

VALIDATED BIOANALYTICAL METHODS FOR VETERINARY RESIDUE DEPLETION STUDIES AND PHARMACOKINETICS

COMPOUND	TECHNIQUE	MATRIX
Acamprosate	HPLC-MS/MS	Rat Plasma K ₃ -EDTA
Altrenogest	HPLC-MS/MS	Pig Muscle
Amitraz	HPLC-MS/MS	Honey
Atazanavir	HPLC-MS/MS	Rat Plasma K ₂ -EDTA
Atorvastatin	HPLC-MS/MS	Rat Plasma K ₂ -EDTA
Benzylpenicillin	HPLC-MS/MS	Ovine Plasma K ₃ -EDTA
Benzylpenicillin	HPLC-MS/MS	Ovine Muscle
Benzylpenicillin	HPLC-MS/MS	Ovine Kidney
Benzylpenicillin	HPLC-MS/MS	Ovine Liver
Benzylpenicillin	HPLC-MS/MS	Ovine Fat
Ceftiofur	HPLC-MS/MS	Pig Plasma K ₂ -EDTA
Ceftiofur	HPLC-MS/MS	Pig Injection site (Muscle)
Ceftiofur	HPLC-MS/MS	Bovine Plasma K ₂ -EDTA
Ceftiofur	HPLC-MS/MS	Bovine Injection Site (Muscle)



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Ceftiofur	HPLC-MS/MS	Bovine Milk
Ciprofloxacin	HPLC-MS/MS	Cat Plasma K ₂ -EDTA
Colistin	HPLC-MS/MS	Pig Intestinal Content
Colistin	HPLC-MS/MS	Pig Slurry
Chloral hydrate	GC/ μ -ECD	Rabbit Plasma Lithium Heparin
Dexamethasone	HPLC-MS/MS	Rat Plasma K ₃ -EDTA
Diampylate	HPLC-MS/MS	Ovine Fat
Diampylate	HPLC-MS/MS	Ovine Kidney
Diampylate	HPLC-MS/MS	Ovine Liver
Diampylate	HPLC-MS/MS	Ovine Injection site (Muscle)
Diclazuril	HPLC-MS/MS	Sheep plasma
Diclazuril	HPLC-MS/MS	Calf plasma
Dihydrostreptomycin	HPLC-MS/MS	Swine Injection site (Muscle)
Dihydrostreptomycin and Penicillin	HPLC-MS/MS	Ovine Injection site (Muscle)
Dihydrostreptomycin and Penicillin	HPLC-MS/MS	Ovine Fat
Dihydrostreptomycin and Penicillin	HPLC-MS/MS	Ovine Liver



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Dihydrostreptomycin and Penicillin	HPLC-MS/MS	Ovine Kidney
Dihydrostreptomycin and Penicillin	HPLC-MS/MS	Ovine Milk
Disaccharide	HPLC-MS/MS	Mouse Plasma K ₃ -EDTA
Docetaxel	HPLC-MS/MS	Dog Plasma Sodium Heparin
Doxorubicin	HPLC-MS/MS	Mouse Plasma K ₂ -EDTA
Enrofloxacin	HPLC-MS/MS	Cat Plasma K ₂ -EDTA
Enrofloxacin	HPLC-MS/MS	Rabbit Plasma K ₂ -EDTA
Erythromycin	HPLC-MS/MS	Chicken Egg
Fenbendazole sulfone	HPLC-MS/MS	Pig Liver
Furosemide	HPLC-MS/MS	Cat Plasma K ₃ -EDTA
Furosemide	HPLC-MS/MS	Dog Plasma K ₃ -EDTA
Gentisic acid	HPLC-MS/MS	Rat Plasma K ₂ -EDTA
Gentisic acid	HPLC-MS/MS	Dog Plasma K ₂ -EDTA
Gentisic acid	HPLC-MS/MS	Minipig Plasma K ₂ -EDTA
Goserelin	HPLC-MS/MS	Dog Plasma K ₃ -EDTA
Ivermectin (H2B1a component)	HPLC-MS/MS	Swine Plasma K ₂ -EDTA



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Ketoprofen	HPLC-MS/MS	Bovine Lung
Ketoprofen	HPLC-MS/MS	Bovine Liver
Ketoprofen	HPLC-MS/MS	Bovine Kidney
Ketoprofen	HPLC-MS/MS	Bovine Muscle
Ketoprofen	HPLC-MS/MS	Bovine Fat
Leuprolide	HPLC-MS/MS	Dog Plasma K ₃ -EDTA
Melatonin	HPLC-MS/MS	Sheep plasma K ₃ -EDTA
Metamizol (4- Methylaminoantipyrin)	HPLC-MS/MS	Pig Muscle
Methotrexate	HPLC-MS/MS	Rat Plasma K ₂ -EDTA
Octreotide	HPLC-MS/MS	Dog Plasma K ₃ -EDTA
Octreotide	HPLC-MS/MS	Rat Plasma K ₃ -EDTA
Octreotide	HPLC-MS/MS	Rabbit Plasma K ₂ -EDTA
Oxfendazole	HPLC-MS/MS	Pig Plasma K ₂ -EDTA
Oxytetracycline (parent and 4-epioxytetracycline)	HPLC-MS/MS	Pig Injection site (Muscle)
Oxytetracycline (parent and 4-epioxytetracycline)	HPLC-MS/MS	Pig Liver
Oxytetracycline (parent and 4-epioxytetracycline)	HPLC-MS/MS	Pig Kidney



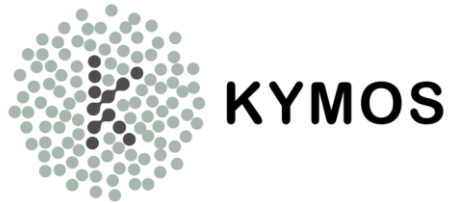
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Oxytetracycline (parent and 4-epioxytetracycline)	HPLC-MS/MS	Bovine Injection site (Muscle)
Oxytetracycline (parent and 4-epioxytetracycline)	HPLC-MS/MS	Ovine Injection site (Muscle)
Oxytetracycline (parent and 4-epioxytetracycline)	HPLC-MS/MS	Cow Milk
Oxytetracycline (parent and and 4-epioxytetracycline)	HPLC-MS/MS	Ovine Milk
Penicillin G	HPLC-MS/MS	Cow Milk
Phenol	HPLC-MS/MS	Rabbit Plasma Lithium Heparin
Pimobendan	HPLC-MS/MS	Dog Plasma K ₂ -EDTA
Prednisolone	HPLC-MS/MS	Cat Plasma K ₂ -EDTA
Prednisolone	HPLC-MS/MS	Dog Plasma K ₂ -EDTA
Ribavirin	HPLC-MS/MS	Rat Plasma K ₃ -EDTA
Risperidone	HPLC-MS/MS	Dog Plasma Sodium Heparin
Spiramycin (parent and neospiramycin)	HPLC-MS/MS	Cow Milk
Spiramycin (parent and neospiramycin)	HPLC-MS/MS	Calf Kidney
Spiramycin (parent and neospiramycin)	HPLC-MS/MS	Calf Injection site (Muscle)
Spiramycin (parent and neospiramycin)	HPLC-MS/MS	Calf Fat
Spiramycin (parent and neospiramycin)	HPLC-MS/MS	Calf Liver



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Spiramycin (parent and neospiramycin)	HPLC-MS/MS	Calf Plasma
Spiramycin (parent and neospiramycin)	HPLC-MS/MS	Calf Lung
Testosterone	HPLC-MS/MS	Dog Plasma K ₃ -EDTA
Tilmicosin	HPLC-MS/MS	Bovine Lung
Tilmicosin	HPLC-MS/MS	Bovine Liver
Tilmicosin	HPLC-MS/MS	Bovine Kidney
Tilmicosin	HPLC-MS/MS	Bovine Injection site (Muscle)
Tilmicosin	HPLC-MS/MS	Bovine Fat
Tylosin	HPLC-MS/MS	Cow Milk
Toltrazuril	HPLC-MS/MS	Bovine Plasma K ₃ -EDTA
Toltrazuril sulfone	HPLC-MS/MS	Pig Injection site (Muscle)
Toltrazuril sulfone	HPLC-MS/MS	Pig Liver
Toltrazuril sulfone	HPLC-MS/MS	Pig Kidney
Toltrazuril sulfone	HPLC-MS/MS	Pig Fat and Skin
Tramadol	HPLC-MS/MS	Dog Plasma K ₂ -EDTA
Trichloroethanol	GC/ μ -ECD	Rabbit Plasma Lithium Heparin



Tungstate	ICP-MS	Dog Plasma Lithium Heparin
Tungstate	ICP-MS	Rabbit Plasma Lithium Heparin

...and many other methods for innovative products of different therapeutic classes.