

# Schedule of Accreditation



|   |   |
|---|---|
| Organisation Name                             | Teagasc   |
| Trading As                                    |   |
| INAB Reg No                                   | 38T   |
| Contact Name                                  | Mary Moloney  |
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| Website                                       | http://www.teagasc.ie                                     |
| 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,<br>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<br>µg/kg | UHPLC-MS/MS | in house developed |                    |
| FADM 593 **1234 | 1-amino-hydantoin<br>(AHD) | 0.138-5  |         | Honey µg/kg            | UHPLC-MS/MS | in house developed |                    |
|                 |                            | 3-amino-2-oxalidinone<br>(AOZ)                         | 0.093-5 |                        | Honey µg/kg | UHPLC-MS/MS        | in house developed |
|                 |                            | 5-methylmorpholino-3-<br>amino-2-oxalidinone<br>(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<br>µg/kg | UHPLC-MS/MS        | in house developed |
|                 | Robenidine   | 10-800     | Avian Muscle<br>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<br>µg/kg | UHPLC-MS/MS        | in house developed |
|                   | Imidocarb                     | 50-1000     | Ovine Muscle<br>µg/kg | UHPLC-MS/MS        | in house developed |
| FADM515 **1234    | 5-Hydroxy<br>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<br>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<br>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 |
| Niclosamide          | 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 |
| Nitroxynil           | 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 |
|                | Ribavarin                                   | 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 |
| 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 |
|                |   | 0.044-5.0 | Aquaculture Muscle, µg/kg | UHPLC-MS/MS | in-house developed |
|                |   | 0.25-5.0  | Egg, 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 |
|                |   | 0.035-5.0 | Egg, µg/kg                | UHPLC-MS/MS | in-house developed |
|                |   | 0.044-5.0 | Aquaculture Muscle, 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 |
|   | 0.039-5.0 | Egg, µg/kg                | UHPLC-MS/MS | in-house developed |
|   | 0.048-5.0 | Bovine Plasma, µg/kg      | UHPLC-MS/MS | in house developed |
|   | 0.054-5.0 | Aquaculture Muscle, µg/kg | UHPLC-MS/MS | in-house developed |
| 4-Hydroxy-benzhydrazide (HBH)                   | 0.028-5.0 | Egg, µg/kg                | UHPLC-MS/MS | in-house developed |
|   | 0.034-5.0 | Bovine Plasma, µg/kg      | UHPLC-MS/MS | in house developed |
|   | 0.038-5.0 | Aquaculture Muscle, 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 (AMTZ) | 0.013-5.0 | Muscle, µg/kg             | UHPLC-MS/MS | in-house developed |
|   | 0.038-5.0 | Egg, µg/kg                | UHPLC-MS/MS | in-house developed |
|   | 0.063-5.0 | Aquaculture 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 |
|   | 0.043-5.0 | Aquaculture Muscle, µg/kg | UHPLC-MS/MS | in-house developed |
|   | 0.25-5.0  | Egg, 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 |
|   | 0.25-5.0  | Aquaculture Muscle, µg/kg | UHPLC-MS/MS | in-house developed |
|   | 0.25-5.0  | Egg, 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           | Aquaculture Muscle, µg/kg | UHPLC-MS/MS | in-house developed        |
|   |                 |                     | 0.20-5.0           | Bovine Plasma, µg/kg      | UHPLC-MS/MS | in house developed        |
|   |                 |                     | 0.25-5.0           | Egg, µg/kg                | UHPLC-MS/MS | in-house developed        |
|   |                 | Semicarbazide (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                       | UHPLC-MS/MS   | in house developed |                    |

|               |          |  |             |                    |
|---------------|----------|--|-------------|--------------------|
|               |          | and Cervine Fat<br>µg/kg                                     |             |                    |
|               | 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,<br>Porcine, Equine<br>and Cervine Fat<br>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,<br>Porcine, Equine<br>and Cervine Fat<br>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,<br>Porcine, Equine<br>and Cervine Fat<br>µg/kg | UHPLC-MS/MS | in house developed |
|               | 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,<br>Porcine, Equine<br>and Cervine Fat<br>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,<br>Porcine, Equine<br>and Cervine Fat<br>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                       | UHPLC-MS/MS | in house developed |

|  |  |               |           |  |             |                    |
|--|--|---------------|-----------|--|-------------|--------------------|
|  |  |               |           | and Cervine Fat<br>µg/kg                                     |             |                    |
|  |  | β-Cyfluthrin  | 25.0-1000 | Bovine Fat µg/kg   | UHPLC-MS/MS | in house developed |
|  |  |               | 5.0-1000  | Ovine, Avian,<br>Porcine, Equine<br>and Cervine Fat<br>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,<br>Porcine, Equine<br>and Cervine Fat<br>µg/kg | UHPLC-MS/MS | in house developed |
|  |  |               | 5.0-500   | Honey µg/kg  | UHPLC-MS/MS | in house developed |

*The laboratory has been awarded flexible scope in the scope classifications as noted in the scope document and in accordance with the laboratories approved and documented procedures.*

*Note 1 - Range may be extended for the test*

*Note 2 – New parameters / tests may be added*

*Note 3 – New matrices may be added*

*Note 4 – Changes to equipment / kits where the underlying methodology does not change*

*For further details please refer to the laboratories 'Master list of Flexible scope changes', available directly from the laboratory.*