

FACILITY: ATHENS

LABORATORY: RESIDUES

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
<p>1. Food:</p> <ul style="list-style-type: none"> <li>• fried potatoes, other sliced frying products and potato slices from fresh potatoes</li> <li>• chips, snacks, crackers and other potato products from potato paste</li> <li>• Bread</li> <li>• Breakfast cereals (excluding oatmeal)</li> <li>• Fine bakery products: biscuits, cookies, toasted bread, cereal bars, cones, wafers, pancakes and ginger bread, as well as crackers, toasted bread and bread substitutes.</li> <li>• baby foods and processed cereal-based foods for infants and young children as defined in Regulation (EU) 609/2013.</li> <li>• Nuts</li> <li>• Coffee</li> </ul>	<p>1. Determination of acrylamide</p>	19.04.2018	03.01.2019	<p>In – house method O.B.05.031 LC-MS-MS based on:</p> <p>J. Agric. Food Chem. 2006, 54, 7001-7008.</p>
<p>2. Fruits and Vegetables with high water content</p> <p>(stone fruits, pome fruits, fruiting vegetables, citrus fruits, root-tuber vegetables, stem vegetables, small fruits, pulses vegetables, brassica vegetables, bulb vegetables, leaf vegetables and fresh herbs, miscellaneous (including tropic fruits, as referred to Regulations (EC)396/2005 and (EC)187/2006)</p>	<p>1. Determination of <b>250</b> pesticide residues</p> <p>2.4.6-Trichlorophenol, 2.6-Dichlorobenzonitrile (Dichlobenil), 4.4'-Dichlorobenzophenone, 4-Chloroaniline, Acibenzolar-S-methyl, Aclonifen, Acrinathrin, Alachlor, Aldrin, Ametryn, Anthraquinone, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Benfluralin, Benthiavalicarb-isopropyl, BHC-alpha (benzene hexachloride), BHC-beta, BHC-delta, BHC-gamma (Lindane. gamma HCH), Bifenthrin, Biphenyl, Bitertanol [Sum of Isomers], Boscalid, Bromacil, Bromophos, Bromophos-ethyl, Bromopropylate, Bromuconazole [Sum of Isomers], Bupirimate, Buprofezin, Butafenacil, Cadusafos, Carbophenothion, Carbophenothion-Methyl, Chlorbenside, Chlordane-cis, Chlordane-oxy, Chlordane-trans, Chlorfenapyr, Chlorfenprop-methyl, Chlorfenson [Sum of Isomers], Chlorfenvinphos, Chlormephos, Chlorobenzilate, Chloroneb, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthion, Chlozolate, cis-1.2.3.6-Tetrahydrophthalimide (THPI), Clomazone, Cyanofenphos, Cyanophos, Cyflufenamid, Cyfluthrin (Sum of Isomers or/andb-cyfluthrin), Cyhalofop-butyl, Cyhalothrin (Lambda), Cypermethrin (Sum of Isomers or/anda-cypermethrin), Cyproconazole, Cyprodinil, DCPA (Dacthal. Chlorthal-dimethyl), DDD-o.p', DDD-p.p', DDE-o.p',</p>	24.4.2019	20.05.2019	<p>O.05.106 Modified method</p> <p>GC-MS/MS based on:</p> <p>1. Lehotay <i>et al.</i>: AOAC Vol.88, No.2, 2005 (Modified), 615-629</p> <p>2. SANTE/ Lat. Ed. of the European Commission</p>

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Fruits and Vegetables with high water content (continued)	DDE-p.p', DDT-o.p', DDT-p.p', DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methyl, Demeton-S-methyl-sulfone, Desmetryn, Diazinon, Dichlofenthion, Dichlofluanid, Dichloran, Dichlorvos, Diclofop-methyl, Dieldrin, Difenoconazole [Sum of Isomers], Diflufenican, Dimethoate, Dimethomorph [Sum of Isomers], Diphenylamine, Dipropetryn, Disulfoton, Edifenphos, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, EPN, Epoxiconazole, EPTC, Etaconazole [Sum of Isomers], Ethalfluralin, Ethion, Ethoprophos, Ethoxyquin, Etofenprox, Etoxazole, Etridiazole, Fenamiphos, Fenarimol, Fenazaquin, Fenbuconazole, Fenchlorphos oxon, Fenfluthrin, Fenitrothion, Fenpropathrin, Fenpropimorph, Fenson, Fensulfothion, Fenthion, Fenthion sulfone, Fenvalerate, Fipronil, Fipronil sulfide, Fipronil sulfone, Fluchloralin, Flucythrinate [Sum of Isomers], Flumetralin, Fluotrimazole, Flusilazole, Fluvalinate (tau-), Fonofos, Fosthiazate, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptenophos, Hexachlorobenzene, Imazalil, Indoxacarb, Iodofenphos, Iprobenfos, Iprodione, Isazofos, Isodrin, Isofenphos, Isofenphos-methyl, Kresoxim-methyl, Lenacil, Leptophos, Malaaxon, Malathion, Mecarbam, Mefenpyr-diethyl, Mepanipyrim, Metalaxyl, Metazachlor, Metconazole, Methacrifos, Methidathion, Methiocarb, Methoxychlor, Metolachlor, Metrafenone, Metribuzin, Mevinphos, Mirex, Myclobutanil, Napropamide, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Nuarimol, Octachlorodipropyl ether (S 421), Ofurace, o-Phenylphenol, Oxadiazon, Oxyfluorfen, Paclobutrazol, Paraoxon, Parathion, Parathion-methyl, Pebulate, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachloronitrobenzene (Quintozene), Permethrin [Sum of Isomers], Phorate, Phosalone, Phosmet, Piperonyl butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profluralin, Prometryn, Propachlor, Propargite, Propazine, Propetamphos, Propiconazole [Sum of Isomers], Prothioconazole-Desthio, Prothiofos, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoxifen, Quizalofop-ethyl, Resmethrin, Ronnel (Fenchlorphos), Simazine, Spirodiclofen, Spiromesifen, Spiroxamine [Sum of Isomers], Sulfotep, Sulprofos, Tebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbacil, Terbufos, Terbutylazine, Tetrachlorvinphos, Tetraconazole, Tetradifon, Tetramethrin [Sum of Isomers], Tetrasul, Tolclofos-methyl, Tolyfluanid, Tralkoxydim, Transfluthrin, Triadimefon, Triadimenol [Sum			

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	of Isomers], Triazophos, Trichloronat, Trifluralin, Triticonazole, Uniconazole, Vinclozolin			
Fruits and Vegetables with high water content (continued)	<p><b>2. Determination of 557 pesticide residues</b></p> <p>2.4-Dimethylphenyl-N-methylformamidine (metabolite Amitraz), 5-Hydroxy thiabendazole, Acetamiprid, Acetochlor, Acibenzolar-S-Methyl, Alachlor, Albendazole, Aldicarb-sulfoxide, Allethrin II, Allidochlor, Ametocradin, Ametryn, Amicarbazone, Aminocarb (Metacil), Amitraz metabolite BTS 27271, Ancymidol, Anilofos, Asana (Esfenvalerate), Aspon, Asulam, Atraton, Atrazine, Atrazine-2-Hydroxy, Atrazine-desethyl, Atrazine-desisopropyl, Abamectin, Azaconazole [Sum of Isomers], Azamethiphos, Azimsulfuron, Azinphos-ethyl, Azinphos-methyl (Guthion), Aziprotryne, Azoxystrobin, Benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C10, C12, C14, C16 and C18) &amp; Didecyltrimethylammonium chloride (DDAC, alkyl-quaternary ammonium salts with alkyl chain lengths of C10), Beflubutamid, Benalaxyl, Benazolin-ethyl ester, Bendiocarb, Benodanil, Benomyl (expressed Carbendazim), Benoxacor, Bensulfuron-methyl, Bensulide, Benthiavalicarb-isopropyl, Benzoximate, Benzoylprop-ethyl, Benzthiazuron, Bifenazate, Bioallethrin, Bixafen, Boscalid, Bromacil, Bromadiolone, Bromfeninfos, Bromuconazole, BTS 44595 (metabolite prochloraz), BTS 44596 (metabolite prochloraz), Bupirimate, Buprofezin, Butachlor, Butamifos, Butocarboxim-sulfoxid, Butralin, Buturon, Cadusafos, Cambendazole, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran-3-keto, Carbofuran-3-hydroxy, Carbophenothion, Carboxin, Carfentrazone-ethyl, Carpropamid, Chlorantraniliprole, Chlorbromuron, Chlorbufam, Chlordimeform, Chlorfeninfos [Sum of Isomers], Chloridazone, Chlorotoluron, Chloroxuron (Chloroxifenidim), Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorsulfuron, Chlorthiophos, Chromafenozide, Cinidon-ethyl, Clethodim [Sum of Isomers], Climbazole, Clodinafop-propargyl, Clofentezine, Cloquintocet-1-methyl-hexyl ester, Cloransulam-methyl, Clothiandin, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanazine, Cyanofenfos, Cyazofamid, Cycloate, Cycloheximide [Sum of Isomers], Cycloxydim, Cycluron, Cyflufenamid, Cyflumetofen, Cyhalofop butyl, Cyhalothrin (lambda-), Cymiazole, Cymoxanil, Cypermethrin [Mix of Isomers], Cyprazin, Cyproconazole [Sum of Isomers],</p>	24.4.2019	20.05.2019	<p>O.05.106 modified method</p> <p>LC-QTOF based on:</p> <p>1. Lehotay <i>et al.</i>: AOAC Vol.88, No.2, 2005 (Modified), 615-629</p> <p>2. SANTE/ Lat. Ed. of the European Commission</p>

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Fruits and Vegetables with high water content (continued)	Cyprodinil, Cythioate, DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methyl, Demeton-S-methyl sulfone, Demeton-S-methyl sulfoxid (Oxydemeton-methyl), Desmedipham, Desmetryn, Dialifos, Diazinon, Dichlofluanid, Dichlormid, Dichlorobenzamide, Dichlorvos, Diclobutrazol, Diclofop-methyl, Dicrotophos, Diethofencarb, Difenacoum, Difenoconazole [Sum of Isomers], Difenoxuron, Diflubenzuron, Diflufenican, Dimefox, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph [Sum of Isomers], Dimethylvinphos, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dioxathion, Diphacinone, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxid, Ditalimfos, Dithiopyr, Diuron, Dodemorph [Sum of Isomers], Dodine, Drazoxolon, Emamectin, EPN, Epoxiconazole, Etaconazole [Sum of Isomers], Ethiofencarb, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Ethoprop, Etobenzamid, Etofenprox, Etoxazole, Etrimfos, Famoxadone, Famphur, Fenamidone, Fenamiphos, Fenamiphos-sulfone, Fenamiphos sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenbutatin Oxide, Fenclorazol ethyl, Fenfuram, Fenhexamid, Fenobucarb, Fenoxanil [Sum of Isomers], Fenoxaprop-ethyl, Fenoxycarb, Fenpiclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fensulfothion, Fenthion, Fenthion-oxon, Fenthion-oxonsulfone, Fenthion-oxonsulfoxide, Fenthion-sulfon, Fenthion-sulfoxide, Fenuron, Fenvalerate, Fipronil, Fipronil-sulfide, Fipronil-sulfone, Flamprop-isopropyl, Flonicamid, Florasulam, Fluazifop-P-butyl, Fluazuron, Flubendiamide, Flucythrinate, Fludioxonil, Flufenacet, Flufenoxuron, Flumetsulam, Flumioxazin, Fluometuron, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluoxastrobin, Flupyradifurone, Fluquinconazole, Fluridone, Flurochloridone, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fluvalinate (tau-), Fluxapyroxad, Fonofos, Foramsulfuron, Forchlorfenuron, Formetanate, Formothion, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Furmecyclox, Halfenprox, Halosulfuron-methyl, Haloxyfop, Haloxyfop-ethoxyethyl, Haloxyfop-methyl, Heptenophos, Hexaconazole, Hexaflumuron, Hexythiazox, Icaridin, Imazalil, Imazamethabenz-methyl, Imibenconazole, Imidacloprid, Imiprothrin, Inabenfide, Indoxacarb, Ipconazole, Iprobenfos, Iprodione, Iprovalicarb [Sum of Isomers], Isazophos, Isocarbamid (Azolamide), Isocarbophos, Isofenphos,			

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Fruits and Vegetables with high water content (continued)	Isofenphos-methyl, Isoproc carb, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Kresoxim-methyl, Lactofen, Lenacil, Linuron, Lufenuron, Malaaxon, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mefluidide, Mepanipyrim, Mephosfolan, Mepronil, Mesosulfuron-methyl, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos [Sum of Isomers], Methfuroxam, Methidathion, Methiocarb (Mercaptodimethur), Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methomyl oxime, Methoprotryne, Methothrin, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metosulam, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-methyl, Mevinphos, Mexacarbate, Monalide [Sum of Isomers], Monocrotophos, Monolinuron, Monuron, Myclobutanil, N,N-dimethylaminosulfanilid (DMSA), N,N-Dimethyl-N'-p-tolylsulphamide (DMST), N-2-4-Dimethylphenylformamide (DMF), Naled, Naphthalene acetamide, Napropamide, Neburon, Nicosulfuron, Nitenpyram, Norflurazon, Novaluron, N-Phenylurea, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl, Oxadiazon, Oxadixyl, Oxamyl, Oxamyl-oxime, Oxfendazole, Oxycarboxin, Oxydemeton-Methyl-Sulfone, Oxyfluorfen, Paclobutrazole, Paraoxon, Paraoxon-methyl, Penconazole, Pencycuron, Pendimethalin, Penflufen, Penfluron, Penoxsulam, Pentanochlor, Penthioopyrad, Pethoxamid, Phenmedipham, Phenothrin [Sum of Isomers], Phenthoate, Phorate, Phorate-oxon, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon, Phosphamidon (Dimecron) [Sum of Isomers], Phoxim, Picolinafen, Picoxystrobin, Pinoxaden, Piperonyl butoxide, Piperophos, Pirimicarb, Pirimicarb-Desmethyl, Pirimicarb-Desmethyl-formamido, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Procymidone, Profenophos, Profoxydim [Sum of Isomers], Promecarb, Prometon, Prometryn (Caparol), Propachlor, Propamocarb, Propanil, Propaquizafop, Propargite, Propazine, Propetamphos, Propham, Propiconazole [Sum of Isomers], Propoxur, Propyzamide (Pronamide), Proquinazid, Prosulfocarb, Prothioconazole-desthio, Pymetrozine, Pyracarbolid, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyrethrins [I & II], Pyributicarb, Pyridaben, Pyridalyl, Pyridaphenthion, Pyridate, Pyridate-degratation, Pyrifenox [Sum of Isomers], Pyriftalid, Pyrimethanil, Pyrimidifen, Pyriproxyfen, Pyroquilon, Pyroxsulam, Quinalphos, Rabenzazole, Resmethrin [Sum			

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Fruits and Vegetables with high water content (continued)	<p>of Isomers], Rimsulfuron, Rotenone, Saflufenacil, Sebuthylazine, Secbumeton, Sethoxydim [Sum of Isomers], Siduron [Sum of Isomers], Silafluofen, Silthiofam, Simazine, Simeconazole, Spinetoram J, Spinosad A (Spinosyn A), Spinosad D, Spirodiclofen, Spiromesifen, Spirotetramate, Spirotetramate-enol, Spirotetramate-enol-glucoside, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Spiroxamine [Sum of Isomers], Sulfentrazone, Sulfotepp, Sulfoxaflor, Sulprofos (Bolstar), TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Temephos, TEPP, Tepraloxymid [Sum of Isomers], Terbacil, Terbufos-sulfone, Terbufos-sulfoxide, Terbumeton, Terbuthylazine, Terbutryn, Tetrachlorvinphos (Stirofos), Tetraconazole, Tetramethrin [sum I &amp;II], Thenylchlor, Thiabendazole, Thiachloprid, Thiamethoxam, Thiazafurion, Thiazopyr, Thifensulfuron-methyl, Thiobencarb, Thiodicarb, Thiofanox-sulfone, Thiofanox-sulfoxide, Thiometon-sulfone, Thiometon- sulfoxide, Thionazin (Zinophos), Thiophanate-methyl, Thiophanat-ethyl, Tokuthion (Prothiophos), Tolclofos-methyl, Tolfenpyrad, Tolyfluanid, Tralkoxydim [Sum of Isomers], Triadimefon, Triadimenol [sum], Triallate, Triasulfuron, Tribenuron-methyl, Tribufos (Merphos oxide, DEF), Trichlorfon (Dylox), Tricyclazole, Tridemorph, Trietazine, Trifloxystrobin, Trifloxysulfuron, Triflumizol, Triflumizol-Metabolite FM-6-1, Triflumuron, Triflusaluron-methyl, Triforine [Sum of Isomers], Trimethacarb-2.3.5, Trinexapac-ethyl, Triticonazole, Tritosulfuron, Uniconazole, Vamidothion, Vamidothion-sulfone, Vamidothion-sulfoxide, Vernolate, Warfarin, XMC II, XMC III, Zoxamide</p> <p><b>Negative ionization</b> 2.4-D, 2.4.5-T, Bentazone, Bromoxynil, Fluazinam, Ioxynil, TFNA (metabolite flonicamid), TFNG (metabolite flonicamid), Triclopyr</p>			
Fruits and Vegetables with high water content (continued)	<b>3. Determination of Dithiocarbamate pesticide residues (CS2)</b>	24.4.2019	20.06.2019	O.05.029 Modified method GC-PFPD-S, based on:  1. Andre de Kok <i>et al.</i> , 6 <sup>TH</sup> European Pesticide Residue Workshop, (2006)  2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	<b>4. Determination of pesticide residues (Single residue method)</b>  <b>Fenbutatin oxide</b>	24.4.2019	24.4.2019	O.05.039 Modified method LC-MS/MS, based on:  1. EURL-SRM, Analysis of Organotin-Pesticides by the QuEChERS Method-Impact of acidifying on the recoveries

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				2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	<b>5.</b> Determination of pesticide residues (Single residue method) <b>Dithianon</b>	24.4.2019	24.4.2019	O.05.038 Modified method LC-MS/MS, based on: 1. EURL-SRM, Analysis of Dithianon in Fruits and Vegetables using acidified QuEChERS and LC-MS/MS 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	<b>6.</b> Determination of pesticide residues <b>Phenoxyalkyl carboxylic acid</b> (Single residue method) – 2,4-D – Bentazone – Ioxynil – MCPA	24.4.2019	24.4.2019	O.05.040 Modified method LC-MS/MS, based on: 1.EURL-SRM, Analysis of Acid Pesticides using QuEChERS and acidified QuEChERS method 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	<b>7.</b> Determination of <b>13</b> pesticide residues (Single Residue Method) Bromide, Chlorate, Chlormequat, Ethephon, Ethylene Thiouria (ETU), Fosetyl-Al, Maleic Hydrazine, Matrine, Mepiquat, oxy-Matrine, Perchlorate, Phosphonic acid, Propylene Thiouria (PTU)	24.4.2019	11.6.2020	O.05.107 Modified method LC-MS/MS based on: 1. EURL-SRM, Quick Method for the Analysis of numerous Highly Polar Pesticides in Foods of Plant Origin via LC-MS/MS involving Simultaneous Extraction with Methanol (QuPPE-Method) 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	<b>8.</b> Determination <b>26</b> acid pesticides residue including conjugates, salts and/or esters, after alkaline Hydrolysis: 2,4,5-T, 2,4,5-TP (Fenoprop), 2,4-D, 2,4-DB, 2,4-DP (Dichlorprop), 4-CPA, Acibenzolar, Benazolin, Carfentrazone, Clodinafop, Clopyralid, Cyhalofop acid, Dalapon, Dicamba, Diclofop, Florpyrauxifen, Fluazifop, Fluroxypyr, Haloxyfop, MCPA, MCPB, MCPP, Pyraflufen, Quizalofop, Triclopyr, Trinexapac.	23/12/2020	23/12/2020	O.05.47 Modified method LC-MS/MS based on: 1. EURL SRM Analytical Observations Report, Analysis of Acidic Pesticides Entailing Conjugates and/or Esters in their Residue Definitions 2. SANTE/ Lat. Ed. of the European Commission
3. High fat content products of plant origin (Olive oil, rapeseed oil, sunflower oil, pumpkin seed oil, olives, avocados, Nuts, Oilseed rape, sunflower, cottonseed, soybeans, peanuts, sesame, Peanut butter, tahina, hazelnut paste etc.) a. Vegetable oils and fats	<b>1.</b> Determination of <b>242</b> pesticide residues 2.4.6-Trichlorophenol, 2.6-Dichlorobenzonitrile (Dichlobenil), 4.4'-Dichlorobenzophenone, 4-Chloroaniline, Acibenzolar-S-methyl, Aclonifen, Acrinathrin, Alachlor, Aldrin, Ametryn, Anthraquinone, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Bendiocarb, Benfluralin, Benthiavalicarb-isopropyl, BHC-alpha (benzene hexachloride), BHC-beta, BHC-delta, BHC-gamma (Lindane. gamma HCH), Bifenthrin, Biphenyl, Bitertanol [Sum of Isomers], Boscalid, Bromacil, Bromobutide, Bromocyclen, Bromophos, Bromophos-ethyl,	20.5.2019	30.7.2019	O.05.048 Modified method GC-MS/MS based on: 1. EN 15662:2018 2. SANTE/ Lat. Ed. of the European Commission

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Vegetable oils and fats (continued)	Bromopropylate, Bromuconazole [Sum of Isomers], Bupirimate, Buprofezin, Cadusafos, Carbophenothion, Carbophenothion-Methyl, Chlorbenside, Chlordane-cis, Chlordane-oxy, Chlordane-trans, Chlorfenapyr, Chlorfenprop-methyl, Chlorfenson [Sum of Isomers], Chlorfenvinphos, Chlormephos, Chlorobenzilate, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthion, Chlozolate, cis-1.2.3.6-Tetrahydrophthalimide (THPI), Clomazone, Cyanofenphos, Cyanophos, Cyflufenamid, Cyfluthrin, Cyfluthrin (Sum of Isomers or/andb-cyfluthrin), Cyhalothrin (Lambda), Cypermehrin (Sum of Isomers or/andacypermethrin), Cyproconazole, Cyprodinil, DCPA (Dacthal. Chlorthal-dimethyl), DDD-o.p', DDD-p.p', DDE-o.p', DDE-p.p', DDT-o.p', DDT-p.p', DEET, Deltamethrin, Demeton-O, Desmedipham, Desmetyrn, Diazinon, Dichlofenthion, Dichlofluanid, Dichloran, Dichlorvos, Dicofol, Dieldrin, Difenconazole [Sum of Isomers], Diflufenican, Dimethoate, Dimethomorph [Sum of Isomers], Diphenylamine, Dipropetryn, Disulfoton, Edifenphos, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, Epoxiconazole, EPTC, Esfenvalerate, Etaconazole [Sum of Isomers], Ethalfuralin, Ethion, Ethofenprox, Ethoprophos, Ethoxyquin, Etoxazole, Etridiazole, Fenamiphos, Fenamiphos sulfone, Fenarimol, Fenazaquin, Fenbuconazole, Fenchlorphos oxon, Fenfluthrin, Fenitrothion, Fenpropathrin, Fenson, Fensulfothion, Fenthion, Fenthion sulfone, Fenthion sulfoxide, Fenvalerate, Fipronil, Fipronil sulfone, Flucythrinate [Sum of Isomers], Fludioxonil, Fluotrimazole, Flusilazole, Fluvalinate-tau [Sum of Isomers], Fonofos, Fosthiazate [Sum of Isomers], Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptenophos, Hexaconazole, Indoxacarb, Iodofenphos, Iprobenfos, Iprodione, Isazofos, Isodrin, Isufenphos, Isufenphos-methyl, Kresoxim-methyl, Lenacil, Leptophos, Malaixon, Malathion, Mefenpyr-diethyl, Mepanipyrim, Metalaxyl, Metazachlor, Metconazole, Methacrifos, Methidathion, Methiocarb, Methoxychlor, Metolachlor, Metrafenone, Metribuzin, Mevinphos, Myclobutanil, Napropamide, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Nuarimol, Octachlorodipropyl ether (S 421), Ofurace, o-Phenylphenol, Oxadiazon, Oxyfluorfen, Paclobutrazol, Parathion, Parathion-methyl, Pebulate, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachloronitrobenzene (Quintozene), Permethrin [Sum of Isomers], Phorate, Phorate Sulfoxide, Phosalone, Phosmet, Phthalimide, Piperonyl butoxide, Pirimicarb,			



## LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Vegetable oils and fats (continued)	Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profluralin, Prometryn, Propachlor, Propanil, Propargite, Propazine, Propetamphos, Propham, Propiconazole, Prothioconazole-Desthio, Prothiofos, Pymetrozine, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoclamine, Quinoxifen, Ronnel (Fenclorphos), Simazine, Spiromesifen, Spiroxamine [Sum of Isomers], Sulfotep, Sulprofos, Tebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbacil, Terbufos, Terbuthylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetradifon, Tetramethrin [Sum of Isomers], Tolclofos-methyl, Transfluthrin, Triadimefon, Triadimenol [Sum of Isomers], Triazophos, Trichloronat, Trifluralin, Triticonazole, Uniconazole, Uniconazole, Vinclozolin, Zoxamide			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Vegetable oils and fats (continued)	<p><b>2.</b> Determination of <b>60</b> pesticide residues</p> <p>Acetamiprid, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, BAC-C10, BAC-C12, BAC-C14, BAC-C16, BAC-C18, Bifenthrin (sum of isomers), Chlorfenvinphos, Chlorpyrifos, Chlorpyrifos-methyl, Deltamethrin, Dichlorvos, Didecyldimethylammonium chloride (mixture of alkyl-quaternary ammonium salts with alkyl chain lengths of C8, C10 and C12), Difenoconazole, Diflufenican, Dimethoate, Ethion, Ethoprophos, Etofenprox, Fenamiphos, Fenbuconazole (sum of constituent enantiomers), Fenoxycarb, Fenthion, Fenthion sulfone, Fenthion sulfoxide, Flumioxazine, Kresoxim-methyl, Malathion, Malaixon, Metalaxyl, Methamidophos, Methidathion, Omethoate, Paraoxon, Phenthoate, Phosmet, Phosmet oxon, Piperonyl butoxide, Pirimiphos-methyl, Profenofos, Propargite, Pyraclostrobin, Pyrazophos, Pyriproxyfen, Spinosad (spinosad, sum of spinosyn A and spinosyn D), Spirotetramat, Spirotetramat-enol, Spirotetramat cis-keto-hydroxy, Spirotetramat mono-hydroxy, Tebuconazole, Thiacloprid, Thiamethoxam, Triadimenol (any ratio of constituent isomers), Trifloxystrobin</p>	20.5.2019	28.8.2024	<p>O.05.048 Modified method LC-MSMS based on:</p> <p>1. EN 15662:2018</p> <p>2. SANTE/ Lat. Ed. of the European Commission</p>
Vegetable oils and fats (continued)	<p><b>3.</b> Determination of <b>471</b> pesticide residues</p> <p>Acephate, Acetamiprid, Acetochlor, Acibenzolar-S-Methyl, Aclonifen, Alachlor, Alanycarb, Aldicarb, Allethrin [Sum of Isomers], Allidochlor, Ametoctradin, Ametryn, Amicarbazone, Aminocarb (Metacil), Amisulbrom, Ancymidol, Anilofos, Aspon, Atraton, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azaconazole [Sum of Isomers], Azamethiphos, Azinphos-ethyl, Azinphos-methyl (Guthion), Aziprotryne, Azoxystrobin, Barban [Sum of Isomers], Beflubutamid, Benalaxyl, Benazolin-ethyl ester, Bendiocarb, Benodanil, Benoxacor, Bensulide, Benthiavalicarb-isopropyl, Benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C10, C12, C14, C16 and C18), Benzoximate, Benzoylprop-ethyl, Bifenox, Bifenthrin, Bitertanol, Bixafen, Boscalid, Bromacil, Bromfenvinfos, BTS 44595 (metabolite prochloraz), BTS 44596 (metabolite prochloraz), Bupirimate, Buprofezin, Butachlor, Butamifos, Butralin, Buturon, Cadusafos, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-keto-, Carbofuran-3-hydroxy, Carbofenothion, Carfentrazone-ethyl, Carpropamid, Chlorantraniliprole,</p>	20.5.2019	30.7.2019	<p>O.05.048 Modified method LC-qTOF based on:</p> <p>1. EN 15662:2018</p> <p>2. SANTE/ Lat. Ed. of the European Commission</p>

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Vegetable oils and fats (continued)	Chlorbromuron, Chlorbufam, Chlordimeform, Chlorfenvinphos [Sum of Isomers], Chlorfluazuron, Chloridazone, Chlorophacinone, Chlorotoluron, Chloroxuron (Chloroxifenidim), Chlorpropham, Chlorpyriphos, Chlorpyriphos-methyl, Chlorthiophos, Chromafenozide, Climbazole, Clodinafop-propargyl, Cloquintocet-1-methyl-hexyl ester, Clothiandin, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanofenphos, Cyanophos, Cyantraniliprole, Cyazofamid, Cycloate, Cycluron, Cyflufenamid, Cyhalofop butyl, Cyhalothrin (lambda-), Cymiazole, Cymoxanil, Cypermethrin II, Cyprazin, Cyproconazole [Sum of Isomers], Cyprodinil, Cythioate, DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methylsulfone, Desmedipham, Desmetryn, Dialifos, Diazinon, Dichlofenthion, Dichlormid, Dichlorobenzamide, Dichlorvos, Diclobutrazol [Sum of Isomers], Diclofop-methyl, Dicrotophos, Didecyldimethylammonium chloride (DDAC. alkyl-quaternary ammonium salts with alkyl chain lengths of C8. C10 and C12), Diethofencarb, Difenconazole [Sum of Isomers], Difenoxuron, Diflubenzuron, Diflufenican, Dimefox, Dimefuron, Dimethachlor, Dimethenamid, Dimethoate, Dimethomorph [Sum of Isomers], Dimethylvinphos, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dioxathion, Diphacinone, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxid, Dithiopyr, Diuron, EPN, Epoxiconazole, Etaconazole [Sum of Isomers], Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethoprophos. Ethoprop, Etobenzanid, Etofenprox, Etoxazole, Etrimfos, Famoxadone, Famphur, Fenamidone, Fenamiphos, Fenamiphos - sulfone, Fenarimol, Fenazaquin, Fenbuconazole, Fenclorazol ethyl, Fenfuram, Fenitrothion, Fenobucarb, Fenoxanil [Sum of Isomers], Fenoxaprop-ethyl, Fenoxycarb, Fenciclonil, Fenpropathrin, Fenpyrazamine, Fenpyroximate, Fenson, Fensulfothion, Fenthion, Fenthion-oxonsulfone, Fenthion-sulfon, Fenthion-sulfoxide, Fenuron, Fenvalerate, Fipronil, Fipronil-sulfide, Fipronilsulfone, Flamprop-isopropyl, Flonicamid, Fluazifop-P-butyl, Fluazuron, Flubendiamide, Flucythrinate, Fludioxonil, Flufenacet, Flufenoxuron, Flumioxazin, Fluometuron, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluoxastrobin, Flupyradifurone, Fluquinconazole, Fluridone, Flurochloridone, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fluvalinate (tau-), Fluxapyroxad, Fonofos, Formothion, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Vegetable oils and fats (continued)	Halfenprox, Haloxyfop-ethoxyethyl, Haloxyfop-methyl, Heptenophos, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Icaridin, Imazamethabenz-methyl, Imibenconazole, Imidacloprid, Inabenfide, Indoxacarb, Ipconazole, Iprobenfos, Iprodione, Iprovalicarb [Sum of Isomers], Isazophos, Isocarbamid (Azolamide), Isocarbophos, Isofenphos, Isofenphos-methyl, Isoprocab, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Kresoxim-methyl, Lactofen, Lenacil, Linuron, Lufenuron, Malaixon, Malathion, Malathion O-Analog, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mepanipyrim, Mephosfolan, Mepronil, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos [Sum of Isomers], Methamidophos, Methidathion, Methiocarb (Mercaptodimethur), Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methoprene [Sum of Isomers], Methoprotryne, Methothrin, Methoxyfenozide, Metobromuron, Metolachlor, Metoxuron, Metrafenone, Metribuzin, Mevinphos [Sum of Isomers], Mexacarbate, Monalide [Sum of Isomers], Monocrotophos, Monolinuron, Monuron, Myclobutanil, N,N-dimethylaminosulfanilid (DMSA) - (degr. Diclufluamid), N.N-Dimethyl-N'-p-tolylsulphamide (DMST. metabolite tolylfluamid), N-2-4-Dimethylphenylformamide (DMF. Metabolite Amitraz), Naphthalene acetamide, Napropamide, Neburon, Nitralin [Sum of Isomers], Norflurazon, Novaluron, N-Phenylurea, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl, Oxadiazon, Oxadixyl, Oxamyl, Oxamyl oxime, Oxycarboxin, Oxydemeton Methyl Sulfone, Oxyfluorfen, Paclobutrazole, Paraoxon, Paraoxon-methyl, Parathion, Parathion-methyl, Pebulate, Penconazole, Pencycuron, Pendimethalin, Penflufen, Penfluron, Pentanochlor, Penthiopyrad, Permethrin [Sum of Isomers], Pethoxamid, Phenmedipham, Phenothrin [Sum of Isomers], Phenthoate, Phorate, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon, Phosphamidon (Dimecron) [Sum of Isomers], Phoxim, Picolinafen, Picoxystrobin, Piperonylbutoxide, Piperophos, Pirimicarb, Pirimicarb Desmethyl, Pirimicarb Desmethylformamido-, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Procymidone, Profenophos, Promecarb, Prometon, Prometryn (Caparol), Propachlor, Propanil, Propaquizafop, Propargite, Propetamphos, Propham, Propiconazole [Sum of Isomers], Propoxur, Propyzamide (Pronamide), Proquinazid, Prosulfocarb, Prothioconazole desthio, Prothiofos,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Vegetable oils and fats (continued)	Pyracarbolid, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyrazoxyfen (QI tbd!), Pyributicarb, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox [Sum of Isomers], Pyrifitalid, Pyrimethanil, Pyrimidifen, Pyriminobac-methyl, Pyriofenone, Pyriproxyfen, Pyroquilon, Quinalphos, Quinoxiphen, Quizalofop-p-ethyl, quizalofop-P-tefuryl, Rabenzazole, Resmethrin [Sum of Isomers], Rotenone, Sebuthylazine, Sebumeton, Siduron [Sum of Isomers], Silafluofen, Silthiofam, Simazine, Simeconazole, Spiroclufen, Spiromesifen, Spirotetramate, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Sulfotepp, Sulfoxaflo, Sulprofos (Bolstar), TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Tefluthrin, Temephos, Terbacil, Terbufosulfone, Terbufos-sulfoxid, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos (Stirofos), Tetraconazole, Tetramethrin [Sum of Isomers], Thenylchlor, Thiabendazole, Thiacloprid, Thiamethoxam, Thiazafuron, Thiazopyr, Thiobencarb, Thiodicarb, Thiofanox sulfone, Thiofanox sulfoxide, thiometon sulfone, Thionazin (Zinophos), Tokuthion (Prothiophos), Tolclofos-methyl, Tolfenpyrad, Triadimefon, Triadimenol [Sum of Isomers], Triallate, Triazophos, Tribufos (Merphos oxide. DEF), Trichlorfon (Dylox), Triclocarban, Tricyclazole, Trietazine, Trifloxystrobin, Triflumizol, Triflumuron, Triforine [Sum of Isomers], Trimethacarb (2.3.5-), Triticonazole, Uniconazole, vamidothion sulfone, Vernolate, Zoxamide			
High fat content products of plant origin (continued)  b. Oily fruits and seeds	<b>4. Determination of 297 pesticide residues</b>  2.3.5-Trimethacarb, 2.4.6-Trichlorophenol, 2.6-Dichlorobenzonitrile (Dichlobenil), 4.4'-Dichlorobenzophenone, 4-Chloroaniline, Acibenzolar-S-methyl, Aclonifen, Acrinathrin, Alachlor, Aldrin, Ametryn, Anthraquinone, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Bendiocarb, Benfluralin, Benthiavalicarb-isopropyl, BHC-alpha (benzene hexachloride), BHC-beta, BHC-delta, BHC-gamma (Lindane. gamma HCH), Bifenox, Bifenthrin, Biphenyl, Bitertanol [Sum of Isomers], Boscalid, Bromacil, Bromobutide, Bromocyclen, Bromophos, Bromophos-ethyl, Bromopropylate, Bromuconazole [Sum of Isomers], Bupirimate, Buprofezin, Butafenacil, Butralin, Cadusafos, Carbofuran, Carbophenothion, Carbophenothion-Methyl, Carboxin, Chlorbenside, Chlordane-cis, Chlordane-oxy, Chlordane-trans, Chlorfenapyr, Chlorfenprop-methyl, Chlorfenson [Sum of Isomers], Chlorfenvinphos, Chlormephos,	20.5.2019	30.7.2019	O.05.048 Modified method GC-MS/MS based on:  1. EN 15662:2018  2. SANTE/ Lat. Ed. of the European Commission

## LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Oily fruits and seeds (continued)	Chlorobenzilate, Chloroneb, Chlorothalonil, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthion, Chlozolate, cis-1.2.3.6-Tetrahydrophthalimide (THPI), Clomazone, Cloquintocet-mexyl, Coumaphos, Cyanofenphos, Cyanophos, Cyflufenamid, Cyfluthrin (Sum of Isomers or/andb-cyfluthrin), Cyhalothrin (Lambda), Cypermethrin (Sum of Isomers or/andb-cypermethrin), Cyproconazole, Cyprodinil, DCPA (Dacthal. Chlorthal-dimethyl), DDD-o.p', DDD-p.p', DDE-o.p', DDE-p.p', DDT-o.p', DDT-p.p', DEET, Deltamethrin, Demeton-O, Demeton-S-methyl, Desmetryn, Diazinon, Dichlofenthion, Dichloran, Dichlorvos, Diclobutrazol, Diclofop-methyl, Dicofol, Dieldrin, Difenconazole [Sum of Isomers], Diflufenican, Dimethoate, Dimethomorph [Sum of Isomers], Diniconazole, Dinobuton, Dioxabenzofos, Diphenamid, Diphenylamine, Dipropetryn, Disulfoton, Disulfoton sulfone, Disulfoton-sulfoxide, Ditalimfos, Edifenphos, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, EPN, Epoxiconazole, EPTC, Esfenvalerate, Etaconazole [Sum of Isomers], Ethalfluralin, Ethion, Ethofenprox, Ethofumesate, Ethoprophos, Ethoxyquin, Etoxazole, Fenamidone, Fenamiphos, Fenamiphos sulfone, Fenarimol, Fenazaquin, Fenbuconazole, Fenchlorphos oxon, Fenfluthrin, Fenitrothion, Fenobucarb, Fenpropathrin, Fenpropimorph, Fenson, Fensulfothion, Fenthion, Fenthion oxon sulfone, Fenthion sulfone, Fenthion sulfoxide, Fenvalerate [Sum of Isomers], Fipronil, Fipronil sulfide, Fipronil sulfone, Fluchloralin, Flucythrinate [Sum of Isomers], Fludioxonil, Flufenacet, Flumetralin, Fluotrimazole, Fluquinconazole, Flurprimidol, Flusilazole, Flutolanil, Fluvalinate-tau [Sum of Isomers], Folpet, Fonofos, Formothion, Fosthiazate [Sum of Isomers], Furalaxyl, Halfenprox, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptenophos, Hexaconazole, Hexazinone, Indoxacarb, Iodofenphos, Iprobenfos, Iprodione, Isocarbophos, Isodrin, Isofenphos, Isofenphos-methyl, Isoprothiolane, Kresoxim-methyl, Lenacil, Leptophos, Malaixon, Malathion, Mecarbam, Mefenpyr-diethyl, Mepanipirim, Mepronil, Metalaxyl, Metazachlor, Metconazole, Methacrifos, Methidathion, Methiocarb, Methoprotryne, Methoxychlor, Metolachlor, Metrafenone.			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Oily fruits and seeds (continued)	Metribuzin, Mevinphos, Myclobutanil, Napropamide, Nitralin, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Nuarimol, Octachlorodipropyl ether (S 421), Ofurace, o-Phenylphenol, Oxadiazon, Oxadixyl, Oxyfluorfen, Paclobutrazol, Parathion-methyl, Pebulate, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachloronitrobenzene (Quintozene), Permethrin [Sum of Isomers], Phenothrin [Sum of Isomers], Phenthoate, Phorate, Phorate Sulfoxide, Phosalone, Phosmet, Phosphamidon [Sum of Isomers], Phthalimide, Picoxystrobin, Piperonyl butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Promecarb, Prometryn, Propachlor, Propanil, Propazine, Propetamphos, Propiconazole, Propoxur, Propyzamide, Prosulfocarb, Prothioconazole-Desthio, Pymetrozine, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridaphenthion, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoclamine, Quinoxifen, Quizalofop-ethyl, Ronnel (Fenchlorphos), Silafluofen, Simazine, Spiromesifen, Spiroxamine [Sum of Isomers], Sulfentrazone, Sulfotep, Sulprofos, Tebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbacil, Terbufos, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetradifon, Tetramethrin [Sum of Isomers], Tolclofos-methyl, Tolyfluanid, Tralkoxydim, Transfluthrin, Triadimefon, Triadimenol [Sum of Isomers], Triallate, Triazophos, Trichloronat, Trifluralin, Triticonazole, Uniconazole, Vinclozolin, Zoxamide			
Oily fruits and seeds (continued)	<b>5. Determination of 61 pesticide residues</b> Acetamiprid, Amitraz metabolite BTS 27271, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, BAC-C10, BAC-C12, BAC-C14, BAC-C16, BAC-C18, Chlorfenvinphos, Chlorpyrifos, Deltamethrin, Dichlorvos, Didecyldimethylammonium chloride (mixture of alkyl-quaternary ammonium salts with alkyl chain lengths of C8, C10 and C12), Difenconazole, Diflufenican, Dimethoate, Dodine, Ethion, Ethoprophos, Etofenprox, Fenamiphos, Fenbuconazole (sum of constituent enantiomers), Fenoxycarb, Fenthion, Fenthion sulfone, Fenthion sulfoxide, Kresoxim-methyl, Malathion, Malaixon, Metalaxyl, Methamidophos, Methidathion, Omethoate, Paraoxon, Phenthoate, Phosmet, Phosmet oxon, Piperonyl butoxide, Pirimiphos-methyl, Profenofos, Propargite, Pyraclostrobin, Pyrazophos, Pyriproxyfen, Spinetoram (sum of spinetoram-J and	20.5.2019	28.8.2024	O.05.048 Modified method LC-MS/MS based on: 1. EN 15662:2018 2. SANTE/ Lat. Ed. of the European Commission

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Oily fruits and seeds (continued)	spinetoram-L), Spinosad (spinosad, sum of spinosyn A and spinosyn D), Spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat, Spirotetramat cis-keto-hydroxy, Spirotetramat mono-hydroxy, Tebuconazole, Thiacloprid, Thiamethoxam, Triadimenol (any ratio of constituent isomers), Trifloxystrobin			
Oily fruits and seeds (continued)	<p><b>6. Determination of 473 pesticide residues</b></p> <p>Acephate, Acetamiprid, Acetochlor, Acibenzolar-S-Methyl, Aclonifen, Alachlor, Albendazole, Aldicarb, Aldicarb-sulfoxide, Allidochlor, Ametocradin, Ametryn, Amicarbazone, Aminocarb (Metacil), Amisulbrom, Amitraz metabolite BTS 27271, Ancymidol, Anilofos, Asana (Esfenvalerate), Aspon, Atraton, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azaconazole [Sum of Isomers], Azamethiphos, Azinphos-ethyl, Azinphos-methyl (Guthion), Aziprotryne, Azoxystrobin, Barban [Sum of Isomers], Beflubutamid, Benalaxyl, Benazolin-ethyl ester, Bendiocarb, Benomyl (decomposed to Carbendazim), Benoxacor, Bensulfuron-methyl, Bensulide, Bentiavalicarb-isopropyl, Benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C10. C12. C14. C16 and C18), Benzoximate, Benzoylprop-ethyl, Benzthiazuron, Bifenox, Bifenthrin, Bixafen, Boscalid, Bromacil, Bromfeninfos, BTS 44595 (metabolite prochloraz), BTS 44596 (metabolite prochloraz), Bupirimate, Buprofezin, Butachlor, Butamifos, Butocarboxim-sulfoxid, Butralin, Buturon, Cadusafos, Cambendazole, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-keto-, Carbofuran-3-hydroxy, Carbophenothion, Carboxin, Carfentrazone-ethyl, Carpropamid, Chlorantraniliprole, Chlorbromuron, Chlorbufam, Chlorfenvinphos (E/Z) [Sum of Isomers], Chlorfluazuron, Chloridazone, Chlorotoluron, Chloroxuron (Chloroxifenidim), Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthal-dimethyl (DCPA. Dacthal), Chlorthiophos, Chromafenozide, Cinidon-ethyl, Climbazole, Clodinafop-propargyl, Clofentezine, Cloquintocet-1-methyl-hexyl ester, Clothiandin, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanofenphos, Cyanophos, Cyantraniliprole, Cyazofamid, Cycloate, Cycloxydim [Sum of Isomers], Cycluron, Cyflufenamid, Cyflumetofen, Cyhalofop butyl, Cyhalothrin (lambda-), Cymoxanil, Cypermehrin (Sum of Isomers or/anda-cypermethrin), Cyprazin, Cyproconazole [Sum of Isomers], Cyprodinil, Cythioate, DEET (Diethyltoluamide), Deltamethrin, Demeton-</p>	20.5.2019	30.7.2019	<p>O.05.048 Modified method LC-qTOF based on:</p> <ol style="list-style-type: none"> <li>1. EN 15662:2018</li> <li>2. SANTE/ Lat. Ed. of the European Commission</li> </ol>



Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Oil fruits and seeds (continued)	<p>S-methylsulfone, Demeton-S-methylsulfoxid (Oxydemeton-methyl), Desmedipham, Desmetryn, Dialifos, Diazinon, Dichlofenthion, Dichlofluamid, Dichlormid, Dichlorobenzamide, Dichlorvos, Diclobutrazol (main peak), Diclofop-methyl, Dicrotophos, Didecyldimethylammonium chloride (DDAC. alkyl-quaternary ammonium salts with alkyl chain lengths of C8. C10 and C12), Diethofencarb, Difenconazole [Sum of Isomers], Difenoxuron, Diflubenzuron, Diflufenican, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph [Sum of Isomers], Dimethylvinphos, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dioxathion, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxid, Dithiopyr, Diuron, DMSA, Dodemorph [Sum of Isomers], Dodine, Drazoxolon, EPN, Epoxiconazole, Etaconazole [Sum of Isomers], Ethiofencarb, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos. Ethoprop, Etobenzamid, Etofenprox, Etoxazole, Etrimfos, Famphur, Fenamidone, Fenamiphos, Fenamiphos - sulfone, Fenarimol, Fenazaquin, Fenbuconazole, Fenclorazol ethyl, Fenfuram, Fenhexamid, Fenitrothion, Fenobucarb, Fenoxanil [Sum of Isomers], Fenoxaprop-ethyl, Fenoxycarb, Fenciclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyroximate, Fenson, Fensulfothion, Fenthion, Fenthion-oxonsulfone, Fenthion-sulfon, Fenthion-sulfoxide, Fenuron, Fipronil, Fipronil-sulfide, Fipronilsulfone, Flamprop-isopropyl, Flonicamid, Fluazifop-P-butyl, Fluazuron, Flubendiamide, Flucythrinate, Fludioxonil, Flufenacet, Flufenoxuron, Fluometuron, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluoxastrobin, Flupyradifurone, Fluquinconazole, Fluridone, Flurochloridone, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutriafol, Fluvalinate (tau-), Fluxapyroxad, Fonofos, Forchlorfenuron, Formothion, Fosthiazate, Furalaxyl, Furathiocarb, Halfenprox, Haloxyfop-ethoxyethyl, Haloxyfop-methyl, Heptenophos, Hexaconazole, Hexythiazox, Icaridin, Imazamethabenz-methyl, Imibenconazole, Imidaclopid, Inabenfide, Indoxacarb, Ipconazole, Iprobenfos, Iprovalicarb [Sum of Isomers], Isazophos, Isocarbamid (Azolamide), Isocarbophos, Isofenphos, Isofenphos-methyl, Isoprocab, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Kresoxim-methyl, Lactofen, Lenacil, Linuron, Lufenuron, Malaixon, Malathion, Malathion O-Analog, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mepanipyrim,</p>			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Oil fruits and seeds (continued)	<p>Mephosfolan, Mepronil, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos [Sum of Isomers] (minor), Methamidophos, Methidathion, Methiocarb (Mercaptodimethur), Methiocarb-sulfone, Methoprotryne, Methoxyfenozide, Metobromuron, Metolachlor, Metoxuron, Metrafenone, Metribuzin, Mevinphos [Sum of Isomers], Mexacarbate, Monalide [Sum of Isomers], Monocrotophos, Monolinuron, Monuron, Myclobutanil, N,N-dimethylaminosulfanilid (DMSA) - (degr. Diclufluanid), N,N-Dimethyl-N'-p-tolylsulfamide (DMST. metabolite tolylfluanid), N-2-4-Dimethylphenylformamide (DMF. Metabolite Amitraz), Napropamide, Neburon, Nitralin [Sum of Isomers], Norflurazon, Novaluron, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl, Oxadiazon, Oxadixyl, Oxamyl oxime, Oxfendazole, Oxycarboxin, Oxydemeton Methyl Sulfone, Oxyfluorfen, Paclobutrazole, Paraoxon, Paraoxon-methyl, Parathion, Penconazole, Pencycuron, Pendimethalin, Penflufen, Penfluron, Penthiopyrad, Pethoxamid, Phenmedipham, Phenothrin [Sum of Isomers], Phenthoate, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon, Phosphamidon (Dimecron) [Sum of Isomers], Phoxim, Picolinafen, Picoxystrobin, Pinoxaden, Piperonylbutoxide, Piperophos, Pirimicarb, Pirimicarb Desmethylformamido-, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Procymidone, Profenophos, Profoxydim [Sum of Isomers], Promecarb, Prometon, Prometryn (Caparol), Propachlor, Propamocarb, Propanil, Propaquizafop, Propargite, Propetamphos, Propham, Propiconazole [Sum of Isomers], Propoxur, Propyzamide (Pronamide), Proquinazid, Prosulfocarb, Prothioconazole desthio, Prothiofos, Pyracarbolid, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyributicarb, Pyridaben, Pyridaphenthion, Pyrifenox [Sum of Isomers], Pyrifitalid, Pyrimethanil, Pyrimidifen, Pyriminobac-methyl, Pyriproxyfen, Pyroquilon, Quinalphos, quizalofop-P-tefuryl, Rabenzazole, Rotenone, Sebuthylazine, Secbumeton, Sethoxydim [Sum of Isomers], Siduron [Sum of Isomers], Silafluofen, Silthiofam, Simazine, Simeconazole, Spinetoram J, Spinetoram L, Spinosad A (Spinosyn A), Spinosad D, Spirodiclofen, Spiromesifen, Spirotetramate, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Spiroxamine [Sum of Isomers], Sulfentrazone, Sulfotepp, Sulfoxaflor, Sulprofos (Bolstar), TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame,</p>			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Oily fruits and seeds (continued)	Temephos, Terbacil, Terbufossulfone, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos (Stirofos), Tetraconazole, Tetramethrin [Sum of Isomers], Thenylchlor, Thiabendazole, Thiacloprid, Thiamethoxam, Thiazafurion, Thiazopyr, Thiobencarb, Thiodicarb, thiometon sulfone, Thionazin (Zinophos), Thiophanate-methyl, Thiophanat-ethyl, Tolclofos-methyl, Tolfenpyrad, Tolyfluamid, Tralkoxydim [Sum of Isomers], Triadimefon, Triallate, Triazophos, Tribenuron methyl, Tribufos (Merphos oxide. DEF), Tricyclazole, Trietazine, Trifloxystrobin, Triflumizol, Triflumizol Metabolite FM-6-1, Triflumuron, Triforine [Sum of Isomers], Trimethacarb (2.3.5-), Triticonazole, Uniconazole, Vamidothion, vamidothion sulfone, Vamidothion sulfoxide, Vernolate, Zoxamide			
Oily fruits and seeds (continued)	<b>7. Determination of Dithiocarbamate pesticide residues (CS2)</b>	19.08.2022	19.08.2022	O.05.029 Modified method GC-PFPD-S, based on:  1. Andre de Kok <i>et al.</i> , 6 <sup>TH</sup> European Pesticide Residue Workshop, (2006)  2. SANTE/ Lat. Ed. of the European Commission
Oily fruits and seeds (continued)	<b>8. Determination of 13 pesticide residues (Single Residue Method)</b>  Bromide, Chlorate, Chlormequat, Ethepon, Ethylene Thiouria (ETU), Fosetyl-Al, Maleic Hydrazine, Matrine, Mepiquat, oxy-Matrine, Perchlorate, Phosphonic acid, Propylene Thiouria (PTU)	19.08.2022	19.08.2022	O.05.107 Modified method LC-MS/MS based on:  2. EURL-SRM, Quick Method for the Analysis of numerous Highly Polar Pesticides in Foods of Plant Origin via LC-MS/MS involving Simultaneous Extraction with Methanol (QuPPE-Method)  2. SANTE/ Lat. Ed. of the European Commission
Oil fruits and seeds (continued)	<b>9. Determination 21 acid pesticides residue including conjugates, salts and/or esters, after alkaline Hydrolysis:</b>  2,4,5-T, 2,4,5-TP (Fenoprop), 2,4-D, 2,4-DP (Dichlorprop), 4-CPA, Acibenzolar, Carfentrazone, Clodinafop, Cyhalofop acid, Clopyralid ,Florpyrauxifen, Fluazifop, Fluroxypyr, Haloxyfop, MCPA, MCPB, MCPP, Pyraflufen, Quizalofop-P, Triclopyr, Trinexapac	19.08.2022	19.08.2022	O.05.47 Modified method LC-MS/MS based on:  1. EURL SRM Analytical Observations Report, Analysis of Acidic Pesticides Entailing Conjugates and/or Esters in their Residue Definitions  2. SANTE/ Lat. Ed. of the European Commission
4. Tobacco	<b>1. Determination of 115 pesticides residues</b>  Acephate, Acetamiprid, Acetamiprid-N-Desmethyl, Acibenzolar-S-Methyl, Alachlor, Aldicarb, Aldicarb-sulfone (Aldoxycarb), Aldicarb-sulfoxide, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Benomyl, Bifenthrin, Butralin, Carbaryl, Carbendazim, Carbofuran, Carbofuran 3-keto, Carbofuran-3-hydroxy, Chlorantraniliprole,	11.6.2020	11.6.2020	O.05.044 Modified method LC-qTOF based on:  1. EN 15662:2018  2. Coresta Technical Guide No5, 2018

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
	<p>Chlorfenvinphos, Chlorpyrifos, Clomazone, Cyantraniliprole, Cyhalothrin (lambda-), Cymoxanil, Cypermethrin, Cyprodinil, Deltamethrin, Demeton-S-methyl, Demeton-S-methyl sulfone, Diazinon, Dichlorvos, Difenconazole, Dimethoate, Dimethomorph, Disulfoton-sulfone, Disulfoton-sulfoxide, Diuron, Ethiofencarb, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethofumesate, Ethoprophos, Fenamidone, Fenamiphos, Fenamiphos - sulfone, Fenamiphos sulfoxide, Fenitrothion, Fenthion, Fenthion-oxon, Fenthion-oxon sulfone, Fenthion-oxon sulfoxide, Fenthion-sulfone, Fenthion-sulfoxide, Fenvalerate, Fluazifop-P-butyl, Flubendiamide, Flucythrinate, Fluopyram, Flupyradifurone, Fonofos, Imidacloprid, Indoxacarb, Isopropalin, Linuron, Malaixon, Malathion, Metalaxyl, Methamidophos, Methidathion, Methiocarb, Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methomyl oxime, Metobromuron, Metoxuron, Mevinphos, Monocrotophos, Omethoate, Oxadixyl, Oxamyl, Oxamyl oxime, Parathion, Penconazole, Pendimethalin, Permethrin, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosphamidon, Phoxim, Piperonyl butoxide, Pirimiphos-ethyl, Pirimiphos-methyl, Profenophos, Propamocarb, Propoxur, Pyridate, Tebuconazole, Terbufossulfone, Terbufos-sulfoxid, Tetrachlorvinphos, Thiocloprid, Thiamethoxam, Thiodicarb, Thionazin, Thiophanate-methyl, Trichlorfon, Triflumuron, Vamidothion, Vamidothion sulfone, Vamidothion sulfoxide</p>			
Tobacco (continued)	<p><b>2. Determination of 88 pesticides residues</b></p> <p>Alachlor, Aldrin, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, Benfluralin, BHC-alpha, BHC-beta, BHC-delta, BHC-gamma (Lindane), Bifenthrin, Bromophos, Bromophos-ethyl, Butralin, Chlorantraniliprole, Chlordane-cis, Chlordane-oxy, Chlordane-trans, Chlorfenvinphos, Chlorothalonil, Chlorpyrifos, Chlorpyrifos-methyl, cis-1,2,3,6-Tetrahydrophthalimide (THPI), Clomazone, Cyfluthrin (Sum of Isomers or/andb-cyfluthrin), Cyhalothrin (Lambda), Cypermethrin (Sum of Isomers or/andb-cypermethrin, z-cypermethrin), Cyprodinil, DCPA (Dacthal, Chlorthal-dimethyl), DDD-o.p', DDD-p.p', DDE-o.p', DDE-p.p', DDT-o.p', DDT-p.p', Deltamethrin, Diazinon, Dichlorvos, Dieldrin, Dimethomorph, Disulfoton, Disulfoton sulfone, Disulfoton-sulfoxide, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, Esfenvalerate, Ethoprophos, Fenamiphos, Fenamiphos sulfone,</p>	11.6.2020	11.6.2020	<p>O.05.044 Modified method GC-MSMS based on:</p> <p>1. EN 15662:2018</p> <p>2. Coresta Technical Guide No5, 2018</p>

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
	Fenamiphos-sulfoxide, Fenitrothion, Fenvalerate, Flucythrinate, Flumetralin, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Indoxacarb, Iprodione, Isopropalin, Metalaxyl, Methoxychlor, Metolachlor, Mevinphos, Mirex, Napropamide, Nitrofen, Oxadixyl, Parathion-methyl, Pebulate, Penconazole, Pendimethalin, Permethrin, Phorate, Phosalone, Piperonyl butoxide, Pirimiphos-ethyl, Pirimiphos-methyl, Quizalofop-ethyl, Tralomethrin, Tebuconazole, Teflutrhin, Terbufos, Tetrachlorvinphos, Trifluralin			
Tobacco (continued)	<p><b>3. Determination of 99 pesticides residues</b></p> <p>Acephate, Acetamiprid, Acetamiprid-N-desmethyl, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Azinphos ethyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Carbaryl, Carbendazim, Carbofuran, Carbofuran-3 hydroxy, Carbofuran-3-keto, Chlorantraniliprole, Chlorfenvinphos, Chlorpyrifos, Clomazone, Clothianidin, Cymoxanil, Cyprodinil, Deltamethrin, Demeton-S-methyl sulfone, Diazinon, Dichlorvos, Difenconazole, Dimefox, Dimethoate, Dimethomorph, Disulfoton sulfone, Disulfoton sulfoxide, Diuron, Ethofumesate, Famoxadone, Fenamidone, Fenamiphos, Fenamiphos sulfone, Fenamiphos sulfoxide, Fenthion, Fenthion oxon, Fenthion oxon sulfone, Fenthion oxon sulfoxide, Fenthion sulfone, Fenthion sulfoxide, Flonicamid, Fluazifop-P-butyl, Flubendiamide, Fluopyram, Flupyradifurone, Imidacloprid, Indoxacarb, Linuron, Malaoxon, Malathion, Metalaxyl, Methamidophos, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methomyl, Metobromuron, Metolachlor, Metoxuron, Mevinphos, Monocrotophos, Napropamide, Omethoate, Oxadixyl, Oxamyl, Oxamyl-oxime, Penconazole, Pendimethalin, Phorate sulfone, Phorate sulfoxide, Phosalon, Phosphamidon, Phoxim, Piperonyl butoxide, Pirimiphos ethyl, Pirimiphos methyl, Profenofos, Propamocarb, Propoxur, Quizalofop-P-ethyl, Tebuconazole, Terbufos sulfone, Terbufos sulfoxide, Tetrachlorvinphos, Thiacloprid, Thiamethoxam, Thiodicarb, Thionazin, Trichlorfon, Vamidothion, Vamidothion sulfone, Vamidothion sulfoxide</p>	11.6.2020	11.6.2020	<p>O.05.044 Modified method LC-MSMS based on:</p> <p>1. EN 15662:2018</p> <p>2. Coresta Technical Guide No5, 2018</p>
Tobacco (continued)	<p><b>4. Determination of pesticides residue (Single Residue Method)</b></p> <p><b>Maleic Hydrazine</b></p>	11.6.2020	11.6.2020	<p>O.05.107 Modified method LC-MS/MS based on:</p> <p>1. EURL-SRM, Quick Method for the Analysis of numerous Highly Polar Pesticides in Foods of Plant Origin via LC-MS/MS involving Simultaneous Extraction with Methanol</p>

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
				(QuPPE-Method) 2. Coresta Technical Guide No5, 2018
Tobacco (continued)	5. Determination of <b>Dithiocarbamates</b> pesticides residue (CS2)	11.6.2020	11.6.2020	O.05.029 Modified method GC-PFPD-S, based on: 1. Andre de Kok et al.: 6 <sup>TH</sup> European Pesticide Residue Workshop, (2006) 2. Coresta Technical Guide No5, 2018
Tobacco (continued)	6. Determination of pesticides residue ( <b>Hydrolysis Method</b> ) – 2.4-D – Acibenzolar – 2.4.5-T	11.6.2020	11.6.2020	O.05.047 Modified method LC-MS/MS based on: 1. EURL-SRM - Analytical Observations Report for Acidic Herbicides, their esters and conjugates, 2020 2. Coresta Technical Guide N°5, 2018
5. Cereals and legumes (Wheat, rye, barley, oat, maize, rice, white bread, crackers, breakfast cereals, pasta, dried bean, lentils)	1. Determination of <b>316</b> pesticide residues: 2-Phenylphenol, Acibenzolar-S-methyl, Aclonifen, Acrinathrin, Alachlor, Aldrin, Ametryn, Anthraquinone, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Bendiocarb, Benfluralin, Benthiavalicarb-isopropyl, BHC-alpha, BHC-beta, BHC-delta, BHC-gamma (Lindane, gamma HCH), Bifenox, Bifenthrin, Biphenyl, Bitertanol, Boscalid, Bromobutide, Bromocyclen, Bromophos, Bromophos-ethyl, Bromopropylate, Bromuconazole, Bupirimate, Buprofezin, Butafenacil, Butralin, Cadusafos, Carbofuran, Carbophenothion, Carbophenothion-Methyl, Carboxin, Chinomethionate, Chlorbenside, Chlordane-cis, Chlordane-oxy, Chlordane-trans, Chlorfenapyr, Chlorfenprop-methyl, Chlorfenson, Chlorfenvinphos, Chlormephos, Chloroaniline 4-, Chlorobenzilate, Chloroneb, Chlorothalonil, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthion, Chlozolate, cis-1,2,3,6-Tetrahydrophthalimide (THPI), Clomazone, Cloquintocet-mexyl, Coumaphos, Cyanofenphos, Cyanophos, Cycloate, Cyflufenamid, Cyfluthrin, Cyfluthrin-beta, Cyhalofop-butyl, Cyhalothrin (Lambda), Cypermethrin, Cypermethrin-alpha, Cyproconazole, Cyprodinil, DCPA (Dacthal, Chlorthal-dimethyl), DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDT-o,p', DDT-p,p', DEET, Deltamethrin I, Deltamethrin II, Demeton-S, Demeton-S-methyl, Demeton-S-methyl sulfon, Desmetryn, Diazinon, Dichlofenthion, Dichloran, Dichlorobenzonitrile 2,6- (Dichlobenil), Dichlorobenzophenone, 4,4', Dichlorvos, Diclobutrazol, Diclofop-methyl, Dicofof,	9/3/2020	9/3/2020	O.05.43 Modified method <b>GC-MS/MS</b> based on: 1. EN 15662:2018 2. SANTE/ Lat. Ed. of the European Commission

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Cereals and legumes (continued)	Dieldrin, Difenoconazole, Diflufenican, Dimethipin, Dimethoate, Dimethomorph, Diniconazole, Dinobuton, Dioxabenzofos, Diphenamid, Dipropetryn, Disulfoton, Disulfoton sulfone, Disulfoton-sulfoxide, Ditalimfos, DMSA, Edifenphos, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, Endrin aldehyde, EPN, Epoxiconazole, EPTC, Etaconazole, Ethalfuralin, Ethion, Ethofenprox, Ethofumesate, Ethoprophos, Etoxazole, Etridiazole, Etrimfos, Fenamidone, Fenamiphos, Fenamiphos sulfone, Fenamiphos-sulfoxide, Fenarimol, Fenazaquin, Fenchlorphos oxon, Fenfluthrin, Fenitrothion, Fenobucarb, Fenpropathrin, Fenpropimorph, Fenson, Fensulfothion, Fenthion, Fenthion sulfone, Fenthion sulfoxide, Fenvalerate & Esfenvalerate, Fipronil, Fipronil sulfide, Fipronil sulfone, Fluchloralin, Flucythrinate, Flufenacet, Flumetralin, Fluotrimazole, Fluquinconazole, Flurprimidol, Flusilazole, Flutolanil, Fluvalinate-tau, Fonofos, Formothion, Fosthiazate, Furalaxyl, Halfenprox, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptenophos, Hexachlorobenzene, Hexaconazole, Hexazinone, Imazalil, Indoxacarb, Iodofenphos, Ioxynil, Iprobenfos, Iprodione, Isazofos, Isocarbophos, Isodrin, Isofenphos, Isofenphos-methyl, Kresoxim-methyl, Leptophos, Malaoxon, Malathion, Mecarbam, Mefenpyr-diethyl, Mepanipyrim, Mepronil, Metalaxyl, Metazachlor, Methacrifos, Methamidophos, Methidathion, Methiocarb, Methiocarb sulfone, Methoprotryne, Methoxychlor, Metolachlor, Metrafenone, Metribuzin, Mevinphos E-&Z-, Mirex, Myclobutanil, Napropamide, Nitralin, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Novaluron, Nuarimol, Octachlorodipropyl ether (S 421), Ofurace, Omethoate, Oxadiazon, Oxadixyl, Oxyfluorfen, Paclobutrazol, Paraoxon, Paraoxon-methyl, Parathion, Parathion-methyl, Pebulate, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachloronitrobenzene (Quintozene), Permethrin, Phenkapton, Phenothrin, Phenthoate, Phorate, Phorate sulfone, Phorate Sulfoxide, Phosalone, Phosmet, Phosphamidon, Phthalimide, Picoxystrobin, Piperonyl butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Promecarb, Prometryn, Propachlor, Propanil, Propargite, Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propyzamide, Prosulfocarb, Prothioconazole-Desthio, Prothiofos, Pymetrozine, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridaphenthion, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoclamine, Quinoxifen, Quizalofop-ethyl, Resmethrin,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Cereals and legumes (continued)	Ronnell (Fenchlorphos), Silafluofen, Simazine, Spiromesifen, Spiroxamine, Sulfotep, Sulprofos, Tebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbufos, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetradifon, Tetramethrin, Tetrasul, Tolclofos-methyl, Tolyfluanid, Tralkoxydim, Transfluthrin, Triadimefon, Triadimenol, Triallate, Triazophos, Trichloronat, Trichlorophenol, 2,4,6-, Tricyclazole, Trifluralin, Trimethacarb, 2,3,5-, Uniconazole, Vamidothion, Vinclozolin.			
Cereals and legumes (continued)	<p><b>2. Determination of 581 pesticide residues:</b></p> <p>Acephate, Acequinocyl, Acetamiprid, Acetamiprid-N-Desmethyl, Acetochlor, Acibenzolar-S-Methyl, Aclonifen, Alachlor, Alanycarb, Albendazole, Aldicarb, Aldicarb-sulfone (Aldoxycarb), Aldicarb-sulfoxide, Allethrin, Allidochlor, Ametoctradin, Ametryn, Amicarbazone, Aminocarb, Ancymidol, Anilofos, Asana (Esfenvalerate), Aspon, Atraton, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, AvermectinB1a (Abamectin), Azaconazole, Azamethiphos, Azimsulfuron, Azinphos-ethyl, Azinphos-methyl, Aziprotryne, Azoxystrobin, BAC 10, BAC 12, BAC 14, BAC 16, BAC 18, BAC 8, Barban (endo), Beflubutamid, Benalaxyl, Benazolin-ethyl ester, Bendiocarb, Benfuracarb, Benodanil, Benoxacor, Bensulfuron-methyl, Bensulide, Benthiavalicarb-isopropyl, Benzoximate, Benzoylprop-ethyl, Benzthiazuron, Bifenazate-diazene, Bifenox, Bifenthrin, Bitertanol, Bixafen, Boscalid, Bromacil, Bromadiolone, Bromfenvinfos, Bromobutide, Bromophos-ethyl, Bromuconazole, Bupirimate, Buprofezin, Butachlor, Butafenacil, Butamifos, Butocarboxim-sulfoxide, Butoxycarboxim, Butralin, Buturon, Butylate, Cadusafos, Cambendazole, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-keto-, Carbofuran-3-hydroxy, Carbophenothion, Carboxin, Carfentrazone-ethyl, Carpropamid, Chlorantraniliprole, Chlorbromuron, Chlorbufam, Chlordimeform, Chlorfenvinphos, Chloridazone, Chlorotoluron, Chloroxuron, Chlorpropham, Chlorpyriphos, Chlorpyriphos-methyl, Chlorsulfuron, Chlorthion, Chlorthiophos, Chromafenozide, Cinidon-ethyl, Clethodim, Climbazole, Clodinafop-propargyl, Clofentezine, Clomazone, Cloquintocet-1-methyl-hexyl ester, Clothiandin, Coumachlor, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanazine, Cyanofenphos, Cyanophos, Cyantraniliprole, Cyazofamid, Cycloate,</p>	9/3/2020	9/3/2020	<p>O.05.43 Modified method <b>LC-qTOF</b> based on:</p> <p>1. EN 15662:2018</p> <p>2. SANTE/ Lat. Ed. of the European Commission</p>



Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Cereals and legumes (continued)	Cycloheximide, Cycloxydim, Cycluron, Cyflufenamid, Cyflumetofen, Cyfluthrin, Cyhalofop butyl, Cyhalothrin (lambda-), Cymoxanil, Cypermethrin, Cyprazin, Cyproconazole, Cyprodinil, Cythioate, DDAC-C10, DDAC-C12, DDAC-C8, DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methyl, Demeton-S-methylsulfone, Demeton-S-methylsulfoxid (Oxydemeton-methyl), Desmedipham, Desmetryn, Dialifos, Diazinon, Dichlofenthion, Dichlormid, Dichlorobenzamide, Dichlorvos, Diclobutrazol, Diclofop-methyl, Dicrotophos, Diethofencarb, Difenacoum, Difenoconazole, Difenoxuron, Diflubenzuron, Diflufenican, Dimefox, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph, Dimethylvinphos, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dioxathion, Diphacinone, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxide, Ditalimfos, Dithiopyr, Diuron, DMSA, Dodemorph, Dodine, Drazoxolon, Edifenphos, EPN, Epoxiconazole, Etaconazole, Ethiofencarb, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Etobenzanid, Etofenprox, Etoxazole, Etrimfos, Famoxadone, Famphur, Fenamidone, Fenamiphos, Fenamiphos - sulfone, Fenamiphos sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenclorazol ethyl, Fenfuram, Fehexamid, Fenitrothion, Fenobucarb, Fenoxanil, Fenoxaprop-ethyl, Fenoxycarb, Fenciclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fenson, Fensulfothion, Fensulfothion-oxon, Fensulfothion-sulfon, Fenthion, Fenthion-oxon, Fenthion-oxonsulfone, Fenthion-oxonsulfoxide, Fenthion-sulfon, Fenthion-sulfoxide, Fenuron, Fenvalerate, Fipronil, Fipronil-Desulfinyl, Fipronil-sulfide, Fipronilsulfone, Flamprop-isopropyl, Flonicamid, Florasulam, Fluazifop-P-butyl, Fluazuron, Flubendiamide, Flucythrinate, Fludioxonil, Flufenacet, Flufenoxuron, Flumetsulam, Flumioxazin, Fluometuron, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluoxastrobin, Flupyradifurone, Fluquinconazole, Fluridone, Flurochloridone, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fluxapyroxad, Fomesafen, Fonofos, Forchlorfenuron, Formetanate, Formothion, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Furmecyclox, Halfenprox, Halofenozide, Halosulfuron-methyl, Haloxyfop-ethoxyethyl, Haloxyfop-methyl, Heptenophos, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Icaridin, Imazalil, Imazamethabenz-methyl,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Cereals and legumes (continued)	Imazamox, Imazapic, Imazapyr, Imazaquin, Imazethapyr, Imibenconazole, Imidacloprid, Imiprothrin, Inabenfide, Indoxacarb, Iodofenphos, Ipconazole, Iprobenfos, Iprodione, Iprovalicarb, Isazophos, Isocarbamid, Isocarbophos, Isofenphos, Isofenphos-methyl, Isoprocarb, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Ivermectin, Kresoxim-methyl, Lactofen, Lenacil, Leptophos, Linuron, Lufenuron, Malaixon, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mefluidide, Mepanipirim, Mephosfolan, Mepronil, Mesosulfuron-methyl, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos, Methamidophos, Methfuroxam, Methidathion, Methiocarb, Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methomyl oxime, Methoprene, Methoprotryne, Methothrin, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metominostrobin, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-methyl, Mevinphos, Mexacarbate, Molinate, Monalide, Monocrotophos, Monolinuron, Monuron, Myclobutanil, N, N-dimethylaminosulfanilid (DMSA), N,N-Dimethyl-N'-p-tolylsulphamide (DMST), N-2-4-Dimethylphenylformamide (DMF), Naphthalene acetamide, Napropamide, Neburon, Nitenpyram, Nitralin, Norflurazon, Novaluron, N-Phenylurea, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl, Oxadiazon, Oxadixyl, Oxamyl, Oxamyl oxime, Oxfendazole, Oxycarboxin, Oxydemeton Methyl Sulfone, Oxyfluorfen, Paclobutrazole, Paraoxon, Paraoxon-methyl, Parathion, Pebulate, Penconazole, Pencycuron, Pendimethalin, Penflufen, Penfluron, Penoxsulam, Pentanochlor, Penthiopyrad, Permethrin, Pethoxamid, Phenmedipham, Phenothrin, Phenthoate, Phorate, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon, Phosphamidon, Phoxim, Picolinafen, Picoxystrobin, Pinoxaden, Piperonylbutoxide, Piperophos, Pirimicarb, Pirimicarb Desmethyl, Pirimicarb Desmethyl formamido-, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Prochloraz metabolite BTS 44595, Prochloraz metabolite BTS 44596, Procymidone, Profenophos, Profoxydim, Promecarb, Prometon, Prometryn, Propachlor, Propamocarb, Propanil, Propaquizafop, Propargite, Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propoxycarbazone, Propyzamide, Proquinazid, Prosulfocarb, Prosulfuron, Prothioconazole desthio, Prothiofos, Pymetrozine, Pyracarbolid, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyributicarb, Pyridaben, Pyridalyl, Pyridaphenthion,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Cereals and legumes (continued)	Pyridate, Pyridate degravation, Pyrifenox, Pyrifitalid, Pyrimethanil, Pyrimidifen, Pyriminobac-methyl, Pyriofenone, Pyriproxyfen, Pyroquilon, Quinalphos, Quinoxiphen, Quizalofop-p-ethyl, Rabenzazole, Resmethrin, Rimsulfuron, Rotenone, Saflufenacil, Sebuthylazine, Secbumeton, Sethoxydim, Siduron, Silafluofen, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spinosad A, Spinosad D, Spirodiclofen, Spiromesifen, Spirotetramate, Spirotetramate-enol, Spirotetramate-enol-glucoside, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Spiroxamine, Sulfentrazone, Sulfotepp, Sulfoxaflor, TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Teflubenzuron, Temephos, TEPP, Tepraloxym, Terbacil, Terbufos sulfone, Terbufos-sulfoxide, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetramethrin, Thenylchlor, Thiabendazole, Thiabendazole-5-hydroxy, Thiachlopid, Thiamethoxam, Thiazafuron, Thiazopyr, Thidiazuron, Thifensulfuron-methyl, Thiobencarb, Thiocyclam, Thiodicarb, Thiofanox sulfone, Thiofanox sulfoxide, Thionazin, Thiophanate-methyl, Thiophanate-ethyl, Tokuthion, Tolclofos-methyl, Tolfenpyrad, Tolyfluamid, Tralkoxydim, Triadimefon, Triadimenol, Triallate, Triasulfuron, Triazophos, Tribenuron methyl, Tribufos, Trichlorfon, Tricyclazole, Tridemorph, Trietazine, Trifloxystrobin, Trifloxysulfuron, Triflumizol, Triflumuron, Triforine, Trimethacarb (2.3.5-), Triphenylphosphate, Triticonazole, Uniconazole, Vamidothion, Vamidothion sulfoxide, Vemolate, Warfarin, XMC, Zoxamide <u><b>Negative Ionization</b></u> Bentazone, TFNA, TFNG, Ioxynil, Bromoxynil, Haloxypop			
Cereals and legumes (continued)	<b>3.</b> Determination of <b>13</b> pesticides residue (Single Residue Method)  Bromide, Chlorate, Chloromequat, Ethepon, Ethylene Thiouria (ETU), Fosetyl-Al, Maleic Hydrazine, Matrine, Mepiquat, oxy-Matrine, Perchlorate, Phosphonic acid, Propylene Thiouria (PTU)	11.6.2020	11.6.2020	O.05.107 Modified method LC-MS/MS based on:  1. EURL-SRM, Quick Method for the Analysis of numerous Highly Polar Pesticides in Foods of Plant Origin via LC-MS/MS involving Simultaneous Extraction with Methanol (QuPPE-Method)  2. SANTE/ Lat. Ed. of the European Commission
6. Food of animal origin  a) Milk and milk products  Milk, Cheese, Yogurt, Dairy products	<b>1.</b> Determination of <b>448</b> pesticide residues:  2,3,5-Trimethacarb, 2-hydroxyterbutylazine, Acetamidiprid, Acetamidiprid-N-Desmethyl, Acetochlor, Acibenzolar-S-Methyl, Acifluorfen, Alachlor, Albendazole, Aldicarb, Allethrin, Allidochlor, Ametocradin, Ametryn,	11.4.2022	28.8.2024	O.05.108 Modified method <b>LC-qTOF</b> based on :  1. EN 15662:2018  2. SANTE/ Lat. Ed. of the European Commission

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Milk and milk products (continued)	<p>Amisulbrom, Ancymidol, Anilofos, Atraton, Atrazine, AvermectinB1a (Abamectin), Azaconazole, Azamethiphos, Azimsulfuron, Azinphos-ethyl, Azinphos-methyl, Aziprotryne, Azoxystrobin, BAC 10, BAC 12, BAC 16, Barban, Beflubutamid, Benalaxyl, Benazolin-ethyl ester, Bendiocarb, Benodanil, Benoxacor, Bensulfuron-methyl, Bensulide, Benthiavalicarb-isopropyl, Benzoximate, Benzoylprop-ethyl, Bifenazate, Bifenazate-diazene, Bifenox, Bifenthrin, Boscalid, Bromanil, Bromfeninfos, Bromuconazole, Bupirimate, Buprofezin, Butachlor, Butamifos, Butralin, Buturon, Cadusafos, Cambendazole, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-keto, Carbofuran-3-hydroxy, Carboxin, Carfentrazone-ethyl, Carpropamid, Chlorantraniliprole, Chlorbromuron, Chlorbufam, Chlorfenprop-methyl, Chlorfenvinphos, Chlorfluazuron, Chloridazone, Chlorotoluron, Chloroxuron, Chlorpropham, Chlorpyriphos, Chlorpyriphos-methyl, Chlozolate, Chromafenozide, Cinidon-ethyl, Clethodim, Climbazole, Clodinafop-propargyl, Clofentezine, Cloquintocet-1-methyl-hexyl ester, Clothianidin, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanazine, Cyanofenphos, Cyantraniliprole, Cyazofamid, Cycloheximide, Cycloxydim, Cycluron, Cyflufenamid, Cyflumetofen, Cymiazole, Cymoxanil, Cyprazin, Cyproconazole, Cyprodinil, DDAC-C10, DDAC-C12, DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methyl, Demeton-S-methyl sulfone, Desmedipham, Desmetryn, Dialifos, Diazinon, Dichlofenthion, Dichlofluamid, Dichlorobenzamide, Dichlorvos, Diclobutrazol, Dicloran, Diclosulam, Diethofencarb, Difenconazole, Difenoxuron, Diflubenzuron, Diflufenican, Dimefox, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph, Dimethylvinphos, Dimoxystrobin, Diniconazole, Dioxacarb, Diphacinone, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxide, Ditalimfos, Dithiopyr, Diuron, Dodine, Drazoxolon, EPN, Epoxiconazole, Etaconazole, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Etobenzanid, Etoxazole, Etrimfos, Famoxadone, Famphur, Fenamidone, Fenamiphos, Fenamiphos-sulfone, Fenamiphos-sulfoxide, Fenarimol, Fenbuconazole, Fenclorazol ethyl, Fenhexamid, Fenobucarb, Fenoxycarb, Fenciclonil, Fencicoxamid, Fenpyrazamine, Fenpyroximate, Fenson, Fensulfothion, Fensulfothion-oxon, Fenthion, Fenthion-oxon, Fenthion-oxon sulfone, Fenthion-sulfone, Fenthion-sulfoxide, Fenuron, Fipronil, Fipronil</p>			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Milk and milk products (continued)	sulfone, Fipronil-desulfinyl, Fipronil-sulfide, Flamprop-isopropyl, Flonicamid, Florasulam, Fluacrypyrim, Fluazifop-P-butyl, Fluazuron, Flubendiamide, Fludioxonil, Flufenacet, Flufenacet OA, Flufenoxuron, Flumioxazin, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluoxastrobil, Flupyradifurone, Fluquinconazole, Fluridone, Flurochloridone, Fluroxypyr, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fluxapyroxad, Fonofos, Forchlorfenuron, Fosthiazate, Furalaxyl, Furathiocarb, Furmecyclox, Halosulfuron-methyl, Heptenophos, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Icaridin, Imazalil, Imazamethabenz-methyl, Imibenconazole, Imidacloprid, Indoxacarb, Ipconazole, Iprobenfos, Iprovalicarb, Isazophos, Isocarbamid, Isocarbophos, Isofenphos, Isofenphos oxon, Isofenphos-methyl, Isofetamid, Isoprocarb, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Karanjin, Kresoxim-methyl, Lactofen, Lenacil, Leptophos, Linuron, Lufenuron, Malaixon, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mefentriptyconazole, Mefluidide, Mepanipyrim, Mephosfolan, Mepronil, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos, Methidathion, Methiocarb, Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methomyl oxime, Methoprotryne, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metominostrobin, Metoxuron, Metrafenone, Metribuzin, Mexacarbate, MGK-264, Monalide, Monolinuron, Monuron, Myclobutanil, N,N-dimethylaminosulfanilid (DMSA) - (degr. Diclufluanid), N-2-4-Dimethylphenylformamide (DMF. Metabolite Amitraz), Naphthalene acetamide, Napropamide, Neburon, Nitralin, Norflurazon, Novaluron, Nuarimol, Ofurace, Oryzalin, Oxabetrinil, Oxadiargyl, Oxadiazon, Oxadixyl, Oxathiapirolin, Oxfendazole, Oxycarboxin, Oxydemeton methyl sulfone, Oxyfluorfen, Paraoxon, Paraoxon-methyl, Parathion, Penconazole, Pencycuron, Penflufen, Penoxsulam, Pentanochlor, Penthiopyrad, Pethoxamid, Phenmedipham, Phenthoate, Phorate-oxon-sulfone, Phorate-sulfone, Phorate-sulfoxide, Phosmet, Phosmet-oxon, Phosphamidon, Phoxim, Picolinafen, Picoxystrobin, Piperonyl butoxide, Piperophos, Pirimicarb, Pirimicarb desmethyl, Pirimicarb desmethyl formamido, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Prochloraz metabolite BTS 44595, Prochloraz metabolite BTS 44596, Procymidone, Profenophos, Prometon, Propachlor,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Milk and milk products (continued)	Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propyzamide, Prosulfocarb, Prosulfuron, Prothioconazole desthio, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyrethrin I, Pyrifenox, Pyrifluquinazon, Pyrifitalid, Pyrimethanil, Pyriminobac-methyl, Pyriofenone, Pyriproxyfen, Quinalphos, Quizalofop-P-tefuryl, Rabenzazole, Rotenone, Saflufenacil, Sebuthylazine, Secbumeton, Sethoxydim, Siduron, Simeconazole, Spinetoram, Spinosad A, Spinosad D, Spiromesifen, Spirotetramate, Spirotetramate-enol, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Sulfotep, Sulfoxaflor, SWEP.MCC, TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Temephos, TEPP, Terbacil, Terbufos, Terbufos-sulfone, Terbufos-sulfoxid, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetramethrin, Thenylchlor, Thiacloprid, Thiamethoxam, Thiazopyr, Thidiazuron, Thiodicarb, Thiofanox sulfone, Thiometon sulfone, Thionazin, Tolclofos-methyl, Tralkoxydim, Triadimefon, Triadimenol, Triasulfuron, Triazamate, Triazophos, Tribenuron methyl, Trichlorfon, Tricyclazole, Trifloxystrobin, Triflumizol Metabolite FM-6-1, Triflumizole, Triflumuron, Triflurosulfuron-methyl, Triforine, Triticonazole, Uniconazole, Valifenalate, Vamidothion, Vinclozolin, Warfarin, Zoxamide			
Milk and milk products (continued)	<b>2. Determination of 156 pesticide residues:</b>  1,4-Dimethylnaphthalene, 2,3,5-Trimethacarb, 2-Phenylphenol, 4-Chloroaniline, Alachlor, Aldrin, Benfluralin, Benthiavalicarb-isopropyl, BHC-alpha (benzene hexachloride), BHC-beta, BHC-delta, BHC-gamma (Lindane, gamma HCH), Bifenthrin, Biphenyl, Bitertanol, Boscalid, Bromobutide, Bromophos-ethyl, Bromopropylate, Bupirimate, Buprofezin, Butafenacil, Cadusafos, Chlordane-oxy, Chlorfenprop-methyl, Chlorfenson, Chlorfenvinphos, Chlormephos, Chlorobenzilate, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlozolate, Cis-1,2,3,6-Tetrahydrophthalimide (THPI), Clomazone, Coumaphos, Cyanofenphos, Cyanophos, Cyflufenamid, Cyfluthrin, Cypermethrin, Cyproconazole, Cyprodinil, DDD-p,p', DDE-o,p', DDE-p,p', DDT-o,p', DEET, Deltamethrin, Desmetryn, Diazinon, Dichloran, Difenconazole, Diflufenican, Dimethipin, Diphenamid, Diphenylamine, Dipropetryn, Disulfoton, Ditalimfos, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin ketone, Epoxiconazole, Etaconazole, Ethofenprox, Ethofumesate, Ethoprophos,	11.4.2022	28.8.2024	O.05.108 Modified method <b>GC-MS/MS</b> based on :  1. EN 15662:2018  2. SANTE/ Lat. Ed. of the European Commission

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Milk and milk products (continued)	Etoxazole, Etrimfos, Fenamidone, Fenamiphos, Fenamiphos sulfone, Fenarimol, Fenfluthrin, Fenitrothion, Fenobucarb, Fenpropathrin, Fenpropimorph, Fenson, Fensulfothion, Fenthion, Fenthion sulfone, Fipronil, Fipronil sulfide, Fipronil sulfone, Flucythrinate, Fluquinconazole, Flurprimidol, Flutolanil, Fonofos, Furalaxyl, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Iprobenfos, Isazofos, Isocarbophos, Isofenphos-methyl, Isoprothiolane, Kresoxim-methyl, Lenacil, Malathion, Mecarbam, Mefenpyr-diethyl, Mepronil, Metalaxyl, Metazachlor, Methacrifos, Metolachlor, Metribuzin, Myclobutanil, Nuarimol, Oxadiazon, Oxadixyl, Pebulate, Penconazole, Pendimethalin, Permethrin, Phenthoate, Phorate, Phorate sulfone, Picoxystrobin, Piperonyl butoxide, Pirimiphos-ethyl, Pirimiphos-methyl, Procymidone, Profenofos, Prometryn, Propachlor, Propazine, Propetamphos, Propiconazole, Propyzamide, Prosulfocarb, Prothioconazole-Desthio, Pymetrozine, Pyraflufen-ethyl, Pyridaben, Pyrimethanil, Pyriproxyfen, Quizalofop-ethyl, Sulfotep, Sulprofos, Tefluthrin, Terbufos, Terbumeton, Terbutryn, Tetramethrin, Transfluthrin, Triazophos, Triticonazole, Vinclozolin			
Milk and milk products (continued)	<b>3.</b> Determination of <b>12</b> pesticides residue (Single Residue Method)  Chlorate, Chlormequat, Ethepon, Ethylene Thiouria (ETU), Fosetyl-Al, Maleic Hydrazine, Matrine, Mepiquat, oxy-Matrine, Perchlorate, Phosphonic acid, Propylene Thiouria (PTU)	11.4.2022	11.4.2022	O.05.107 Modified method LC-MS/MS based on:  1. EURL-SRM, Quick Method for the Analysis of numerous Highly Polar Pesticides in Foods of Plant Origin via LC-MS/MS involving Simultaneous Extraction with Methanol (QuPPE-Method)  2. SANTE/ Lat. Ed. of the European Commission
6. Food of animal origin  b) Seafood	<b>4.</b> Determination of <b>21</b> pesticides residues:  Aldrin, BHC-alpha (benzene hexachloride), BHC-beta, BHC-delta, BHC-gamma (Lindane, gamma HCH), Chlordane-cis, Chlordane-trans, DDD-p,p', DDE-p,p', DDT-o,p', DDT-p,p', Dieldrin, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Hexachlorobenzene, Isodrin	19.08.2022	19.08.2022	O.05.109 Modified method GC-MS/MS based on:  1. EN 15662:2018  2. SANTE/ Lat. Ed. of the European Commission
7. Plant Leaves  (eg. Vine leaves, olive tree leaves etc.)	1. Determination of <b>301</b> pesticide residues:  2.3.5-Trimethacarb, 2.4.6-Trichlorophenol, 2.6-Dichlorobenzonitrile (Dichlobenil), 4.4'-Dichlorobenzophenone, Acibenzolar-S-methyl, Aclonifen, Acrinathrin, Alachlor, Aldrin, Ametryn, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azinphos-	18/07/2019	18/07/2019	O.05.49 Modified method GC-MS/MS based on:  1. EN 15662:2018  2. SANTE/ Lat. Ed. of the European Commission

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Plant Leaves (continued)	ethyl, Benalaxyl, Bendiocarb, Benfluralin, Benthiavalicarb-isopropyl, BHC-alpha (benzene hexachloride), BHC-beta, BHC-delta, BHC-gamma (Lindane. gamma HCH), Bifenox, Bifenthrin, Biphenyl, Bitertanol [Sum of Isomers], Boscalid, Bromacil, Bromobutide, Bromocyclen, Bromophos, Bromophos-ethyl, Bromopropylate, Bromuconazole [Sum of Isomers], Bupirimate, Buprofezin, Butafenacil, Butralin, Cadusafos, Carbofuran, Carbophenothion, Carbophenothion-Methyl, Carboxin, Chlorbenside, Chlordane-cis, Chlordane-oxy, Chlordane-trans, Chlorfenapyr, Chlorfenprop-methyl, Chlorfenson [Sum of Isomers], Chlorfenvinphos, Chlormephos, Chlorobenzilate, Chloroneb, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthion, Chlozolate, cis-1.2.3.6-Tetrahydrophthalimide (THPI), Clomazone, Cloquintocet-mexyl, Coumaphos, Cyanofenphos, Cyanophos, Cycloate, Cyflufenamid, Cyfluthrin (Sum of Isomers or/andb-cyfluthrin), Cyhalothrin (Lambda), Cypermehrin (Sum of Isomers or/andacypermethrin), Cyproconazole, Cyprodinil, DCPA (Dacthal. Chlorthal-dimethyl), DDD-o.p', DDD-p.p', DDE-o.p', DDE-p.p', DDT-o.p', DDT-p.p', DEET, Deltamethrin, Demeton-O, Demeton-S-methyl, Demeton-S-methyl sulfon, Desmetryn, Diazinon, Dichlofenthion, Dichloran, Dichlorvos, Diclobutrazol, Dicofol, Dieldrin, Difenconazole [Sum of Isomers], Diflufenican, Dimethoate, Dimethomorph [Sum of Isomers], Diniconazole, Dinitramine, Dinobuton, Dioxabenzofos, Diphenamid, Diphenylamine, Dipropetryn, Disulfoton, Disulfoton-sulfoxide, Edifenphos, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, EPN, Epoxiconazole, EPTC, Esfenvalerate, Etaconazole [Sum of Isomers], Ethalfluralin, Ethion, Ethofenprox, Ethofumesate, Ethoprophos, Etoxazole, Etridiazole, Etrimfos, Fenamidone, Fenamiphos, Fenamiphos sulfone, Fenamiphos-sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenchlorphos oxon, Fenfluthrin, Fenitrothion, Fenpropathrin, Fenpropimorph, Fenson, Fenthion, Fenthion oxon sulfone, Fenthion sulfone, Fenthion sulfoxide, Fenvalerate, Fipronil, Fipronil sulfide, Fipronil sulfone, Fluchloralin, Flucythrinate [Sum of Isomers], Fludioxonil, Flufenacet, Flumetralin, Fluotrimazole, Fluquinconazole, Flurprimidol, Flusilazole, Flutolanil, Fluvalinate-tau [Sum of Isomers], Fosthiazate [Sum of Isomers], Furalaxyl, Halfenprox, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptenophos, Hexaconazole, Hexazinone, Indoxacarb, Iodofenphos, Iprobenfos, Isazofos, Isocarbophos, Isodrin, Isofenphos,			



Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Plant Leaves (continued)	Isofenphos-methyl, Isoprothiolane, Kresoxim-methyl, Leptophos, Malaaxon, Malathion, Mecarbam, Mefenpyr-diethyl, Mepanipyrim, Mepronil, Metalaxyl, Metazachlor, Metconazole, Methacrifos, Methamidophos, Methidathion, Methiocarb, Methoprotryne, Methoxychlor, Metolachlor, Metrafenone, Metribuzin, Mevinphos, Mirex, Myclobutanol, Napropamide, Nitalin, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Novaluron, Nuarimol, Octachlorodipropyl ether (S 421), Ofurace, Omethoate, o-Phenylphenol, Oxadiazon, Oxadixyl, Oxyfluorfen, Paclobutrazol, Paraoxon, Paraoxon-methyl, Parathion, Parathion-methyl, Pebulate, Penconazole, Pendimethalin, Pentachloroanisole, Pentachloronitrobenzene (Quintozene), Permethrin [Sum of Isomers], Phenothrin [Sum of Isomers], Phenthoate, Phorate, Phorate Sulfoxide, Phosalone, Phosmet, Phosmet oxon, Phosphamidon [Sum of Isomers], Picoxystrobin, Piperonyl butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Promecarb, Prometryn, Propachlor, Propanil, Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propyzamide, Prosulfocarb, Prothioconazole-Desthio, Prothiofos, Pymetrozine, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridaphenthion, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoxifen, Ronnel (Fenchlorphos), Silafluofen, Simazine, Spiromesifen, Spiroxamine [Sum of Isomers], Sulfotep, Sulprofos, Tebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbacil, Terbufos, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetramethrin [Sum of Isomers], Tetrasul, Tolclofos-methyl, Tralkoxydim, Transfluthrin, Triadimefon, Triadimenol [Sum of Isomers], Triallate, Triazophos, Trichloronat, Trifluralin, Triticonazole, Uniconazole, Vamidothion, Vinclozolin, Zoxamide			
Plant Leaves (continued)	2. Determination of <b>562</b> pesticide residues:  2.3.5-Trimethacarb, 2.6-Dichlorobenzamide, Acetamiprid, Acetochlor, Acibenzolar-S-Methyl, Aclonifen, Alachlor, Albendazole, Aldicarb, Allethrin [Sum of Isomers], Allidochlor, Ametoctradin, Ametryn, Amicarbazone, Aminocarb (Metacil), Amisulbrom, Ancymidol, Anilofos, Asana (Esfenvalerate), Aspon, Atraton, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, AvermectinB1a (Abamectin), Azaconazole [Sum of Isomers], Azadirachtin, Azamethiphos, Azinphos-ethyl, Azinphos-methyl (Guthion), Aziprotryne, Azoxystrobin, Barban (endo) (isomerA), Bflubutamid, Benalaxyl, Benazolin-ethyl	18/07/2019	18/07/2019	O.05.49 Modified method LC-QTOF based on:  1. EN 15662:2018  2. SANTE/ Lat. Ed. of the European Commission

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Plant Leaves (continued)	ester, Bendiocarb, Benodanil, Benomyl (expressed Carbendazim), Benoxacor, Bensulfuron-methyl, Bensulide, Benthiavalicarb-isopropyl, Benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18) & Didecyltrimethylammonium chloride (DDAC, alkyl-quaternary ammonium salts with alkyl chain lengths of C8, C10 and C12), Benzoximate, Benzoylprop-ethyl, Benzthiazuron, Bifenazate, Bifenox, Bifenthrin, Bitertanol, Bixafen, Boscalid, Bromacil, Bromfeninfos, Bromobutide, Bromophos-ethyl, Bromuconazole [Sum of Isomers], BTS 44595 (metabolite prochloraz), BTS 44596 (metabolite prochloraz), Bupirimate, Buprofezin, Butachlor, Butafenacil, Butamifos, Butocarboxim, Butralin, Buturon, Butylate, Cadusafos, Captafol, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-keto-, Carbofuran-3-hydroxy, Carbophenothion, Carboxin, Carfentrazone-ethyl, Carpropamid, Chlorantraniliprole, Chlorbromuron, Chlorbufam, Chlordimeform, Chlorfenvinphos [Sum of Isomers], Chlorfluazuron, Chloridazone, Chlorophacinone, Chlorotoluron, Chloroxuron (Chloroxifenidim), Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthiophos, Chromafenozide, Cinidon-ethyl, Clethodim [Sum of Isomers], Climbazole, Clofentezine, Clomazone (Command), Cloquintocet-1-methyl-hexyl ester, Clothianidin, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanazine, Cyanofenphos, Cyanophos, Cyantraniliprole, Cyazofamid, Cycloate, Cycloheximide [Sum of Isomers], Cycloxydim [Sum of Isomers], Cycluron, Cyflufenamid, Cyflumetofen, Cyfluthrin [Sum of Isomers], Cyhalofop butyl, Cyhalothrin (lambda-), Cymiazole, Cymoxanil, Cypermethrin [Sum of Isomers], Cyprazin, Cyproconazole [Sum of Isomers], Cyprodinil, Cythioate, DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methylsulfone, Demeton-S-methylsulfoxid (Oxydemeton-methyl), Desmedipham, Desmetryn, Diafenthiuron, Dialifos, Diazinon, Dichlofenthion, Dichlormid, Dichlorvos, Diclobutrazol [Sum of Isomers], Dicofol, Dicrotophos, Diethofencarb, Difenconazole [Sum of Isomers], Difenoxuron, Diflubenzuron, Diflufenican, Dimefox, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph [Sum of Isomers], Dimethylvinphos, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dioxathion, Diphacinone, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxid, Ditalimfos, Dithiopyr, Diuron, DMSA, Dodemorph			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Plant Leaves (continued)	[Sum of Isomers], Drazoxolon, Edifenphos, Emamectin, EPN, Epoxiconazole, EPTC, Etaconazole [Sum of Isomers], Ethiofencarb, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Ethoxyquin, Etobenzanid, Etofenprox, Etoxazole, Etrimfos, Famoxadone, Famphur, Fenamidone, Fenamiphos, Fenamiphos-sulfone, Fenamiphos-sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenbutatin Oxide, Fenclorazol ethyl, Fenfuram, Fenhexamid, Fenitrothion, Fenobucarb, Fenoxanil [Sum of Isomers], Fenoxycarb, Fencpiclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fenson, Fensulfothion, Fenthion, Fenthion-oxon-sulfone, Fenthion-sulfon, Fenthion-sulfoxide, Fenuron, Fenvalerate, Fipronil, Fipronil-sulfide, Fipronil-sulfone, Flamprop-isopropyl, Flonicamid, Fluazuron, Flubendiamide, Flucythrinate, Fludioxonil, Flufenacet, Flufenoxuron, Flumioxazin, Fluometuron, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluoxastrobin, Flupyradifurone, Fluquinconazole, Fluridone, Flurochloridone, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fluvalinate (tau-), Fluxapyroxad, Fonofos, Forchlorfenuron, Formothion, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Furmecyclox, Halfenprox, Heptenophos, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Icaridin, Imazalil, Imazamethabenz-methyl, Imibenconazole, Imidacloprid, Imiprothrin, Inabenfide, Indoxacarb, Iodofenphos (Jodfenphos), Ipconazole, Iprobenfos, Iprodione, Iprovalicarb [Sum of Isomers], Isazophos, Isocarbamid (Azolamide), Isocarbophos, Isofenphos, Isofenphos-methyl, Isoprocarb, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Ivermectin, Kresoxim-methyl, Lactofen, Lenacil, Leptophos, Linuron, Lufenuron, Malaixon, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mepanipyrim, Mephosfolan, Mepronil, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos [Sum of Isomers], Methamidophos, Methfuroxam, Methidathion, Methiocarb (Mercaptodimethur), Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methoprene [Sum of Isomers], Methoprotryne, Methothrin, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metoxuron, Metrafenone, Metribuzin, Mevinphos [Sum of Isomers], Mexacarbate, Monalide [Sum of Isomers], Monocrotophos, Monolinuron,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Plant Leaves (continued)	<p>Monuron, Myclobutanil, N,N-dimethylaminosulfanilid (DMSA) - (degr. Diclufluanid), N,N-Dimethyl-N'-p-tolylsulfamide (DMST. metabolite tolylfluanid), N-2-4-Dimethylphenylformamide (DMF. Metabolite Amitraz), Naphthalene acetamide, Napropamide, Neburon, Nitenpyram, Nitralin [Sum of Isomers], Norflurazon, Novaluron, N-Phenylurea, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl, Oxadiazon, Oxadixyl, Oxamyl oxime, Oxfendazole, Oxycarboxin, Oxydemeton Methyl Sulfone, Oxyfluorfen, Paclobutrazole, Paraoxon, Paraoxon-methyl, Parathion, Parathion-methyl, Pebulate, Penconazole, Pencycuron, Pendimethalin, Penflufen, Penfluron, Pentanochlor, Penthiopyrad, Permethrin [Sum of Isomers], Pethoxamid, Phenmedipham, Phenothrin [Sum of Isomers], Phenthoate, Phorate, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon, Phosphamidon (Dimecron) [Sum of Isomers], Phoxim, Picolinafen, Picoxystrobin, Pinoxaden, Piperonylbutoxide, Piperophos, Pirimicarb, Pirimicarb Desmethyl, Pirimicarb Desmethyl formamido-, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Procymidone, Profenophos, Profoxydim [Sum of Isomers], Promecarb, Prometon, Prometryn (Caparol), Propachlor, Propanil, Propargite, Propazine, Propetamphos, Propham, Propiconazole [Sum of Isomers], Propoxur, Propyzamide (Pronamide), Proquinazid, Prosulfocarb, Prothioconazole desthio, Prothiofos, Pyracarbolid, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyrazoxyfen, Pyributicarb, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox [Sum of Isomers], Pyrifitalid, Pyrimethanil, Pyrimidifen, Pyriminobacmethyl, Pyriofenone, Pyriproxifen, Pyroquilon, Quinalphos, Quinoxiphen, Rabenzazole, Resmethrin [Sum of Isomers], Rotenone, Sebuthylazine, Secbumeton, Sethoxydim [Sum of Isomers], Siduron [Sum of Isomers], Silafluofen, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram J, Spinetoram L, Spinosad A (Spinosyn A), Spinosad D, Spirodiclofen, Spiromesifen, Spirotetramate, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Spiroxamine [Sum of Isomers], Sulfentrazone, Sulfotepp, Sulfoxaflor, Sulprofos (Bolstar), TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Teflubenzuron, Tefluthrin, Temephos, TEPP, Tepraloxymid [Sum of Isomers], Terbacil, Terbufossulfone, Terbufos-sulfoxid, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos (Stirofos), Tetraconazole, Tetramethrin [Sum of Isomers],</p>			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
	<p>Thenylchlor, Thiabendazole, Thiachloprid, Thiamethoxam, Thiazafurion, Thiazopyr, Thidiazuron, Thiobencarb, Thiodicarb, Thiofanox, Thiofanox sulfone, Thiofanox sulfoxide, thiometon sulfone, Thionazin (Zinophos), Thiophanate-methyl, Thiophanat-ethyl, Tokuthion (Prothiophos), Tolclofos-methyl, Tolfenpyrad, Tralkoxydim [Sum of Isomers], Triadimefon, Triadimenol [Sum of Isomers], Triallate, Triasulfuron, Triazophos, Tribenuron methyl, Tribufos (Merphos oxide. DEF), Trichlorfon (Dylox), Tricyclazole, Tridemorph [Sum of Isomers], Trietazine, Trifloxystrobin, Triflumizol, Triflumuron, Triforine [Sum of Isomers], Trinexapac-ethyl, Triticonazole, Tritosulfuron, Uniconazole, Vamidothion, vamidothion sulfone, Vamidothion sulfoxide, Vernolate, Warfarin, XMC II (Group of peaks), XMC IV (Group of peaks), Zoxamide</p>			
<p>8. High sugar content products</p> <p>Honey, raisins, dried fruits [e.g. apricots, plums, figs], fruit jams</p>	<p><b>1.</b> Determination of <b>594</b> pesticides residues:</p> <p>2.4 Dimethylphenyl-N-methylformamidine (metabolite Amitraz), Acephate, Acequinocyl, Acetamidrid, Acetamidrid-N-Desmethyl, Acetochlor, Acibenzolar-S-Methyl, Aclonifen, Alachlor, Alanycarb, Albendazole, Aldicarb, Aldicarb-sulfone (Aldoxycarb), Aldicarb-sulfoxide, Allethrin II, Allidochlor, Ametocradin, Ametryn, Amicarbazone, Aminocarb (Metacil), Amitraz metabolite BTS 27271, Ancymidol, Anilofos, Aspon, Atraton, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, AvermectinB1a (Abamectin), Azaconazole, Azadirachtin, Azamethiphos, Azimsulfuron, Azinphos-ethyl, Azinphos-methyl (Guthion), Aziprotryne, Azoxystrobin, BAC 10, BAC 12, BAC 14, BAC 16, BAC 18, BAC 8, Barban, Beflubutamid, Benalaxyl, Benazolin-ethyl ester, Bendiocarb, Benfuracarb, Benodanil, Benoxacor, Bensulfuron-methyl, Bensulide, Bentazone, Benthiavalicarb-isopropyl, Benzoximate, Benzoylprop-ethyl, Benzthiazuron, Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate), Bifenox, Bifenthrin, Bitertanol, Bixafen, Boscalid, Bromacil, Bromadiolone, Bromfenvinfos, Bromobutide, Bromophos-ethyl, Bromuconazole, Bupirimate, Buprofezin, Butachlor, Butafenacil, Butamifos, Butocarboxim-sulfoxid, Butralin, Buturon, Butylate, Cadusafos, Cambendazole, Captafol, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-keto-, Carbofuran-3-hydroxy, Carbophenothion, Carboxin, Carfentrazone-ethyl, Carpropamid, Chlorantraniliprole, Chlorbromuron, Chlorbufam, Chlordimeform, Chlorfenvinphos,</p>	11.06.2020	11.06.2020	<p>O.05.041 Modified method LC-qTOF based on:</p> <p>1. EN 15662:2018</p> <p>2. SANTE/ Lat. Ed. of the European Commission</p>

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
High sugar content products (continued)	Chlorfluazuron, Chloridazone, Chlorophacinone, Chlorotoluron, Chloroxuron (Chloroxifenidim), Chlorpropham, Chlorpyriphos, Chlorpyriphos-methyl, Chlorsulfuron, Chlorthion, Chlorthiophos, Chlozolate, Chromafenozide, Cinidon-ethyl, Clethodim, Climbazole, Clodinafop-propargyl, Clofentezine, Clomazone, Clothiandin, Coumachlor, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanazine, Cyanofenphos, Cyanophos, Cyantraniliprole, Cyazofamid, Cycloate, Cycloheximide, Cycloxydim, Cycluron, Cyflufenamid, Cyflumetofen, Cyhalofop butyl, Cyhalothrin (lambda-), Cymiazole, Cymoxanil, Cypermethrin (sum of isomers), Cyprazin, Cyproconazole, Cyprodinil, Cythioate, DDAC-C10, DDAC-C12, DDAC-C8, DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methyl, Demeton-S-methylsulfone, Demeton-S-methylsulfoxid (Oxydemeton-methyl), Desmedipham, Desmetryn, Diafenthion, Dialifos, Diazinon, Dichlofenthion, Dichlofluanid, Dichlormid, Dichlorobenzamide, Dichlorvos, Diclobutrazol, Diclofop-methyl, Dicofof, Dicrotophos, Diethofencarb, Difenacoum, Difenoconazole, Difenoxuron, Diflubenzuron, Diflufenican, Dimefox, Dimefuron, Dimethachlor, Dimethenamid, Dimethipin, Dimethirimol, Dimethoate, Dimethomorph, Dimethylvinphos, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxacarb, Dioxathion, Diphacinone, Diphenamid, Dipropetryn, Disulfiram, Disulfoton-sulfone, Disulfoton-sulfoxid, Ditalimfos, Dithiopyr, Diuron, DMSA, Dodemorph, Dodine, Drazoxolon, Edifenphos, Emamectin B1a, EPN, Epoxiconazole, Etaconazole, Ethiofencarb, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Ethoprop, Etobenzanid, Etofenprox, Etoxazole, Etrimfos, Famoxadone, Famphur, Fenamidone, Fenamiphos, Fenamiphos - sulfone, Fenamiphos sulfoxide, Fenarimol, Fenazaquin, Fenbuconazole, Fenbutatin Oxide, Fenclorazol ethyl, Fenfuram, Fenhexamid, Fenitrothion, Fenobucarb, Fenoxanil, Fenoxaprop-ethyl, Fenoxycarb, Fenpiclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fenson, Fensulfothion, Fensulfothion-oxon, Fensulfothion-sulfon, Fenthion, Fenthion-oxon, Fenthion-oxonsulfone, Fenthion-oxonsulfoxide, Fenthion-sulfon, Fenthion-sulfoxide, Fenuron, Fenvalerate, Fipronil, Fipronil-Desulfinyl, Fipronil-sulfide, Fipronilsulfone, Flamprop-isopropyl, Flonicamid, Florasulam, Fluazifop-P-butyl, Fluazuron, Flubendiamide, Flucythrinate, Fludioxonil, Flufenacet, Flufenoxuron, Flumetsulam,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
High sugar content products (continued)	Flumioxazin, Fluometuron, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluoxastrobin, Flupyradifurone, Fluquinconazole, Fluridone, Flurochloridone, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fluvalinate (tau-), Fluxapyroxad, Fomesafen, Fonofos, Forchlorfenuron, Formetanate, Formothion, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Furmecyclox, Halfenprox, Halofenozide, Halosulfuron-methyl, Haloxyfop-ethoxyethyl, Haloxyfop-methyl, Heptenophos, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Icaridin, Imazalil, Imazamethabenz-methyl, Imazamox, Imazapic, Imazapyr, Imazaquin, Imazethapyr, Imibenconazole, Imidacloprid, Imiprothrin, Inabenfide, Indoxacarb, Iodofenfos (Jodfenfos), Ipconazole, Iprobenfos, Iprodione, Iprovalicarb, Isazophos, Isocarbamid (Azolamide), Isocarbophos, Isofenfos, Isofenfos-methyl, Isoprocarb, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Ivermectin, Kresoxim-methyl, Lactofen, Lenacil, Leptophos, Linuron, Lufenuron, Malaixon, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mefluidide, Mepanipyrim, Mephosfolan, Mepronil, Mesosulfuron-methyl, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos, Methamidophos, Methfuroxam, Methidathion, Methiocarb (Mercaptodimethur), Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methomyl oxime, Methoprene, Methoprotryne, Methothrin, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metominostrobin, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-methyl, Mevinphos, Mexacarbate, Molinate, Monalide, Monocrotophos, Monolinuron, Monuron, Myclobutanil, N,N-dimethylaminosulfanilid (DMSA) - (degr. Diclufluanid), N,N-Dimethyl-N'-p-tolylsulphamide (DMST. metabolite tolylfluanid), Naled, Naphthalene acetamide, Napropamide, Neburon, Nitenpyram, Nitralin, Norflurazon, Novaluron, N-Phenylurea, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl, Oxadiazon, Oxadixyl, Oxamyl, Oxamyl oxime, Oxfendazole, Oxycarboxin, Oxydemeton Methyl Sulfone, Oxyfluorfen, Paclobutrazole, Paraoxon, Paraoxon-methyl, Parathion, Pebulate, Penconazole, Pencycuron, Pendimethalin, Penflufen, Penfluron, Penoxsulam, Pentanochlor, Penthiopyrad, Permethrin, Pethoxamid, Phenmedipham, Phenothrin, Phenthoate, Phorate, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
High sugar content products (continued)	Phosphamidon (Dimecron), Phoxim, Picolinafen, Picoxystrobin, Pinoxaden, Piperonylbutoxide, Piperophos, Pirimicarb, Pirimicarb Desmethyl, Pirimicarb Desmethylformamido-, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Prochloraz metabolite BTS 44595, Prochloraz metabolite BTS 44596, Procymidone, Profenophos, Profoxydim, Promecarb, Prometon, Prometryn (Caparol), Propachlor, Propamocarb, Propanil, Propaquizafop, Propargite, Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propoxycarbazone, Propyzamide (Pronamide), Proquinazid, Prosulfocarb, Prosulfuron, Prothioconazole desthio, Prothiofos, Pymetrozine, Pyracarbolid, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyributicarb, Pyridaben, Pyridalyl, Pyridaphenthion, Pyridate, Pyridate, degravation, Pyrifenox, Pyrifitalid, Pyrimethanil, Pyrimidifen, Pyriminobac-methyl, Pyriofenone, Pyriproxifen, Pyroquilon, Quinalphos, Quinoxiphen, Quizalofop-p-ethyl, Rabenzazole, Resmethrin, Rimsulfuron, Rotenone, Saflufenacil, Sebuthylazine, Secbumeton, Sethoxydim, Siduron, Silafluofen, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spinosad A, Spinosad D, Spirodiclofen, Spiromesifen, Spirotetramate, Spirotetramate-enol, Spirotetramate-enol-glucoside, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Spiroxamine, Sulfentrazone, Sulfotepp, Sulfoxaflor, Sulprofos (Bolstar), TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Teflubenzuron, Temephos, TEPP, Tepraloxymid, Terbacil, Terbufossulfone, Terbufos-sulfoxid, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos (Stirofos), Tetraconazole, Tetramethrin, Thenylchlor, Thiabendazole, Thiabendazole-5-hydroxy, Thiacloprid, Thiamethoxam, Thiazafurion, Thiazopyr, Thidiazuron, Thifensulfuron-methyl, Thiobencarb, Thiocyclam, Thiodicarb, Thiofanox sulfone, Thiofanox sulfoxide, Thionazin (Zinophos), Thiophanate-methyl, Thiophanate-ethyl, Tokuthion (Prothiophos), Tolclofos-methyl, Tolfenpyrad, Tolyfluanid, Tralkoxydim, Triadimefon, Triadimenol, Triallate, Triasulfuron, Triazophos, Tribenuron methyl, Tribufos (Merphos oxide. DEF), Trichlorfon (Dylox), Tricyclazole, Tridemorph, Trietazine, Trifloxystrobin, Trifloxysulfuron, Triflumizol, Triflumuron, Triforine, Trimethacarb (2.3.5-), Triticonazole, Uniconazole, Vamidothion, Vamidothion sulfoxide, Vemolate, Warfarin, XMC, Zoxamide			



Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
High sugar content products (continued)	2. Determination of <b>284</b> pesticides residues:  2-Phenylphenol, Aclonifen, Acrinathrin, Alachlor, Aldrin, Ametryn, Anthraquinone, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azinphos-ethyl, Azinphos-methyl, Benalaxyl, Bendiocarb, Benfluralin, Bentiavalicarb-isopropyl, BHC-alpha, BHC-beta, BHC-delta, BHC-gamma (Lindane), Bifenoxy, Bifenthrin, Biphenyl, Bromobutide, Bromocyclen, Bromophos, Bromophos-ethyl, Bromopropylate, Bromuconazole, Bupirimate, Buprofezin, Butafenacil, Butralin, Cadusafos, Carbofuran, Carbophenothion, Carbophenothion-Methyl, Carboxin, Chlorbenside, Chlordane-cis, Chlordane-oxy, Chlordane-trans, Chlorfenapyr, Chlorfenprop-methyl, Chlorfenson, Chlorfenvinphos, Chlormephos, Chlorobenzilate, Chloroneb, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorthion, Chlozolate, cis-1,2,3,6-Tetrahydrophthalimide (THPI), Clomazone, Cloquintocet-mexyl, Coumaphos, Cyanofenphos, Cyanophos, Cycloate, Cyflufenamid, Cyfluthrin (Sum of Isomers or/andb-cyfluthrin), Cyhalothrin (Lambda), Cypermethrin (Sum of Isomers or/andb-cypermethrin), Cyproconazole, Cyprodinil, DCPA (Dacthal, Chlorthal-dimethyl), DDD-o.p', DDD-p.p', DDE-o.p', DDE-p.p', DDT-o.p', DDT-p.p', DEET, Deltamethrin, Demeton-S-methyl, Desmetryn, Diazinon, Dichlofenthion, Dichlofluanid, Dichloran, Dichlorobenzonitrile, 2,6- (Dichlobenil), Dichlorobenzophenone, 4,4', Dichlorvos, Diclobutrazol, Diclofop-methyl, Dicofol, o.p', Dicofol, p.p', Dieldrin, Diflufenican, Dimethipin, Dimethoate, Diniconazole, Dinitramine, Dioxabenzofos, Diphenamid, Diphenylamine, Dipropetryn, Disulfoton, Disulfoton sulfone, Disulfoton-sulfoxide, Edifenphos, Endosulfan I (alpha isomer), Endosulfan II (beta isomer), Endosulfan sulfate, Endrin, Endrin ketone, EPN, Epoxiconazole, EPTC, Etaconazole, Ethalfluralin, Ethion, Ethofenprox, Ethofumesate, Ethoprophos, Ethoxyquin, Etoxazole, Etrimfos, Fenamidone, Fenazaquin, Fenchlorphos oxon, Fenfluthrin, Fenitrothion, Fenobucarb, Fenpropathrin, Fenpropimorph, Fenson, Fenthion, Fenthion oxon sulfone, Fenthion sulfone, Fenthion sulfoxide, Fenvalerate & Esfenvalerate, Fipronil sulfide, Fipronil sulfone, Fluchloralin, Flucythrinate, Flufenacet, Flumetralin, Fluotrimazole, Fluquinconazole, Flurprimidol, Flusilazole, Flutolanil, Fluvalinate-tau, Fonofos, Fosthiazate, Furalaxyl, Halfenprox, Heptachlor, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptenophos, Hexachlorobenzene, Hexaconazole, Hexazinone, Imazalil, Indoxacarb,	11.06.2020	11.06.2020	O.05.041 Modified method GC-MS/MS based on:  1. EN 15662:2018  2. SANTE/ Lat. Ed. of the European Commission
High sugar content products (continued)				

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
High sugar content products (continued)	<p>Iodofenphos, Iprobenfos, Isazofos, Isocarbophos, Isodrin, Isofenphos, Isofenphos-methyl, Kresoxim-methyl, Leptophos, Malaaxon, Malathion, Mefenpyr-diethyl, Mepanipyrim, Mepronil, Metalaxyl, Metazachlor, Methacrifos, Methamidophos, Methidathion, Methiocarb, Methoprotryne, Metolachlor, Metrafenone, Metribuzin, Mevinphos, Mirex, Myclobutanil, Napropamide, Nitralin, Nitrofen, Nitrothal-isopropyl, Nuarimol, Ofurace, Omethoate, Oxadiazon, Oxadixyl, Oxyfluorfen, Paclobutrazol, Paraoxon, Paraoxon-methyl, Parathion, Parathion-methyl, Pebulate, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachloronitrobenzene (Quintozene), Permethrin, Phenothrin, Phenthoate, Phorate, Phorate sulfone, Phorate Sulfoxide, Phosalone, Phosmet, Phosphamidon, Phthalimide, Picoxystrobin, Piperonyl butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Promecarb, Prometryn, Propachlor, Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propyzamide, Prosulfocarb, Prothioconazole-Desthio, Prothiofos, Pymetrozine, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridaphenthion, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoclamine, Quinoxifen, Quizalofop-ethyl, Resmethrin, Ronnel (Fenchlorphos), Silafluofen, Simazine, Spiromesifen, Sulfotep, Sulprofos, Tebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbufos, Terbumeton, Terbutylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetramethrin, Tetrasul, Tolclofos-methyl, Tolyfluanid, Tralkoxydim, Transfluthrin, Triadimefon, Triadimenol, Triallate, Triazophos, Trichloronat, Trichlorophenol, 2.4.6-, Tricyclazole, Trifluralin, Trimethacarb, 2.3.5-, Uniconazole, Vamidothion, Vinclozolin</p>			
	<p>3. Determination of <b>12</b> pesticides residue (Single Residue Method)</p> <p>Chlorate, Chlormequat, Ethepon, Ethylene Thiouria (ETU), Fosetyl-Al, Maleic Hydrazine, Matrine, Mepiquat, oxy-Matrine, Perchlorate, Phosphonic acid, Propylene Thiouria (PTU)</p>	28.09.2023	28.09.2023	<p>O.05.107 – Internal method LC-MS/MS based on:</p> <p>1 EURL-SRM, Quick Method for the Analysis of numerous Highly Polar Pesticides in Foods of Plant Origin via LC-MS/MS involving Simultaneous Extraction with Methanol (QuPPE-Method)</p> <p>2. SANTE/ Lat. Ed. of the European Commission</p>
<p>9. Food</p> <p>- Herbal decoctions (dried product)</p> <p>- Dried herbs</p> <p>- Tea</p>	<p>Determination of <b>Pyrrolizidine alkaloids</b> (35 compounds)</p> <ul style="list-style-type: none"> <li>- Echimidin</li> <li>- Echimidin-N-oxide</li> <li>- Echinatine</li> <li>- Echinatine-N-oxide</li> </ul>	13/03/2024	13/03/2024	<p>O.05.110 Internal method LC-MS/MS based on:</p> <p>1. BfR PA+TA-Mehl 2.0/2018</p> <p>Determination of pyrrolizidine alkaloids (PA)</p>

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
<ul style="list-style-type: none"> <li>- Herbs</li> <li>- Spices</li> </ul>	<ul style="list-style-type: none"> <li>- Europine</li> <li>- Europine-N-oxide</li> <li>- Heliosupine</li> <li>- Heliosupine-N-oxide</li> <li>- Heliotrine</li> <li>- Heliotrine-N-oxide</li> <li>- Indicine</li> <li>- Indicine-N-oxide</li> <li>- Integerrimine</li> <li>- Integerrimine-N-oxide</li> <li>- Intermedine</li> <li>- Intermedine-N-oxide</li> <li>- Lasiocarpine</li> <li>- Lasiocarpine-N-oxide</li> <li>- Lycopsamine</li> <li>- Lycopsamine-N-oxide</li> <li>- Retrorsine</li> <li>- Retrorsine-N-oxide</li> <li>- Rinderine</li> <li>- Rinderine-N-oxide</li> <li>- Senecionine</li> <li>- Senecionine-N-oxide</li> <li>- Seneciophylline</li> <li>- Seneciophylline-N-oxide</li> <li>- Senecivernine</li> <li>- Senecivernine-N-oxide</li> <li>- Senkirkine</li> <li>- Usaramine</li> <li>- Usaramine-N-oxide</li> <li>- Spartioidine</li> <li>- Spartioidine-N-oxide</li> </ul>			<p>and tropane alkaloids (TA) in spices, tea and herbal decoctions by LC-MS/MS.</p> <p>Tropane alkaloids (TA) in Flour</p> <p>2. Commission regulation (EU) 2023/915 on maximum level for certain contaminants in food</p> <p>3. Commission Implementing Regulation (EU) 2023/2783 (dried product)</p>
<p>10. Food</p> <ul style="list-style-type: none"> <li>- Herbal decoctions (dried product)</li> <li>- Dried herbs</li> <li>- Tea</li> <li>- Herbs</li> <li>- Spices</li> <li>- Cereals and products cereal milling (processed and unprocessed)</li> </ul>	<p><b>Determination of Tropane Alkaloids (6 compounds)</b></p> <ul style="list-style-type: none"> <li>- Anisodamine</li> <li>- Anisodine</li> <li>- Atropine</li> <li>- Atropine-N-oxide</li> <li>- Scopolamine</li> <li>- Scopolamine-N-oxide</li> </ul>	13/03/2024	13/03/2024	<p>O.05.110 Internal method LC-MS/MS based on:</p> <p>1. BfR PA+TA-Mehl 2.0/2018</p> <p>Determination of pyrrolizidine alkaloids (PA) and tropane alkaloids (TA) in spices, tea and herbal decoctions by LC-MS/MS.</p> <p>Tropane alkaloids (TA) in Flour</p> <p>2. Commission regulation (EU) 2023/915 on maximum level for certain contaminants in food</p> <p>3. Commission Implementing Regulation (EU) 2023/2783 (dried product- herbal decoctions)</p>