Table S1: Limit of Quantification (LOQ) for Target Pharmaceutical Compounds in Soil Samples (LC–MS/MS)

Compound	**LOQ (µg/kg)**
Ampicillin	0.5
Carbamazepine	0.2
Cefazolin	0.5
Ceftiofur	0.5
Cephapirin	0.5
Chloramphenicol	0.5
Ciprofloxacin	0.2
Cloxacillin	0.5
Danofloxacin	0.5
Diaveridine	0.5
Diclofenac	0.5
Dicloxacillin	0.3
Difloxacin	0.5
Enrofloxacin	0.5
Erythromycin	0.5
Flumequine	0.5
Lincomycin	0.5
Marbofloxacin	0.5
Miloxacin	0.5
Nalidixic Acid	0.5
Norfloxacin	0.5
Ofloxacin	0.5
Orbifloxacin	0.5
Ormetoprim	0.5
Oxolinic Acid	0.5
Oxytetracycline	0.5
Pimodic Acid	0.4
Progesterone (Hormone)	0.1
Pyremethamine	0.5
Pyrimethamine	0.5
Sarafloxacin	0.5
Sulfabenzamide	0.5
Sulfacetamide	0.5
Sulfadiazine	0.5
Sulfadimethoxine	0.5
Sulfadimidine	0.4
Sulfadoxine	0.5
Sulfaethoxypyridazine	0.5
Sulfaguanidine	0.5
Sulfamerazine	0.5
Sulfamethoxazole	0.5
Sulfamethoxypyridazine	0.5
Sulfamonomethoxine	0.5
Sulfanitran	0.5

Sulfapyridazine	0.5
Sulfapyridine	0.5
Sulfaquinoxaline	0.5
Sulfathiazole	0.5
Sulfatroxazole	0.5
Sulfisomidine	0.5
Sulfisoxazole	0.5
Testosterone (Hormone)	0.1
Tetracycline	0.5
Thiamphenicol	0.5
Triclosan	0.5
Trimethoprim	0.5

Table S2: Limit of Quantification (LOQ) for Target Pharmaceutical Compounds in Water Samples (LC–MS/MS)

Compound	**LOQ (ng/L)**
Ampicillin	1
Carbamazepine	0.4
Cefazolin	1
Ceftiofur	1
Cephapirin	1
Chloramphenicol	1
Ciprofloxacin	0.4
Cloxacillin	1
Danofloxacin	1
Diaveridine	1
Diclofenac	1
Dicloxacillin	0.6
Difloxacin	1
Enrofloxacin	1
Erythromycin	1
Flumequine	1
Lincomycin	1
Marbofloxacin	1
Miloxacin	1
Nalidixic Acid	1
Norfloxacin	1
Ofloxacin	1
Orbifloxacin	1
Ormetoprim	1
Oxolinic Acid	1
Oxytetracycline	1
Piromidic Acid	0.8
Progesterone (Hormone)	0.2
Pyremethamine	1
Pyrimethamine	1
Sarafloxacin	1
Sulfabenzamide	1
Sulfacetamide	1
Sulfadiazine	1
Sulfadimethoxine	1
Sulfadimidine	0.8
Sulfadoxine	1
Sulfaethoxypyridazine	1
Sulfaguanidine	1
Sulfamerazine	1
Sulfamethoxazole	1
Sulfamethoxypyridazine	1
Sulfamonomethoxine	1
Sulfanitran	1

Sulfapyridazine	1
Sulfapyridine	1
Sulfaquinoxaline	1
Sulfathiazole	1
Sulfatroxazole	1
Sulfisomidine	1
Sulfisoxazole	1
Testosterone (Hormone)	0.2
Tetracycline	1
Thiamphenicol	1
Triclosan	1
Trimethoprim	1