcinolone	LIVER	64	0	0.00%	100.00%
	Nalidixinacid, Oxolin acid, Azithromycin, Ciprofloxacin, Clindamycin, Chlortetracycline, Danofloxacin, Difloxacin, Doxycycline, Enrofloxacin, Erythromycin, Spiramycin, Flumequin, Lincomycin, Marbofloxacin, Norfloxacin, Oxytetracycline, 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, Trimethoprim	MUSCLE	151	1	0.66%	99.34%

Nalidixinacid, Oxolin acid, Amikacin, Amoxycillin, Ampicillin, Apramycin, Azithromycin, Cefalexin, Cefalonium, Cefapirin, Cefoperazon, Cefquinom, Ceftiofur, Ciprofloxacin, Clindamycin, Chlortetracycline, Cloxacillin, Danofloxacin, Dicloxacillin, Difloxacin, Dihydrostreptomycin, Doxycycline, Enrofloxacin, Erythromycin, Spectinomycin, Spiramycin, Streptomycin, Flumequin, Gentamicin, Hygromycin, Kanamycin, Lincomycin, Marbofloxacin, Nafcillin, Neomycin, Norfloxacin, Oxacillin, Oxytetracycline, Penicillin G, Penicillin V, Sarafloxacin, Sum of enrofloxacin and ciprofloxacin, Sum of chlortetracycline/oxytetracycline/tetracycline, Sum of dihydrostreptomycin and streptomycin, Sum of sulfonamides , Sulfachlorpyrazin, Sulfadiazine, Sulfadimethoxin, Sulfadoxin, Sulfamerazin, Sulfamethazine, Sulfamethoxazol, Sulfaquinoxaline, Sulfathiazol, Tetracycline, Tilimicosin, Tylosin, Tobramycin , Trimethoprim	MUSCLE	454	1	0.22%	99.78%
Furaltadone/AMOZ, Furazolidone/AOZ, Nitrofurantoin/AHD and Nitrofurazone/SEM	MUSCLE	203	0	0.00%	100.00%
Chloramphenicol, Florfenicol and Thiamphenicol	MUSCLE	147	0	0.00%	100.00%
Abamectin, Doramectin, Eprinomectin, Fipronil , Fipronil sulphone, Ivermectin, Monensin, Moxidectin, Sisapronil, Sum of fipronil and fipronil sulphone	LIVER	182	2	1.1%	98.9%
Albendazol, Albendazole 2-amino sulphone, Albendazole sulphone, Albendazole sulphoxide, Amino flubendazole, Ketotriclabendazole, Closantel, Dimetridazole, Ketotriclabendazole equivalent, 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, Thiabendazole sulphone	MUSCLE	182	0	0.00%	100.00%
Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	LIVER	91	1	1.1%	98.9%
Cimaterol, Clenbuterol, Ractopamin, Salbutamol and Zilpaterol	MUSCLE	150	0	0.00%	100.00%
Aldrin, HCH, alpha-, Chlordan, cis, Dieldrin, Dodecachlor, HCH, gamma , HCB, Heptachlor epoxide, Heptachlor, OP-DDE, 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, Chlordan, trans	FAT	30	0	0.00%	100.00%
Arsenic (total), Cadmium, Lead and Mercury	MUSCLE	155	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	143	0	0.00%	100.00%
(1)	MUSCLE	48	0	0.00%	100.00%
Acepromazin, Azaperol, Azaperon, Carazolol, Chlorpromazin, Sum of azaperone and azaperol, Xylazine	KIDNEY	58	0	0.00%	100.00%
2-Thiouracil, 6-propil-2-thiouracil, 6-methyl-2-thiouracil, Tapazol	URINE	61	0	0.00%	100.00%

(2) Substances monitored in the agrochemical method MULTIENSAIOS 3:

2,4-D, Acetamiprid, Aldicarb, Aldicarb-sulfone, Azinphos ethyl, Azinphos methyl, Azoxystrobin, Barban, Benalaxyl, Benomyl , Bentazon, Bifenthrin, Boscalid, Carbaryl, Carbendazim, Carbofuran, Cyazofamid, Cymoxanil , Cinidon-ethyl , Cyproconazole, Cyprodinil, Cyromazine, Chlorbufam, Chlorfenvinphos, Chloroxuron, Chlorpyrifos, Chlorpyrifos-methyl, Kresoxim-methyl, Deltamethrin, Diallate, Diazinon, Dichlofluanid, Dichlorvos, Difenconazole, Diflubenzuron, Dimethoate, Dinocap, Disulfoton, Disulfoton sulphoxide, Disulfoton, Spiroxamine, Ethion, Ethofumesate , Ethoprophos , Etrimfos, Fenamidone, Fenamiphos, Fenamiphos Sulphone, Fenamiphos Sulphoxide, Fenarimol, Fenhexamid, Fenpropimorph, Fenthion, Phenthoate, Fipronil , Fluazifop-P-butyl, Fludioxonil, Fluquinconazole , Fluroxypyr, Flutriafol, Foramsulfuron, Phorate, Phorate Sulphoxide , Phosalone, Fosmet, Furathiocarb, Hexaconazole, Hexythiazox, Imazalil, Imidacloprid, Indoxacarb , Iprovalicarb, Isoproturon, Malathion, Metazachlor, Metalaxyl, Methamidophos, Metconazole, Methidathion, Methomyl, Metsulfuron-methyl , Mevinphos, Myclobutanil, Monocrotophos, Monolinuron, Omethoate, Oxamyl, Oxasulfuron, Parathion ethyl, Pencycuron, Penconazole, Pendimethalin, Picolinafen, Pymetrozine, Pyraclostrobin, Pyrazophos, Pyridaben, Pyrimethanil, Pirimicarb, Pirimiphos ethyl, Pirimiphos methyl, Profenofos, Propargite, Propiconazole, Propyzamide, Propoxur, Prosulfuron, Quinalphos, Tebuconazole, Tebufenozide , Thiabendazole, Thiacloprid, Thiamethoxam, Thifensulfuron-methyl, Tolyfluanid , Triadimefon, Triadimenol, Triasulfuron, Trichlorfon, Tridemorph, Trifloxystrobin, Triforine

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

NON-COMPLIANT RESULTS DETECTED AT THE PNCRC 2023

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 ($\mu\text{g}/\text{kg}$ or $\mu\text{g}/\text{L}$) and Analyzed Matrix
Slaughtered Bovine	Abamectin	Liver	100 $\mu\text{g}/\text{kg}$	611/2 (0.33%)	121.74; 157.10 [Liver]
	Doramectin	Liver	100 $\mu\text{g}/\text{kg}$	611/2 (0.33%)	216.23; 744.92 [Liver]
	Methenolon	Urine	Absence	542/1 (0.18%)	0.44 [Urine]
	Fipronil ⁽¹⁾	Liver	100 $\mu\text{g}/\text{kg}$	611/3 (0.49%)	160.33; 187.39; 217.80 [Fipronil + Fipronil Sulphone] [Liver]
Broilers	Decoquinate	Muscle	10 $\mu\text{g}/\text{kg}$	603/1 (0.17%)	30.98 [Muscle]
	Doxycycline	Kidney - 507 ⁽²⁾ ; Muscle - 604 ⁽²⁾	600 $\mu\text{g}/\text{kg}$ (Kidney); 100 $\mu\text{g}/\text{kg}$ (Muscle)	1111/1 (0.09%)	144.41 [Muscle]
	Dioxin ⁽³⁾	Fat	1.75 pg/kg	280/1 (0.36%)	3.12 [Fat]
Slaughtered Swine	Enrofloxacin	Muscle	100 $\mu\text{g}/\text{kg}$	605/1 (0.16%)	456.01 [Muscle]
	Abamectin	Liver	10 $\mu\text{g}/\text{kg}$	182/1 (0.55%)	19.90 [Liver]
	Marbofloxacin	Muscle	150 $\mu\text{g}/\text{kg}$	605/1 (0.16%)	474.77 [Muscle]
	Fipronil ⁽¹⁾	Liver	10 $\mu\text{g}/\text{kg}$	182/1 (0.55%)	27.27 [Fipronil + Fipronil Sulphone] [Liver]
	Ractopamin	Liver - 91 ⁽²⁾ ; Muscle - 150 ⁽²⁾	40 $\mu\text{g}/\text{kg}$ (Liver); 10 $\mu\text{g}/\text{kg}$ (Muscle)	241/1 (0.41%)	50.00 [Liver]
Milk	Florfenicol	Milk	10 $\mu\text{g}/\text{L}$	624/1 (0.16%)	36.07 [Milk]
	Oxytetracycline ⁴⁾	Milk	100 $\mu\text{g}/\text{L}$	624/1 (0.16%)	244.90 [Milk]
	Tilmicosin	Milk	50 $\mu\text{g}/\text{L}$	624/1 (0.16%)	88.82 [Milk]
	Doramectin	Milk	15 $\mu\text{g}/\text{L}$	307/2 (0.65%)	17.51; 24.37 [Milk]
	Penicillin G ⁽⁴⁾	Milk	4 $\mu\text{g}/\text{L}$	624/1 (0.16%)	5.48 [Milk]
	Meloxicam	Milk	15 $\mu\text{g}/\text{L}$	65/1 (1.54%)	61.66 [Milk]
	Chlorpyrifos	Milk	20 $\mu\text{g}/\text{L}$	166/1 (0.60%)	81.00 [Milk]

Eggs	Levamisol	Eggs	2.5 µg/kg	456/1 (0.22%)	39.39 [Eggs]
	Mebendazol	Eggs	10 µg/kg	456/2 (0.44%)	110.05; 175.75 [Eggs]
	Fipronil ⁽¹⁾	Eggs	20 µg/kg	456/12 (2.63%)	21.24; 21.34; 22.00; 24.22; 26.73; 34.06; 41.35; 43.97; 54.09; 83.69; 259.05; 991.46 [Fipronil + Fipronil Sulphone] [Eggs]
	Fipronil ⁽⁵⁾	Eggs	20 µg/kg	66/1 (1.51%)	51.02 [Eggs]
	Ciprofloxacin ⁽⁶⁾	Eggs	10 µg/kg	325/2 (0.61%)	16.59; 33.19 [Eggs]
	Enrofloxacin ⁽⁶⁾	Eggs	10 µg/kg	325/1 (0.31%)	1281.13 [Eggs]
	Doxycycline	Eggs	10 µg/kg	325/2 (0.61%)	299.05; 2750.47 [Eggs]
	Farmed Fish	Nitrofurazone (SEM)	Muscle	Absence	75/1 (1.33%)
Malachitegreen, Leuco-		Muscle	Absence	137/1 (0.73%)	1.42 [Muscle]
Honey	Nitrofurazone (SEM)	Honey	Absence	62/1 (1.61%)	1.86 [Honey]

(1) The violation of Fipronil is represented by the sum of the quantifications of Fipronil and Fipronil Sulphone.

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

(3) The sum of dioxins and furans in the form of dioxin has been violated (pg PCDD/F-TEQ-OMS/g).

(4) In the same sample of milk, two analytes were violated: Oxytetracycline and Penicillin G.

(5) Molecule violation: Fipronil (parent compound).

(6) In the same sample of eggs, two analytes were violated: Enrofloxacin e Ciprofloxacin.