Portée détaillée v.2 de l'attestation N° 1-1376

Detailed scope v.2 of the attestation N° 1-1376
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La portée détaillée concerne les prestations réalisées par :

CENTRE HOSPITALIER ET UNIVERSITAIRE DE LIMOGES

Laboratoire du CHU de LIMOGES - CHU de Limoges - Secteur toxicologie agro-alimentaire

AGROALIMENTAIRE / DIVERS ALIMENTS / Analyses physico-chimiques

Référence portée générale *Flexible scope reference*	Objet *Object*	Caractéristiques mesurées ou recherchées *Properties measured*	Principe de la méthode *Principle of the method*	Référence de la méthode *Reference of the method*
1	Pommes Jus de pommes, Compotes multi-fruits	Détermination de la teneur en patuline	Extraction / purification : Liquide / liquide (par solvant) Analyse : LC-MS/MS	Méthode interne PTP-ATO-0005
2	Produits riches en eau	Pesticides : 2,4,6-TCP, Acetochlor, Aclonifen, Acrinathrin, Aldrin, Amisulbrom, Benfluralin, Bifenox, Bifenthrin, Bromopropylate, Bromoxynil, Bromuconazole, Cadusafos, Captan, Carboxin, Chlordecone, Chlorfenapyr, Chlorobenzilate, Chlorothalonil, Chlorpyrifos ethyl, Chlorpyrifos methyl, Clomazone, Cyflumetofen, Cyfluthrin, Cypermethrin, Deltamethrin, Dichlofluanid, Dicloran, Dicofol, Dieldrin, Diflufenican, Dimethachlor, Dimoxystrobin, Diphenylamine, Endosulfan alpha, Endosulfan beta, Endosulfan sulfate, Endrin, Ethion, Ethofenprox, Ethofumesate, Ethofumesate-2-keto, Ethoprophos, Fenitrothion, Fenpropathrin, Fenvalerate, Flufenacet, Flumioxazin, Fluopicolid, Fluroxypyr-1-methylheptyl, Fluvalinate, Fluxapyroxad, Folpet, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Ipconazole, Iprodione, Iprovalicarb, Isofenphos, Isopyrazam, Isoxadifen-ethyl, Lambda cyhalothrin, Lindane, Metrafenone, Napropamide, Oxadiazon, Oxyfluorfen, Paclobutrazol, Paraoxon-methyl, Parathion methyl, Pendimethalin, Penthiopyrad, Permethrin, Phenyl-2-phenol, Phorate, Phthalimide,	Préparation / Extraction : Liquide / liquide Analyse : GC-MS/MS	Méthode interne PTP-ATO-0065

AGROALIMENTAIRE / DIVERS ALIMENTS / Analyses physico-chimiques				
Référence portée générale ***Flexible scope reference***	**Objet** ***Object***	**Caractéristiques mesurées ou recherchées** ***Properties measured***	**Principe de la méthode** ***Principle of the method***	**Référence de la méthode** ***Reference of the method***
		Picolinafen, Picoxystrobin, Procymidone, Propiconazole, Propyzamide, Proquinazid, Prosulfocarb, Pyridalyl, Quizalofop-ethyl, Silthiofam, Spirodiclofen, Sulfoxaflor, Terbufos, Tetradifon, THPI, Tolylfluanid, Triallate, Vinclozolin, Zoxamide		
2	Produits acides et riches en eau	Pesticides : 2,4,6-TCP, Acetochlor, Aclonifen, Acrinathrin, Aldrin, Amisulbrom, Benfluralin, Bifenox, Bifenthrin, Bromopropylate, Bromoxynil, Bromuconazole, Cadusafos, Captan, Carboxin, Chlordecone, Chlorfenapyr, Chlorobenzilate, Chlorothalonil, Chlorpyrifos ethyl, Chlorpyrifos methyl, Clomazone, Cyflumetofen, Cyfluthrin, Cypermethrin, Deltamethrin, Dichlofluanid, Dicloran, Dicofol, Dieldrin, Diflufenican, Dimethachlor, Dimoxystrobin, Diphenylamine, Endosulfan alpha, Endosulfan beta, Endosulfan sulfate, Endrin, Ethion, Ethofenprox, Ethofumesate, Ethofumesate-2-keto, Ethoprophos, Fenitrothion, Fenpropathrin, Fenvalerate, Flufenacet, Flumioxazin, Fluopicolid, Fluroxypyr-1-methylheptyl, Fluvalinate, Fluxapyroxad, Folpet, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Ipconazole, Iprodione, Iprovalicarb, Isofenphos, Isopyrazam, Isoxadifen-ethyl, Lambda cyhalothrin, Lindane, Metrafenone, Napropamide, Oxadiazon, Oxyfluorfen, Paclobutrazol, Paraoxon-methyl, Parathion methyl, Pendimethalin, Penthiopyrad, Permethrin, Phenyl-2-phenol, Phorate, Phthalimide, Picolinafen, Picoxystrobin, Procymidone, Propiconazole, Propyzamide, Proquinazid, Prosulfocarb, Pyridalyl, Quizalofop-ethyl, Silthiofam, Spirodiclofen, Sulfoxaflor, Terbufos, Tetradifon, THPI, Tolylfluanid, Triallate, Vinclozolin, Zoxamide	Préparation / Extraction : Liquide / liquide Analyse : GC-MS/MS	Méthode interne PTP-ATO-0065
2	Produits acides et riches en eau	Pesticides : 1-ANA, Acéphate, Acetamiprid, Acibenzolar acid, Acibenzolar-S-methyl, Ametoctradin, Ametryn, Amidosulfuron, Azinphos methyl, Azoxystrobin, Bentazone, Bentazone-8-hydroxy, Benthiavalicarb-isopropyl, Benzyladenine, Bifenazate, Bixafen, Boscalid, Bromacil, Bupirimate, Buprofezin, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran-3-hydroxy, Chlorantraniliprole, Chlorfluazuron, Clodinafop, Clofentezine, Clothianidin, Cyantraniliprole, Cyazofamid, Cyflufenamid, Cymoxanil, Cyproconazole, Cyprodinil, DEET, Desmedipham, Diazinon, Dichlorvos, Difenoconazole, Diflubenzuron, Dimethoate, Dimethomorph, Dinotefuran, Diuron, DMF, DMPF, DMST, Dodine, Epoxiconazole, Famoxadone, Fenamiphos, Fenamiphos sulfone, Fenamiphos sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenbutatin oxide, Fenhexamid, Fenoxycarb, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fenthion, Fenthion sulfone, Fenthion sulfoxide, Fipronil, Fipronil sulfone, Flazasulfuron, Flonicamid, Florasulam, Fludioxonil, Flufenoxuron, Fluopyram, Fluoxastrobin, Flupyrsulfuron methyl, Fluquinconazole,	Préparation / Extraction : Liquide / liquide Analyse : LC-MS/MS	Méthode interne PTP-ATO-0046

AGROALIMENTAIRE / DIVERS ALIMENTS / Analyses physico-chimiques				
Référence portée générale ***Flexible scope reference***	**Objet** ***Object***	**Caractéristiques mesurées ou recherchées** ***Properties measured***	**Principe de la méthode** ***Principle of the method***	**Référence de la méthode** ***Reference of the method***
		Flurtamone, Flusilazole, Flutriafol, Forchlorfenuron, Formetanate HCl, Hexaconazole, Hexythiazox, Hydramethylnon, Imazalil, Imazamox, Imidacloprid, Indaziflame, Indoxacarb, Iodosulfuron methyl, Isoproturon, Isoxaben, Kresoxim methyl, Malaoxon, Malathion, Mandipropamid, Mepanipyrim, Mephosfolan, Mesosulfuron methyl, Mesotrione, Metalaxyl, Metamitron, Metconazole, Methamidophos, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methomyl, Methoxyfenozide, Metobromuron, Metsulfuron methyl, Myclobutanil, Nicosulfuron, Norflurazon, Novaluron, Nuarimol, Omethoate, Oryzalin, Oxamyl, Oxydemeton methyl, Oxydemeton methyl sulfone, Penconazole, Penoxsulam, Phenmedipham, Phorate sulfone, Phorate sulfoxide, Phosalone, Phosmet, Phoxim, Pinoxaden, Piperonyl butoxide, Pirimicarb, Prochloraz, Profenofos, Propamocarb, Propaquizafop, Propargite, Prosulfuron, Prothioconazole, Prothioconazole desthio, Pymetrozine, Pyraclostrobin, Pyridaben, Pyridafol, Pyridate, Pyrifenox, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinmerac, Rotenone, Spiromesifen, Spirotetramat, Spirotetramat cis keto hydroxy, Spirotetramat enol, Spirotetramat mono hydroxy, Spiroxamine, Sulcotrione, Sulfosulfuron, Tebuconazole, Tebufenozide, Tebufenpyrad, Tembotrione, Tetraconazole, TFNG, Thiabendazole, Thiacloprid, Thiamethoxam, Thiencarbazone methyl, Thifensulfuron methyl, Thiodicarb, Thiophanate methyl, Triadimefon, Triadimenol, Trichlorfon, Tridemorph, Trifloxystrobin, Triflumizole, Triflumuron, Triticonazole, Tritosulfuron, Valifenalate, Vamidothion		
2	Produits riches en eau	Pesticides : 1-ANA, Acephate, Acetamiprid, Acibenzolar acid, Acibenzolar-S-methyl, Ametoctradin, Ametryn, Amidosulfuron, Azadirachtin, Azinphos methyl, Azoxystrobin, Bentazone, Bentazone-8-OH, Benthiavalicarb isopropyl, Bitertanol, Bixafen, Boscalid, Bromacil, Bupirimate, Buprofezin, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran-3-hydroxy, Chlorantraniliprole, Chlorfluazuron, Clofentezine, Clothianidin, Cyantraniliprole, Cyazofamid, Cyflufenamid, Cyproconazole, Cyprodinil, DEET, Desmedipham, Diazinon, Dichlorvos, Difenoconazole, Diflubenzuron, Dimethoate, Dimethomorph, Dinotefuran, Dithianon, Diuron, DMF, DMPF, DMST, Dodine, Epoxiconazole, Famoxadone, Fenamiphos, Fenamiphos sulfone, Fenamiphos sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenbutatin oxide, Fenhexamid, Fenoxycarb, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fenthion, Fenthion sulfone, Fenthion sulfoxide, Fipronil, Fipronil sulfone, Flazasulfuron, Flonicamid, Florasulam, Fluazinam, Fludioxonil, Flufenoxuron, Fluopyram, Fluoxastrobin, Flupyrsulfuron methyl, Fluquinconazole, Flurtamone,	Préparation / Extraction : Liquide / liquide Analyse : LC-MS/MS	Méthode interne PTP-ATO-0046

AGROALIMENTAIRE / DIVERS ALIMENTS / Analyses physico-chimiques				
Référence portée générale ***Flexible scope reference***	**Objet** ***Object***	**Caractéristiques mesurées ou recherchées** ***Properties measured***	**Principe de la méthode** ***Principle of the method***	**Référence de la méthode** ***Reference of the method***
		Flusilazole, Flutriafol, Foramsulfuron, Forchlorfenuron, Formetanate HCl, Hexaconazole, Hexythiazox, Hydramethylnon, Imazalil, Imazamox, Imidacloprid, Indaziflame, Indoxacarb, Iodosulfuron methyl, Isoproturon, Isoxaben, Kresoxim methyl, Malaoxon, Malathion, Mandipropamid, Mecoprop, Mepanipyrim, Mephosfolan, Mesosulfuron methyl, Mesotrione, Metalaxyl, Metaldehyde, Metamitron, Metconazole, Methamidophos, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methomyl, Methoxyfenozide, Metobromuron, Metsulfuron methyl, Myclobutanil, Nicosulfuron, Norflurazon, Novaluron, Nuarimol, Omethoate, Oryzalin, Oxamyl, Oxydemeton methyl, Oxydemeton methyl sulfone, Penconazole, Penoxsulam, Phenmedipham, Phorate sulfone, Phorate sulfoxide, Phosalone, Phosmet, Phoxim, Pinoxaden, Piperonyl butoxide, Pirimicarb, Prochloraz, Profenofos, Propamocarb, Propaquizafop, Propargite, Prothioconazole desthio, Pymetrozine, Pyraclostrobin, Pyridaben, Pyridafol, Pyridate, Pyrifenox, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinmerac, Rotenone, Spinetoram J, Spinetoram L, Spiromesifen, Spirotetramat, Spirotetramat cis keto hydroxy, Spirotetramat enol, Spirotetramat mono hydroxy, Spiroxamine, Sulcotrione, Sulfosulfuron, Tebuconazole, Tebufenozide, Tebufenpyrad, Teflubenzuron, Tembotrione, Tetraconazole, TFNG, Thiabendazole, Thiacloprid, Thiamethoxam, Thiencarbazone methyl, Thifensulfuron methyl, Thiodicarb, Thiophanate methyl, Triadimefon, Triadimenol, Trichlorfon, Tridemorph, Trifloxystrobin, Triflumizole, Triflumuron, Triforine, , Triticonazole, Tritosulfuron, Valifenalate, Vamidothion		
2	Jus de fruits	Pesticides : 1-ANA, Acéphate, Acetamiprid, Acibenzolar acid, Acibenzolar-S-methyl, Ametoctradin, Ametryn, Amidosulfuron, Azadirachtin, Azinphos methyl, Azoxystrobin, Bentazone, Bentazone-8-hydroxy, Benthiavalicarb-isopropyl, Benzyladenine, Bixafen, Boscalid, Bromacil, Bupirimate, Buprofezin, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran-3-hydroxy, Chlorantraniliprole, Chlorfluazuron, Clodinafop, Clofentezine, Clothianidin, Cyantraniliprole, Cyazofamid, Cyflufenamid, Cymoxanil, Cyproconazole, Cyprodinil, DEET, Desmedipham, Diazinon, Dichlorvos, Difenoconazole, Diflubenzuron, Dimethoate, Dimethomorph, Dinotefuran, Dithianon, Diuron, DMF, DMPF, DMST, Dodine, Epoxiconazole, Famoxadone, Fenamiphos, Fenamiphos sulfone, Fenamiphos sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenbutatin oxide, Fenhexamid, Fenoxycarb, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fenthion, Fenthion sulfone, Fenthion sulfoxide, Fipronil, Fipronil sulfone, Flazasulfuron, Flonicamid, Florasulam, Fluazinam, Fludioxonil, Flufenoxuron, Fluopyram, Fluoxastrobin, Flupyrsulfuron methyl,	Préparation / Extraction : Liquide / liquide Analyse : LC-MS/MS	Méthode interne PTP-ATO-0046

AGROALIMENTAIRE / DIVERS ALIMENTS / Analyses physico-chimiques				
Référence portée générale ***Flexible scope reference***	**Objet** ***Object***	**Caractéristiques mesurées ou recherchées** ***Properties measured***	**Principe de la méthode** ***Principle of the method***	**Référence de la méthode** ***Reference of the method***
		Fluquinconazole, Flurtamone, Flusilazole, Flutriafol, Foramsulfuron, Forchlorfenuron, Formetanate HCl, Hexythiazox, Hydramethylnon, Imazalil, Imazamox, Imidacloprid, Indaziflame, Indoxacarb, Iodosulfuron methyl, Isoproturon, Isoxaben, Kresoxim methyl, Malaoxon, Malathion, Mandipropamid, Mepanipyrim, Mephosfolan, Mesosulfuron methyl, Mesotrione, Metalaxyl, Metamitron, Metconazole, Methamidophos, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methomyl, Methoxyfenozide, Metobromuron, Metsulfuron methyl, Myclobutanil, Nicosulfuron, Norflurazon, Novaluron, Nuarimol, Omethoate, Oryzalin, Oxamyl, Oxydemeton methyl, Oxydemeton methyl sulfone, Penconazole, Penoxsulam, Phenmedipham, Phorate sulfone, Phorate sulfoxide, Phosalone, Phosmet, Phoxim, Pinoxaden, Piperonyl butoxide, Pirimicarb, Prochloraz, Profenofos, Propamocarb, Propaquizafop, Propargite, Prothioconazole, Prothioconazole desthio, Pymetrozine, Pyraclostrobin, Pyridaben, Pyridafol, Pyridate, Pyrifenox, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinmerac, Rotenone, Spiromesifen, Spirotetramat, Spirotetramat cis keto hydroxy, Spirotetramat enol, Spirotetramat enol glucoside, Spirotetramat mono hydroxy, Spiroxamine, Sulcotrione, Sulfosulfuron, Tebuconazole, Tebufenozide, Tebufenpyrad, Tembotrione, Tetraconazole, TFNA, TFNG, Thiabendazole, Thiacloprid, Thiamethoxam, Thiencarbazone methyl, Thifensulfuron methyl, Thiodicarb, Thiophanate methyl, Triadimefon, Triadimenol, Trichlorfon, Tridemorph, Trifloxystrobin, Triflumizole, Triflumuron, Triforine, Triticonazole, Tritosulfuron, Valifenalate, Vamidothion		
2	Jus de fruits	Pesticides : 2,4,6-TCP, Acetochlor, Aclonifen, Acrinathrin, Aldrin, Amisulbrom, Benfluralin, Bifenox, Bifenthrin, Bromopropylate, Bromoxynil, Bromuconazole, Cadusafos, Captan, Carboxin, Chlordecone, Chlorfenapyr, Chlorobenzilate, Chlorothalonil, Chlorpyrifos ethyl, Chlorpyrifos methyl, Clomazone, Cyflumetofen, Cyfluthrin, Cypermethrin, Deltamethrin, Dichlofluanid, Dicloran, Dicofol, Dieldrin, Diflufenican, Dimethachlor, Dimoxystrobin, Diphenylamine, Endosulfan alpha, Endosulfan beta, Endosulfan sulfate, Endrin, Ethion, Ethofenprox, Ethofumesate, Ethofumesate-2-keto, Ethoprophos, Fenitrothion, Fenpropathrin, Fenvalerate, Flufenacet, Flumioxazin, Fluopicolid, Fluroxypyr-1-methylheptyl, Fluvalinate, Fluxapyroxad, Folpet, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Ipconazole, Iprodione, Iprovalicarb, Isofenphos, Isopyrazam, Isoxadifen-ethyl, Lambda cyhalothrin, Lindane, Metrafenone, Napropamide, Oxadiazon, Oxyfluorfen, Paclobutrazol, Paraoxon-methyl, Parathion methyl, Pendimethalin, Penthiopyrad, Permethrin, Phenyl-2-phenol, Phorate, Phthalimide,	Préparation / Extraction : Liquide / liquide Analyse : GC-MS/MS	Méthode interne PTP-ATO-0065

AGROALIMENTAIRE / DIVERS ALIMENTS / Analyses physico-chimiques				
Référence portée générale ***Flexible scope reference***	**Objet** ***Object***	**Caractéristiques mesurées ou recherchées** ***Properties measured***	**Principe de la méthode** ***Principle of the method***	**Référence de la méthode** ***Reference of the method***
		Picolinafen, Picoxystrobin, Procymidone, Propiconazole, Propyzamide, Proquinazid, Prosulfocarb, Pyridalyl, Quizalofop-ethyl, Silthiofam, Spirodiclofen, Sulfoxaflor, Terbufos, Tetradifon, THPI, Tolylfluanid, Triallate, Vinclozolin, Zoxamide		
2	Produits riches en eau Produits acides et riches en eau Jus de fruits	Dithiocarbamates	Préparation / Extraction : Hydrolyse acide Espace de tête (Headspace) Analyse : Dosage du CS2 résiduel par GC-MS	Méthode interne PTP-ATO-0015