Schedule of Accreditation

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SASA a Division of the Scottish Government Agriculture and Rural Economy Directorate

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Chemical Tests	
Fruit and Vegetables Wildlife	Detection, quantification and confirmation of pesticide residues and associated contaminant residues, using flexible scope method CHEM-075 for analytes not covered by the specific methodology given in the scope of accreditation below	Methods developed and validated following the Flexible Scope Protocol CHEM-075 Extractions utilising liquid/liquid, QuPPe or QuEChERS followed by identification and quantification using LC-MS/MS, IC-MS/MS or GC-MS/MS
Wildlife – Digestive tract content, liver, kidney and blood	Identification, quantification and confirmation of chemical residues as given in table 3 and table 4	Documented In-House CHEM-095 by GC-MS/MS or LC-MS/MS using QuEChERS extraction with SPE clean-up
Wildlife - blood	Identification, quantification and confirmation of chemical residues as given in table 5	Documented In-House CHEM-095 by LC-MS/MS using QuEChERS extraction with SPE clean-up
FOOD and FOOD PRODUCTS		
Fruit and Vegetables High water content High acid content	Dithiocarbamate Pesticides as CS_2	CHEM-011 by digestion and GC-MS
Fruit and Vegetables High water content High acid content	Identification, quantification and confirmation of pesticide residues: Diafenthiuron Nicotine Dithianon TFNA TFNG	CHEM-083 using LC-MS/MS

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD and FOOD PRODUCTS (cont'd)	Chemical Tests (cont'd)	Documented In-House Methods
Fruit and Vegetables High water content High acid content	Identification, quantification and confirmation of pesticide residues as given in tables 1 & 2	CHEM-085 by LC-MS/MS using QuEChERS extraction and GC-MS/MS following SPE clean up
Fruit and Vegetables High water content High acid content	Identification, quantification and confirmation of pesticide residues (Highly Polar Anionic Pesticides) AMPA Chlorate Ethephon Fosetyl Glufosinate Glyphosate MPPA N-acetyl AMPA N-acetyl glufosinate N-acetyl glyphosate Perchlorate Phosphonic acid	CHEM-096 using IC-MS/MS (QuPPe extraction)
Fruit and Vegetables High water content High acid content	Identification, quantification and confirmation of pesticide residues: Chlormequat Mepiquat	CHEM-096 using LC-MS/MS (QuPPe extraction)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLANTS and PLANT MATERIALS	Physical Tests	Methods carried out according to International Seed Testing Association (ISTA) Rules or Documented In-House Methods Identified by method number OSTS -
Seeds	Analytical Purity	ISTA Rules Chapters 3 & 11
	Determination of other seeds	ISTA Rules Chapters 4 & 11
	Moisture content	ISTA Rules Chapter 9
	Thousand seed weight	ISTA Rules Chapter 10
	Performance Tests	Methods carried out According to International Seed Testing Association (ISTA) Rules or Documented In-House Methods Identified By method number OSTS -
	Electroconductivity (excluding petit pois varieties)	OSTS-15.2 based on the ISTA Rules Chapter 15, 15.8.1
	Germination	ISTA Rules Chapters 5 & 11
	Biochemical Tests	Methods carried out According to International Seed Testing Association (ISTA) Rules or Documented In-House Methods Identified By method number OSTS -
Seeds	Tetrazolium viability Tetrazolium vigour tests	ISTA Rules Chapter 6 OSTS-15.1

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLANTS and PLANT MATERIALS (cont'd)	<u>Microbiological Tests</u>	Methods carried out according to International Seed Testing Association (ISTA) Rules or Documented In-House Methods Identified by method number OSTS -
Seeds	Agar plate disease tests covering *Ascochyta spp* *Ascochyta fabae* *Drechslera sorokiniana* *Drechslera graminea* *Drechslera teres* *Drechslera avenae* *Parastagonospora nodorum (syn. Leptosphaeria nodorum)* *Microdochium* spp (*M. nivale* & *M. majus*)	OSTS-7.3
	Disease test - loose smut (*Ustilago nuda*)	ISTA Rules, Chapter 7, Method 7-013a OSTS-7 2.1
	Disease test - bunt (*Tilletia caries*)	OSTS - 7.2.2
	<u>Molecular Tests</u>	
Seeds	Real-time PCR test - *Microdochium* spp (*M. nivale* & *M. majus*)	Methods carried out according to International Seed Testing Association (ISTA) Rules or Documented In-House Methods Identified by method number OSTS - OSTS 7.5.2, 7.5.2.2 and 7.5.3

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLANT and PLANT MATERIALS (cont'd)	Molecular Tests (cont'd)	Documented in-house methods
	Tests used by the UK Potato Quarantine Unit	
Potato	Detection of viruses, phytoplasmas or *Candidatus* species	Methods developed and validated following the Flexible Scope protocol PH030, meeting the requirements of EPPO PM 7/98: *Specific requirements for laboratories preparing accreditation for a plant pest diagnostic activity*
	Detection of viruses, phytoplasmas or *Candidatus* species	Plant Health SOP PH011 using molecular techniques as described below
	Beet curly top virus	Using conventional one-step PCR – Simple reaction and multiplex with COX
	Begomovirus	Using Conventional one-step with COX PCR with multiplex reaction
	Candidatus Arsenophonus phytopathogenicus' (CAp)	Using real time one-step RT-PCR and Duplex test with COX
	Carlavirus	Using Conventional one-step using RT-PCR and multiplex with nad5
	Nepovirus B	Using real time one-step RT- PCR- and multiplex with nad5
	Potato leafroll virus	Using real time one-step RT-PCR and multiplex with nad5
Potato	Potato yellow vein virus	Using real time one-step RT- PCR- Simplex reaction and multiplex with nad5
	Potato yellowing virus	Using Conventional one-step RT-PCR and multiplex with nad5
	Potexvirus	Using Conventional one-step RT-PCR and multiplex with nad5

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLANT and PLANT MATERIALS (cont'd)	Molecular Tests (cont'd)	Documented in-house methods
	Tests used by the UK Potato Quarantine Unit (cont'd) Potyvirus	Using Conventional one-step PCR-Simplex reaction and multiplex with nad5
	Tobacco rattle virus	Using real time one-step RT- PCR and multiplex reaction with nad5
	Tomato chlorosis virus	Using real time one-step RT- with nad5PCR and multiplex reaction
	Tomato infectious chlorosis virus	Using real time one-step RT- PCR and multiplex reaction with nad5
	Candidatus Liberibacter solanacearum	Using real time one-step RT-PCR and multiplex with COX
Potato	Detection using ELISA and bioassay of: Potato leafroll virus (ELISA only) Potato mop-top virus Potato virus A Potato virus M Potato virus S Potato virus V Potato virus X Potato virus Y Tomato black ring virus (Bioassay only) Andean potato latent virus Andean potato mottle virus Arracacha virus B- oca strain Potato blackring spot virus Potato latent virus Potato virus P Potato virus T Potato yellowing virus (ELISA only) Tomato spotted wilt virus	Plant Health SOPs PH-008, PH-009 & PH-010 and EPPO Standard PM 3/21by ELISA and Bioassay to meet the requirements of regulations: 1) The Plant Health (Phytosanitary Conditions) (Amendment) (EU Exit) Regulations 2020 2) Commission Implementing Regulation (EU) 2019/2148 of 13 December 2019 3) Commission Implementing Regulation (EU) 2019/2072 of 28 November 2019 as amended by Commission Implementing Regulation (EU) 2021/2285 of 14 December 2021 4) MPI Biosecurity (Plants) standard 155.02.06: Importation of Nursery Stock of Solanum tuberosum into New Zealand 5) Export requirements between the United Kingdom Potato Quarantine Unit, SASA and Australia for the export of potato tissue culture to Australia

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLANTS and PLANT MATERIALS (cont'd)	Virological Tests used by Virology Section	Documented in-house methods
Potato and leaf material	Detection using real-time PCR (Molecular) tests for: Potato Leaf Roll Virus Potato virus A Potato virus Y	VIR SOP-028, EPPO Standard PM 7/98 (2021) by real-time PCR and UNECE Standard S-1 (2021) Annex IX Sampling for virus testing by RT-PCR
Leaf material	Detection using Serological DAS ELISA tests for: Potato Leaf Roll Virus Potato virus A Potato virus Y-O/C Potato virus Y-N	VIR SOP-032 and VIR SOP-033 and EPPO Standard PM 7/98 (2021) by ELISA
	Molecular Tests	Documented in-house methods
Maize, Oilseed rape	Screening for EU authorised GMOs (0.1% LOD) P35S t-NOS bar P35S-pat CTP2-cp4epsps Quantification of EU authorised GMOs:	DNA extraction using OSTS-19.5 and qualitative detection by method OSTS 19.13 with QuantStudio PCR machine
Maize	MON88017	DNA extraction using OSTS-19.5 and quantitative detection by method OSTS 19.7 with QuantStudio PCR machine
Oilseed rape	GT73	DNA extraction using OSTS-19.5 and quantitative detection by method OSTS 19.7 with QuantStudio PCR machine

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS and TISSUES Blood - Whole - Swabs Saliva - Swabs Hair Feather Cellular Material Body Tissue - Skin - Nail - Muscle - Bone - Horn	<u>Forensic Analysis</u> Animal species identification by sequence analysis of cytochrome b (*cytb*) or cytochrome oxidase I (*cox1*) PCR products, generated using any of four documented primer sets in DMBWDF_VR-2. - Case Samples	Documented In-House Methods using manual DNA extraction (QIAamp DNA Investigator kit) (DMBWDF-002) Documented In-House Methods using Manual amplification (PCR) of regions of mitochondrial DNA (DMBWDF-004 and DMBWDF-VR-2) Documented In-House Methods for Sanger sequencing using Applied Biosystems 3500 Genetic Analyser© (DMBWDF-006 and DMBWDF-007)
Blood - Whole - Swabs Saliva - Swabs Hair Feather Cellular Material Body Tissue - Skin - Nail - Muscle - Bone - Horn	Animal species identification using flexible scope protocol DMBWDF-019, using PCR primer sets, not listed on this schedule. - Case Samples	Documented In-House Methods using manual DNA extraction (QIAamp DNA Investigator kit) (DMBWDF-002) Documented In-House Methods using Manual amplification (PCR) of regions of mitochondrial DNA (DMBWDF-004 and DMBWDF-VR-012) Documented In-House Methods for Sanger sequencing using Applied Biosystems 3500 Genetic Analyser© (DMBWDF-006 and DMBWDF-007)
	<u>Related Opinions and Interpretation</u> Comparison of DNA sequences generated from case samples of animal origin with verified reference sequences derived from DNA sequence databases for assessment of inferred taxonomic source	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLANT TISSUES (potato tubers, stem and microplants, and egg plant stem tissue)	<u>Microbiological Tests</u>	
	Detection of *Clavibacter sepedonicus* (potato ring rot)	Documented in-house SOP - DMBBACT-014 using immunofluorescence technique in conjunction with extraction procedure SOP DMBBACT-012 or PH-013 aligned with Commission Implementing Regulation (EU) 2022/1194 (superseding Commission Directive 93/85/EEC) and test scheme detailed in the EPPO Standard PM 7/59 (2)
	Detection of presumptive *Ralstonia solanacearum* (potato brown rot)	Documented in-house SOP - DMBBACT013 by isolation on SMSA in conjunction with extraction procedure SOP -DMBBACT012 or PH-013 aligned with Commission Implementing Regulation (EU) 2022/1193 (superseding Commission Directives 98/57/EC) and test scheme detailed in the EPPO Standard PM 7/21 (3)

END

List of accredited residues

Table 1: CHEM-085 LC/MS/MS

2,4-D	2,4-DB	Abamectin	Acephate
Acetamiprid	Acetochlor	Acibenzolar-S-methyl	Aclonifen
Alachlor	Aldicarb	Aldicarb sulfone	Aldicarb sulfoxide
Allethrin	Ametoctradin	Amidosulfuron	Aminocarb
Asulam	Atrazine	Azadirachtin	Azinphos-ethyl
Azinphos-methyl	Azoxystrobin	BAC10	BAC12
BAC14	BAC16	Benalaxyl	Bendiocarb
Bentazone	Benthiavalicarb-isopropyl	Benzovindiflupyr	Bifenox
Bispyribac	Bitertanol	Boscalid	Bromoxynil
Bromuconazole	Bupirimate	Buprofezin	Butocarboxim
Butocarboxim sulfoxide	Butoxycarboxim	Carbaryl	Carbendazim
Carbetamide	Carbofuran	Carbofuran-3-hydroxy	Carboxin
Carfentrazone	Carfentrazone-ethyl	Chlorantraniliprole	Chlorbufam
Chlorfluazuron	Chloridazon	Chlorotoluron	Chromafenozide
Cinidon-Ethyl	Cinmethylin	Clethodim	Clofentezine
Clomazone	Clopyralid	Clothianidin	Coumaphos
Crufomate	Cyanazine	Cyantraniliprole	Cyazofamid
Cycloate	Cycloxydim	Cyflufenamid	Cyflumetofen
Cyhalofop-butyl	Cymoxanil	Cyproconazole	Cyprodinil
Cyromazine	DDAC	Demeton-S-methylsulfone	Demeton-S-methyl-sulfoxide (oxydemeton methyl)
Desmedipham	Desmetryn	Diafenthiuron	Diafethiuron urea
Dichlofluanid	Dichlorprop	Dichlorvos	Diclobutrazol
Dicrotophos	Diethofencarb	Difenoconazole	Diflubenzuron
Diflufenican	Dimethenamid	Dimethoate	Dimethomorph
Dimoxystrobin	Diniconazole	Dinotefuran	Dioxathion
Disulfoton	Disulfoton sulfone	Disulfoton sulfoxide	Diuron
DMF	DMPF	DMSA	DMST
Dodine	Emamectin benzoate	Epoxiconazole	EPTC
Ethiofencarb	Ethiofencarb sulfone	Ethiofencarb sulfoxide	Ethirimol
Ethofumesate	Etofenprox	Etoxazole	Famoxadone
Fenamidone	Fenamiphos	Fenamiphos sulfone	Fenamiphos sulfoxide
Fenarimol	Fenazaquin	Fenbuconazole	Fenbutatin-oxide
Fenhexamid	Fenoxycarb	Fenpropidin	Fenpropimorph
Fenpyrazamine	Fenpyroximate	Fensulfothion	Fenthion
Fenthion sulfone	Fenthion sulfoxide	Fipronil	Fipronil desulfinyl
Fipronil sulfide	Fipronil sulfone	Flonicamid	Fluazifop

Fluazifop-P-butyl	Fluazinam	Flubendiamide	Fludioxonil
Flufenacet	Flufenoxuron	Fluometuron	Fluopicolide
Fluopyram	Fluoxastrobin	Flupyridifurone	Fluquinconazole
Fluroxypyr	Flusilazole	Flutianil	Flutolanil
Flutriafol	Fluxapyroxad	Formetanate-HCl	Fosthiazate
Fuberidazole	Furalaxyl	Furathiocarb	Halofenozide
Halosulfuron-methyl	Haloxyfop	Haloxyfop-R-methyl	Heptenophos
Hexaconazole	Hexaflumuron	Hexazinone	Hexythiazox
Imazalil	Imazamox	Imazaquin	Imidacloprid
Indoxacarb	Iodosulfuron-methyl	Ioxynil	Iprovalicarb
Isofetamid	Isazophos	Isocarbophos	Isoprocarb
Isoprothiolane	Isoproturon	Isopyrazam	Isoxaben
Isoxaflutole	Kresoxim-methyl	Lenacil	Linuron
Lufenuron	Malaoxon	Malathion	Mandipropamid
MCPA	MCPB	Mecoprop	Mefentrifluconazole
Mepanipyrim	Mepronil	Mesosulfuron-methyl	Mesotrione
Metaflumizone	Metalaxyl	Metamitron	Metazachlor
Metconazole	Methabenzthiazuron	Methacrifos	Methamidophos
Methiocarb	Methiocarb sulfone	Methiocarb sulfoxide	Methomyl
Methoxyfenozide	Metobromuron	Metolachlor	Metolcarb
Metosulam	Metoxuron	Metrafenone	Metribuzin
Metsulfuron-methyl	Mevinphos	Molinate	Monocrotophos
Monolinuron	Monuron	Myclobutanil	Napropamide
Neburon	Nicosulfuron	Nitenpyram	Novaluron
Nuarimol	Ofurace	Omethoate	Oxadiargyl
Oxadiazon	Oxadixyl	Oxamyl	Oxasulfuron
Oxathiapiprolin	Paclobutrazol	Paraoxon-methyl	Penconazole
Pencycuron	Pencycuron-PB-amine	Penflufen	Penthiopyrad
Phenmedipham	Phorate	Phorate sulfone	Phorate sulfoxide
Phosmet	Phosphamidon	Phoxim	Picloram
Picolinafen	Picoxystrobin	Piperonyl butoxide	Pirimicarb
Pirimicarb desmethyl	Pirimiphos ethyl	Pirimiphos methyl	Prochloraz
Promecarb	Prometryn	Propamocarb	Propanil
Propaquizafop	Propham	Propiconazole	Propoxur
Proquinazid	Prosulfocarb	Prosulfuron	Prothioconazole desthio
Pymetrozine	Pyraclostrobin	Pyraflufen-ethyl	Pyrethrins Cinerin 1
Pyrethrins Cinerin 2	Pyrethrins Jasmolin 1	Pyrethrins Jasmolin 2	Pyrethrins Pyrethrin 1
Pyrethrins Pyrethrin 2	PYRETHRINS TOTAL	Pyridaben	Pyridalyl
Pyridaphenthion	Pyrifenox	Pyrimethanil	Pyriproxyfen
Pyroxsulam	Quinmerac	Quinoclamine	Quinoxyfen
Quizalofop	Quizalofop-ethyl	Rotenone	Simazine
Spinetoram J	Spinetoram L	SPINETORAM TOTAL	Spinosad A

Spinosad D	SPINOSAD TOTAL	Spirodiclofen	Spiromesifen
Spirotetramat	Spirotetramat-enol	Spiroxamine	Sulfoxaflor
Tebuconazole	Tebufenozide	Tebufenpyrad	Tebuthiuron
Teflubenzuron	Terbacil	Terbufos	Terbufos sulfone
Terbufos sulfoxide	Terbumeton	Terbuthylazine	Terbutryn
Tetraconazole	Tetramethrin	TFNA	TFNG
Thiabendazole	Thiacloprid	Thiamethoxam	Thiodicarb
Thiophanate-methyl	Tolfenpyrad	Tolylfluanid	Triadimenol
Tri-allate	Triasulfuron	Trichlorfon	Triclopyr
Tricyclazole	Trifloxystrobin	Triflumizole	Triflumizole FM-6-1 metabolite
Triflumuron	Triforine	Triticonazole	Tritosulfuron
Vamidothion	Zoxamide		

Table 2: CHEM-085 GC-MS/MS			
Acrinathrin	Aldrin	Bifenthrin	Biphenyl
Bromophos-ethyl	Bromopropylate	Cadusafos	Captan
Chlordane-cis	Chlordane-trans	Chlorfenapyr	Chlorfenvinphos
Chlorobenzilate	Chlorothalonil	Chlorpropham	Chlorpyrifos
Chlorpyrifos-methyl	Chlorthal-dimethyl	Chlozolinate	Cyfluthrin
Cyhalothrin (lambda)	Cypermethrin	DDD p,p	DDE p, p
DDT o,p	DDT p,p	Deltamethrin	Diazinon
Dicloran	Dicofol	Dieldrin	Diphenylamine
Endosulfan sulfate	Endosulfan-alpha	Endosulfan-beta	Endrin
EPN	Ethion	Ethoprophos	Etrimfos
Fenitrothion	Fenpropathrin	Fenvalerate	Flucythrinate
Fluensulfone	Fluvalinate	Folpet	Fonofos
Formothion	HCH-alpha	HCH-beta	HCH-gamma
Heptachlor	Heptachlor epoxide cis	Heptachlor epoxide trans	Hexachlorobenzene
Iprodione	Isofenphos	Isofenphos-methyl	Mecarbam
Methidathion	Methoxychlor	Nitrofen	Nitrothal-isopropyl
Ortho-phenylphenol	Oxyfluorfen	Parathion (ethyl)	Parathion-methyl
Pendimethalin	Pentachloroaniline	Permethrin	Phenthoate
Phosalone	Phthalimide	Procymidone	Profenofos
Propargite	Propetamphos	Propyzamide	Prothiofos
Pyrazophos	Quinalphos	Quintozene	Tecnazene
Tefluthrin	Tetrachlorvinphos	Tetradifon	THPI
Tolclofos-methyl	Triadimefon	Triazophos	Trifluralin
Vinclozolin			

Table 3: LC-MS/MS CHEM-095			
Acetamiprid	Albendazole	Albendazole sulfoxide	Aldicarb
Aldicarb-sulfone	Aldicarb-sulfoxide	Atrazine	Avermectin B1a
Azamethiophos	Azoxystrobin	Bendiocarb	Benfuracarb
Bitertanol	Boscalid	Brodifacoum	Bromadiolone
Bromuconazole	Bupirimate	Carbaryl	Carbendazim
Carbofuran	Carbofuran-3-hydroxy	Carbosulfan	Chloralose
Chlorophacinone	Chlorotoluron	Cinerin 1	Cinerin 2
Clofentezine	Clomazone	Clorsulon	Closantel
Clothianidin	Coumaphos	Coumatetralyl	Cyazofamid
Cymoxanil	Cyproconazole	Cyprodinil	Demeton-S-methyl
Demeton-S-Methyl Sulfoxide	Demeton-S-methyl-sulfone	Dichlorvos	Diclofenac
Dicoumarol	Dicyclanil	Difenacoum	Difenoconazole
Difethialone	Diflubenzuron	Dimethoate	Dimethomorph
Dimoxystrobin	Dinotefuran	Diphacinone	Disulfoton
Disulfoton-sulfone	Disulfoton-sulfoxide	Diuron	Doramectin
Emamectin benzoate B1a	Emamectin benzoate B1b	Epoxiconazole	Eprinomectin
Etoxazole	Famoxadone	Febantel	Fenamidone
Fenarimol	Fenbendazole	Fenbuconazole	Fenhexamid
Fenpropimorph	Fenpyroximate	Fenthion	Fenthion-sulfone
Fenthion-sulfoxide	Fipronil	Fipronil-sulfone	Flocoumafen
Flonicamid	Flubendazole	Fludioxonil	Flufenacet
Flunixin	Fluopicolide	Fluoxastrobin	Fluquinconazole
Flusilazole	Flutriafol	Furathiocarb	Imazalil
Imidacloprid	Indoxacarb	Isofenphos	Isoproturon
Ivermectin	Jasmolin 1	Jasmolin 2	Kresoxim-methyl
Levamisol	Linuron	Lufenuron	Malaoxon
Malathion	Mebendazole	Mepanipyrim	Metaldehyde
Metconazole	Methiocarb	Methomyl	Methoxyfenozide
Metolcarb	Metrafenone	Mevinphos	Monocrotophos
Moxidectin	Myclobutanil	Nitenpyram	Nitroxynil
Ofurace	Omethoate	Oxamyl	Oxfendazole
Paracetamol	Penconazole	Pencycuron	Phorate
Picoxystrobin	Pirimicarb	Pirimiphos-methyl	Praziquantel
Prochloraz	Propamocarb	Propiconazole	Propoxur
Prothioconazole desthio	Pymetrozine	Pyraclostrobin	Pyrantel
Pyrethrin 1	Pyrethrin 2	Pyrifenox	Pyrimethanil
Quinoxyfen	Simazine	Spinosad A	Spinosad D
Spirodiclofen	Spiromesifen	Spirotetramat	Spiroxamine
Strychnine	Tebuconazole	Tebufenpyrad	Tetraconazole
Tetramethrin	Thiabendazole	Thiacloprid	Thiamethoxam

Thiodicarb	Trichlorfon	Triclabendazole	Trifloxystrobin
Triticonazole	Warfarin		

Table 4: GC-MS/MS CHEM-095			
Aldrin	Bifenthrin	Carbophenothion	Chlorfenvinphos
Chlorfenapyr	Chlorpyrifos	Chlorpyrifos methyl	Cyfluthrin
Cyhalothrin lambda	Cypermethrin	Deltamethrin	Diazinon
Dieldrin	DDE-pp	Endrin	Ethoprophos
Famphur	Fenitrothion	Fenvalerate	Fluvalinate tau
Fonophos	Gamma HCH	Mevinphos	Pendimethalin
Permethrin	Phenothrin	Phosalone	Phosmet
Propetamphos	Triazophos		

Table 5: LC-MS/MS CHEM-095			
Brodifacoum	Bromadiolone	Chlorophacinone	Coumatetralyl
Difenacoum	Difethialone	Diphacinone	Flocoumafen
Warfarin			