

# Schedule of Accreditation



Organisation Name	Teagasc
Trading As	
INAB Reg No	38T
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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	24/09/1993
Scope Classification	Chemical testing
Services available to the public <sup>1</sup>	

<sup>1</sup> Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Residues	Teagasc Food Research Centre, Ashtown, Dublin 15, Dublin, Ireland, D15KN3K

# Scope of Accreditation

## Residues

### Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
752 Chemical residue testing - .01 Drugs and drug metabolites	FADM 516 **1234	Keto-triclabendazole	5-1000	Bovine Liver, µg/kg	UHPLC-MS/MS	in house developed
			5-1000	Bovine Muscle µg/kg	UHPLC-MS/MS	in house developed
		Triclabendazole	1-200	Bovine Milk µg/kg	UHPLC-MS/MS	in house developed
			5-1000	Bovine Liver, µg/kg	UHPLC-MS/MS	in house developed
			5-1000	Bovine Muscle µg/kg	UHPLC-MS/MS	in house developed
		Triclabendazole sulphone	1-200	Bovine Milk µg/kg	UHPLC-MS/MS	in house developed
			5-1000	Bovine Liver, µg/kg	UHPLC-MS/MS	in house developed
			5-1000	Bovine Muscle µg/kg	UHPLC-MS/MS	in house developed
		Triclabendazole sulphoxide	1-200	Bovine Milk µg/kg	UHPLC-MS/MS	in house developed
			5-1000	Bovine Liver, µg/kg	UHPLC-MS/MS	in house developed
			5-1000	Bovine Muscle µg/kg	UHPLC-MS/MS	in house developed

FADM 521 **1234	Dimetridazole	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
	Ipronidazole	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
	Ipronidazole-OH	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
	Metronidazole	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
	Metronidazole-OH	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
	Ornidazole	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
	Ronidazole	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
FADM 521 **1234	HMMNI	0.1-20	Finfish and Avian Tissue, Prawns	UHPLC-MS/MS	in house developed
FADM 592 **1234	1-amino-hydantoin (AHD)	0.051-5	Muscle µg/kg	UHPLC-MS/MS	in house developed
		0.057-5	Fish µg/kg	UHPLC-MS/MS	in house developed
		0.074-5	Liver µg/kg	UHPLC-MS/MS	in house developed
		0.079-5	Egg µg/kg	UHPLC-MS/MS	in house developed
		0.087-5	Plasma µg/kg	UHPLC-MS/MS	in house developed
	3-amino-2-oxalidinone (AOZ)	0.041-5	Fish µg/kg	UHPLC-MS/MS	in house developed
		0.049-5	Muscle µg/kg	UHPLC-MS/MS	in house developed
		0.064-5	Plasma µg/kg	UHPLC-MS/MS	in house developed
		0.066-5	Egg µg/kg	UHPLC-MS/MS	in house developed
		0.067-5	Liver µg/kg	UHPLC-MS/MS	in house developed
	5-methylmorpholino-3-amino-2-oxalidinone (AMOZ)	0.060-5	Muscle µg/kg	UHPLC-MS/MS	in house developed
		0.061-5	Fish µg/kg	UHPLC-MS/MS	in house developed
		0.072-5	Plasma µg/kg	UHPLC-MS/MS	in house developed

		0.073-5	Liver µg/kg	UHPLC-MS/MS	in house developed
		0.077-5	Egg µg/kg	UHPLC-MS/MS	in house developed
	semicarbazide (SEM)	0.064-5	Fish µg/kg	UHPLC-MS/MS	in house developed
		0.064-5	Liver µg/kg	UHPLC-MS/MS	in house developed
		0.069-5	Plasma µg/kg	UHPLC-MS/MS	in house developed
		0.071-5	Muscle µg/kg	UHPLC-MS/MS	in house developed
		0.074-5	Egg µg/kg	UHPLC-MS/MS	in house developed
FADM 593 **1234	1-amino-hydantoin (AHD)	0.138-5	Honey µg/kg	UHPLC-MS/MS	in house developed
	3-amino-2-oxalidinone (AOZ)	0.093-5	Honey µg/kg	UHPLC-MS/MS	in house developed
	5-methylmorpholino-3-amino-2-oxalidinone (AMOZ)	0.096-5	Honey µg/kg	UHPLC-MS/MS	in house developed
	semicarbazide (SEM)	0.090-5	Honey µg/kg	UHPLC-MS/MS	in house developed
FADM 633 **1234	Amprolium	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
		1-75	Muscle µg/kg	UHPLC-MS/MS	in house developed
	Aprinocid	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
		1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
	Clopidol	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
		1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
	Cyromazine	1-75	Muscle µg/kg	UHPLC-MS/MS	in house developed
	Decoquinat	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
		1-75	Muscle µg/kg	UHPLC-MS/MS	in house developed
	Diaveridine	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
		1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
	Diclazuril	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
		1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
	Ethopabate	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed

	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Halofuginone	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Imidocarb	10-1000	Muscle µg/kg	UHPLC-MS/MS	in house developed
	10-500	Egg µg/kg	UHPLC-MS/MS	in house developed
Laidlomycin	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Lasalocid	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Maduramycin	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Monensin	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Narasin	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Nequinatate	1-75	Muscle µg/kg	UHPLC-MS/MS	in house developed
Nicarbazin	10-1000	Muscle µg/kg	UHPLC-MS/MS	in house developed
	10-500	Egg µg/kg	UHPLC-MS/MS	in house developed
Robenidine	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Salinomycin	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Semduramycin	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
	1-50	Egg µg/kg	UHPLC-MS/MS	in house developed
Toltrazuril	20-1000	Egg µg/kg	UHPLC-MS/MS	in house developed
	20-2000	Muscle µg/kg	UHPLC-MS/MS	in house developed
Toltrazuril SO	20-1000	Egg µg/kg	UHPLC-MS/MS	in house developed
	20-2000	Muscle µg/kg	UHPLC-MS/MS	in house developed

	Toltrazuril SO2	20-1000	Egg µg/kg	UHPLC-MS/MS	in house developed
		20-2000	Muscle µg/kg	UHPLC-MS/MS	in house developed
FADM 633 **1234	Maduramycin	1-100	Muscle µg/kg	UHPLC-MS/MS	in house developed
FADM 634 **1234	Diclazuril	25-2000	Avian Muscle µg/kg	UHPLC-MS/MS	in house developed
	Nicarbazin	200-16000	Avian Muscle µg/kg	UHPLC-MS/MS	in house developed
	Robenidine	10-800	Avian Muscle µg/kg	UHPLC-MS/MS	in house developed
FADM 635 **1234	Amprolium	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Aprinocid	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Clopidol	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Cyromazine	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Decoquinat	2.0-50	Milk µg/kg	UHPLC-MS/MS	in house developed
	Diaveridine	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Diclazuril	1.0-100	Milk µg/kg	UHPLC-MS/MS	in house developed
	Ethopabate	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Halofuginone	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Imidocarb	10.0-1000	Milk µg/kg	UHPLC-MS/MS	in house developed
	Laidlomycin	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Lasalocid	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Maduramycin	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Monensin	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Narasin	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Nequinat	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Nicarbazin	2.0-200	Milk µg/kg	UHPLC-MS/MS	in house developed
	Robenidine	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
Salinomycin	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed	

	Semduramycin	0.2-20	Milk µg/kg	UHPLC-MS/MS	in house developed
	Toltrazuril	25.0-625	Milk µg/kg	UHPLC-MS/MS	in house developed
	Toltrazuril SO	12.5-375	Milk µg/kg	UHPLC-MS/MS	in house developed
	Toltrazuril SO2	12.5-375	Milk µg/kg	UHPLC-MS/MS	in house developed
FADM 636 **1234	Cyromazine	50-1000	Ovine Muscle µg/kg	UHPLC-MS/MS	in house developed
	Imidocarb	50-1000	Ovine Muscle µg/kg	UHPLC-MS/MS	in house developed
FADM515 **1234	5-Hydroxy thiabendazole	1.0-180	Milk, µg/kg	UHPLC-MS/MS	in house developed
		2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
		2.8-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	Abamectin	0.25-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
		2.8-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
		2.8-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	Albendazole	0.081-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
		2.2-3000	Liver, µg/kg	UHPLC-MS/MS	in house developed
		2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	Albendazole amino sulphone	1.0-180	Milk, µg/kg	UHPLC-MS/MS	in house developed
		2.2-3000	Liver, µg/kg	UHPLC-MS/MS	in house developed
		2.4-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	Albendazole sulphone	1.0-180	Milk, µg/kg	UHPLC-MS/MS	in house developed
		2.3-3000	Liver, µg/kg	UHPLC-MS/MS	in house developed
		2.4-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	Albendazole sulphoxide	1.0-180	Milk, µg/kg	UHPLC-MS/MS	in house developed
		2.3-3000	Liver, µg/kg	UHPLC-MS/MS	in house developed
		2.7-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed

Amino flubendazole	0.092-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.3-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.3-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Amino mebendazole	0.069-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.3-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Bithionol	0.14-16.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	4.7-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	5.3-100	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Bromophene	0.20-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Cambendazole	0.14-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.3-50	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Carbendazim	0.64-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Clorsulon	1.0-28.8	Milk, µg/kg	UHPLC-MS/MS	in house developed
	4.8-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	5.7-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Closantel	1.0-81	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.3-3000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.6-2000	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Coumaphos	0.20-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.3-50	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	2.4-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Coumaphos-oxon	0.14-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.3-50	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	3.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Cyclobendazole	0.089-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed



Delete	0.20-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Derquantel	0.29-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Doramectin	0.38-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.7-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	3.4-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Emamectin	0.34-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.6-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	3.0-50	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Eprinomectin	0.50-36.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	3.0-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	3.4-3000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Fenbendazole	0.50-18.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Fenbendazole Sulphone	0.50-18.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.4-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Flubendazole	0.087-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	2.8-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Haloxon	0.23-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	4.3-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Hydroxy flubendazole	0.16-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed

Hydroxy mebendazole	0.066-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.2-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Hydroxy-Triclabendazole	0.14-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Ivermectin	0.23-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.8-50	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	3.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Keto-Triclabendazole	6.0-18.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Levamisole	0.097-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.4-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Luxabendazole	0.073-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Mebendazole	0.083-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Monepantel	0.14-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
	2.5-10000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Monepantel Sulphone	2.0-306	Milk, µg/kg	UHPLC-MS/MS	In house developed
	2.6-10000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Morantel	1.0-90	Milk, µg/kg	UHPLC-MS/MS	in house developed
	4.8-3000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	5.1-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Moxidectin	1.0-72	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.8-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.9-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Nicosamide	0.18-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed

	2.3-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Nitroxylin	0.50-36.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.3-2000	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Oxfendazole	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Oxibendazole	0.18-8.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	3.1-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Oxyclozanide	0.50-18.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	4.6-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	5.4-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Praziquantel	0.16-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Pyrantel	0.11-8.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Rafoxanide	0.50-18.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.2-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.6-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Thiabendazole	1.0-180	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.5-200	Muscle, µg/kg	UHPLC-MS/MS	in house developed
	2.6-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
Tribromosalan	0.40-16.0	Milk, µg/kg	UHPLC-MS/MS	In house developed
Triclabendazole	0.50-18.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	2.3-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-2000	Muscle, µg/kg	UHPLC-MS/MS	in house developed
Triclabendazole sulphone	2.4-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed

			2.9-2000	Muscle, µg/kg	UHPLC-MS/MS	in house developed
			CCbeta-1.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
	Triclabendazole sulphoxide		2.5-1000	Liver, µg/kg	UHPLC-MS/MS	in house developed
			2.5-2000	Muscle, µg/kg	UHPLC-MS/MS	in house developed
			CCbeta-1.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
FADM515 **1234	Oxfendazole		0.50-18.0	Milk, µg/kg	UHPLC-MS/MS	in house developed
FADM540**1234	Acyclovir		0.50-4.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Amantadine		1.0-8.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Arbidol		0.10-0.80	Avian Muscle	UHPLC-MS/MS	in house developed
	Arbidol Sulphone		0.50-4.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Arbidol Sulphoxide		0.10-0.80	Avian Muscle	UHPLC-MS/MS	in house developed
	Favipiravir		25.0-200	Avian Muscle	UHPLC-MS/MS	in house developed
	Ganciclovir		2.0-16.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Laninamivir		10.0-80	Avian Muscle	UHPLC-MS/MS	in house developed
	Oseltamivir		0.50-4.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Oseltamivir Acid		2.0-16.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Peramivir		2.0-16.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Ribavirin		25.0-200	Avian Muscle	UHPLC-MS/MS	in house developed
	Rimantadine		0.50-4.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Viramidine		2.0-16.0	Avian Muscle	UHPLC-MS/MS	in house developed
	Zanamivir		2.0-16.0	Avian Muscle	UHPLC-MS/MS	in house developed
FADM592 **1234	3, 5 Dinitrosalicylic acid hydrazide (DNSAH)		0.11-5.0	Muscle, µg/kg	UHPLC-MS/MS	In house developed
FADM594**1234	1-amino-hydantoin (AHD)		0.020-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
			0.030-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed

		3,5-dinitrosalicylic acid hydrazide (DNSAH)	0.022-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
			0.058-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed
		3-Amino-2-Oxalidinone (AOZ)	0.019-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed
			0.048-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
		4-Hydroxy-benzhydrazide (HBH)	0.034-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
			0.070-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed
		5-Methylmorpholino-3-amino-2-oxalidinone (AMOZ)	0.013-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed
			0.079-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
		Aminoguanidine (AGN)	0.017-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed
			0.022-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
		Oxamic Acid Hydrazide (OAH)	0.20-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed
			0.35-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
		semicarbazide (SEM)	0.20-5.0	Bovine Plasma, µg/kg	UHPLC-MS/MS	in house developed
		Semicarbizide (SEM)	0.20-5.0	Muscle, µg/kg	UHPLC-MS/MS	in-house developed
752 Chemical residue testing - .04 Pesticide residues	FADM 530 **1234	Chlorate	0.0020-0.400 mg/kg	milk	LC/MS-MS	In house developed method
		Perchlorate	0.0020-0.400 mg/kg	milk	LC/MS-MS	In house developed method
	FADM 583 **1234	2,3,5-Trimethacarb	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
			2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
			2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed

Aldicarb	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Aldicarb sulphone	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Aldicarb sulphoxide	2.7-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.7-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Aminocarb	2.3-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.3-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Bendiocarb	2.6-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.6-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Benthavalicarb	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Carbaryl	2.5-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Carbofuran	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed

	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Diethofenocarb	2.5-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Fenobucarb	2.6-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.6-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Fenoxycarb	2.5-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Hydroxy carbofuran	2.5-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
	6.0-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
Indoxacarb	2.5-150	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-150	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Iprovalicarb	2.3-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.3-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Isoprocarb	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Methiocarb	2.6-50	Liver, µg/kg	UHPLC-MS/MS	in house developed

	2.6-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Methiocarb sulphone	2.5-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Methiocarb sulphoxide	12.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Methomyl	2.6-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.6-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
Molinate	10-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
	5.0-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	5.0-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
Oxamyl	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
	6.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
Oxamyl oxime	2.5-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	2.5-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
Pebulate	10-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
	7.5-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
	7.5-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
Primicarb	2.2-50	Liver, µg/kg	UHPLC-MS/MS	in house developed



			2.2-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
			2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
		Primicarb desmethyl	2.6-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
			2.6-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
			2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
		Propamocarb	2.6-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
			2.6-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
			2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
		Propoxur	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
			2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
			2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
		Prosulfocarb	2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
			4.3-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
			4.3-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
		Thiobencarb	2.4-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
			2.4-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
			2-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
		Tri-allate	10-100	Honey, µg/kg	UHPLC-MS/MS	in house developed
			7.6-50	Liver, µg/kg	UHPLC-MS/MS	in house developed
			7.6-50	Porcine Liver, µg/kg	UHPLC-MS/MS	in house developed
FADM 654 **1234		Acrinathrin	10.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed

	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Allethrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Azamethiphos	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Bifenthrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Cypermethrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Cyphenothrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Deltamethrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine	UHPLC-MS/MS	in house developed

		and Cervine Fat µg/kg		
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Dicyclanil	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
Diflbenzuron	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Fenproparthin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Fenvalerate	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Flucythrinate	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
Flumethrin	10.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed

		5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
		5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
	Permethrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	Phenothrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	Phethoate	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	Pyrethrins	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
	Resmethrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
		5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed

		Tau-Fluvalinate	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
		Tetramethrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
		Tralomethrin	10.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Honey µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
		β-Cyfluthrin	25.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed
		λ-Cyhalothrin	5.0-1000	Bovine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-1000	Ovine, Avian, Porcine, Equine and Cervine Fat µg/kg	UHPLC-MS/MS	in house developed
			5.0-500	Honey µg/kg	UHPLC-MS/MS	in house developed