

Table S2. Matrix effects in different food matrices

Matrix effect	Pork (%)	Egg (%)	Milk (%)
RPLC-MS/MS +ve			
Avermectins			
Avermectin B1a	-42	-32	-44
Doramectin	-45	-15	-44
Eprinomectin B1a	-20	-7	-31
Moxidectin	-19	-17	-48
Benzimidazoles and Azoles			
Albendazole	-3	-8	-41
Albendazole sulfoxide	-11	-26	-40
Albendazole sulfone	-13	-15	-40
Albendazole-2-aminosulfone	-4	-19	-47
Fenbendazole	-3	-8	-41
Oxfendazole	-11	-13	-41
Oxfendazole sulfone	-10	-5	-34
Febantel	-10	-9	-39
Flubendazole	-5	-16	-40
2-Aminoflubendazole	-9	-13	-42
Mebendazole	0	-9	-40
Mebendazole-amine	-6	-15	-40
5-Hydroxymebendazole	2	-8	-45
Oxibendazole	2	-14	-44
Thiabendazole	-7	-18	-44
5-Hydroxythiabendazole	-9	-21	-49
Triclabendazole	-11	-17	-48
Triclabendazole sulfoxide	-14	-8	-38
Triclabendazole sulfone	-7	-2	-39
Hydroxytriclabendazole	-16	-18	-47
Levamisole	-9	-18	-50
beta-Agonists			
Ractopamine	-17	-22	-46
Corticosteroids and Steroids			
Flugestone acetate	-4	-8	-43
Melengestrol acetate	-2	9	-46
Trenbolone	-7	-10	-49
Coccidiostats			
Clopidol	-29	-36	-48
Decoquinate	-23	-24	-43
Halofuginone	-51	-17	-60
Lasalocid A	-20	-46	-59
Maduramicin	-25	-20	-53
Monensin A	-37	-26	-55
Narasin A	-55	-51	-71
Robenidine	-36	-17	-41
Salinomycin	-49	-45	-62
Lincosamides			
Pirlimycin	-73	-35	-62
Macrolides			
Acetylisovaleryltylosin	-16	-1	-40
3-O-acetyltylosin	-13	-17	-48
Tilmicosin	-67	-13	-72
NSAIDs			
4-Methylaminoantipyrin	-14	-60	-47
Quinolones			

Difloxacin	-82	-84	-62
Tranquillisers			
Azaperone	-17	-14	-35
Azaperol	-14	-15	-43
Carazolol	-13	-24	-47
Others			
Dicyclanil	-8	-25	-59
Isometamidium	-56	-33	-12
Antiviral drugs			
Amantadine	-70	-76	-86
Memantine	-57	-68	-73
Rimantadine	-72	-79	-89
RPLC-MS/MS -ve			
Anthelmintics			
Closantel	-15	-21	-90
Nitroxinil	-23	-9	-21
Rafoxanide	-23	-30	-91
beta-Lactams			
Nafcillin	-27	-32	-39
Oxacillin	-27	-38	-37
Coccidiostats			
Diclazuril	-27	-2	-19
Nicarbazin	-10	-13	-26
Clorsulon	-8	-2	-26
Corticosteroids and Steroids			
Dexamethasone	-22	10	-8
Zeranol	-10	3	-12
Phenicoles			
Florfenicol	-14	3	-21
Thiamphenicol	-22	-14	-62
Others			
Fluazuron	-32	23	-10
HILIC-MS/MS +ve			
Anthelmintics			
Piperazine	-97	-51	-75
beta-Agonists			
Zilpaterol	-50	-79	-84
beta-Lactams			
Cefalexin	-34	9	-41
Cefquinome	-40	55	-30
Cefazolin	-61	9	-6
Cephapirin	-27	2	-13
Desacetyl Cephapirin	-78	-60	-73
Coccidiostats			
Amprolium	-58	-46	-47
Phenicoles			
Florfenicol-amine	-63	-75	-66
Others			
Cyromazine	-57	-46	-49
Diminazene	-50	-80	-62
Imidocarb	-71	-78	-55
Methyl-3-quinoxaline-2 carboxylic acid	-21	8	-2