LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

FACILITY: THESSALONIKI

LABORATORY: FOOD NUTRITIONAL VALUE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
1. Flour, biscuits, macaroni and relevant products	1. Determination of Moisture	15/09/2004	11/03/2015	O.B.01.101 Modified method based on 925.10 (Flour and relevant products, bread, biscuits), 926.07 (macaroni) (AOAC Latest Edition)
	2. Determination of Ash	15/09/2004	11/03/2015	O.B.01.102 Modified method based on 923.03 (Flour and relevant products, biscuits), 925.11 (macaroni), 930.22 (bread) (AOAC Latest Edition)
	3. Determination of Fat Content	15/09/2004	11/03/2015	O.B.01.104 Modified method based on 922.06 (Flour and relevant products), 935.38 (bread), 925.12 (macaroni and relevant), 945.44 (biscuits and relevant baked) (AOAC Latest Edition)
	4. Determination of Proteins	15/09/2004	11/03/2015	O.B.01.103 Modified method based on 920.87 (AOAC Latest Edition)
	5. Determination of Dietary Fibres	15/09/2004	11/03/2015	O.B.01.105 Modified method based on 985.29 (AOAC Latest Edition)
2. Milk, Cheese	1. Determination of Ash	15/09/2004	11/03/2015	O.B.01.108 Modified method based on 945.46 (milk and condensed milk), 935.42 (cheese) (AOAC Latest Edition)
	2. Determination of Total Solids - Moisture	15/09/2004	11/03/2015	O.B.01.107 Modified method based 925.23 (milk), 920.115 (condensed milk) (AOAC Latest Edition)
	3. Determination of Moisture	15/09/2004	11/03/2015	O.B.01.106 Modified method based on 948.12 (cheese) (AOAC Latest Edition)
	4. Determination of Protein	15/09/2004	11/03/2015	O.B.01.110 Modified method based on 991.20 (AOAC Latest Edition)
	5. Determination of Fat Content	15/09/2004	11/03/2015	O.B.01.109 Modified method based on 989.05 (milk and condensed milk) 933.05 (cheese) (AOAC Latest Edition)
3. Meat and Meat Products	1. Determination of Moisture	15/09/2004	11/03/2015	O.B.01.111 Modified method based on 950.46 (AOAC Latest Edition)
	2. Determination of Ash	15/09/2004	11/03/2015	O.B.01.112 Modified method based on 920.153 (AOAC Latest Edition)
	3. Determination of Fat Content	15/09/2004	11/03/2015	O.B.01.114 Modified method based on ISO 1443:1973
	4. Determination of Protein	15/09/2004	11/03/2015	O.B.01.113 Modified method based on 928.08 (AOAC Latest Edition)
	5. Determination of nitrate and nitrite salts (with Discrete analyzer)	08/11/2022	08/11/2022	O.07.155 - Internal Method with Discrete Analyzer AQ300 EPA-126-D Rev3

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
4. Fruits and vegetables	1. Determination of Ash	15/09/2004	11/03/2015	O.B.01.116 Modified method based on 930.05 (vegetables), 940.26 (fruits) (AOAC Latest Edition)
	2. Determination of Dietary Fibres	15/09/2004	11/03/2015	O.B.01.119 Modified method based on 985.29 (AOAC Latest Edition)
	3. Determination of Protein	15/09/2004	11/03/2015	O.B.01.117 Modified method based on 991.20 (AOAC Latest Edition)
5. Kiwi	1. Determination of Moisture / dry matter	9/9/2019	9/9/2019	O.B.01.151 Modified based on Greek Food Codex
	2. Determination of dry matter	24/9/2021	24/9/2021	O.B.01.151 Method based on OECD / Guidelines on Objective Tests to Determine Quality of Fruit and Vegetables, Dry and Dried Produce and Reg. (EC) 543/2011
6. Food (except baby food)	1. Determination of 7 metals using ICP-MS Sn, Cd, Ni, Co, Cr, As, Hg	30/06/2016	19/12/2019	OB.01.138 Modified method based on 2013.06 (AOAC Lat. Ed.), complying to the performance criteria of Regulation (EC) 333/2007 and modifications thereof
	2. Determination of **9** elements using ICP-MS Ca, Mg, K, Na, Cu, Fe, Zn, Mn, P	30/06/2016	19/12/2019	OB.01.138 Modified method based on 2013.06 (AOAC Lat. Ed.)
7. Food included Milk (except baby food)	Determination of Lead (Pb) using ICP-MS	30/06/2016	28/09/2023	OB.01.138 Modified method based on 2013.06 (AOAC Lat. Ed.)
8. Edible oils	Determination of 4 metals using ICP- MS: Pb, Cu, As, Fe	30/06/2016	19/12/2019	OB.01.138 Modified method based on 2013.06 (AOAC Lat. Ed.)
9. Food	1. Determination of Sorbic Acid	10/09/2012	11/03/2015	OB.01.134 Modified method based on ISO 22855:2008
	2. Determination of Benzoic Acid	10/09/2012	11/03/2015	OB.01.134 Modified method based on ISO 22855:2008
	3.a Determination of Sulfur Dioxide (SO_2), (HACH)	10/09/2012	11/03/2015	O.07.136 Modified method based on 990.28 (AOAC Latest Edition)
	3.b Determination of Sulfur Dioxide (SO_2) (with Discrete analyzer)	08/11/2022	08/11/2022	O.07.136 - Modified method based on AOAC 990.28 and with Discrete Analyzer D06736_06 insert
10. Cereals and their products, legumes and dry nuts	1. Determination of Moisture	18/05/2015	18/05/2015	O.B.01.140 Method based on ISO 712:2009 and ISO 24557
	2. Determination of Ash	18/05/2015	18/05/2015	O.B.01.141 Modified method based on ISO 2171:2007
	3. Determination of Fat Content	18/05/2015	18/05/2015	O.B.01.143 Modified method based on Regulation (EK) 152/2009
	4. Determination of Proteins	18/05/2015	31/08/2021	O.B.01.142 Method based on ISO 20483:2013
	5. Determination of Dietary Fibres	18/05/2015	18/05/2015	O.B.01.144 Modified method based on 985.29 (AOAC Latest Edition)

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Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
11. Yogurt, deserts and yogurt products	1. Determination of Total Solids - Moisture	24/07/2015	04/11/2015	O.B.01.145 Modified method based on ISO 13580
	2. Determination of Ash	24/07/2015	04/11/2015	O.B.01.146 Modified method based on 945.46 (AOAC Latest Edition)
	3. Determination of Proteins	24/07/2015	04/11/2015	O.B.01.148 Modified method based on 991.20 (AOAC Latest Edition)
	4. Determination of Fat Content	24/07/2015	04/11/2015	O.B.01.147 Modified method based on 989.05 (AOAC Latest Edition)
12. Fish and Fish Products	1. Determination of Moisture	16/07/2018	16/07/2018	OB.01.125 Modified method based on the Food and Drinks Code
	2. Determination of Ash	16/07/2018	16/07/2018	OB.01.126, Modified method based on 938.08 (AOAC Latest Edition)
	3. Determination of Proteins	16/07/2018	16/07/2018	OB.01.128, Modified method based on 940.25 (AOAC Latest Edition)
	4. Determination of Fat Content	16/07/2018	16/07/2018	OB.01.127, Modified method based on ISO 1443: 1973
13. Cereal, bakery products, yeast products and related products	1. Propionic acid	29/06/2020	29/06/2020	OB.01.152 (HPLC-DAD) Modified method based on Beuth 17.00 14
14. Cheese substitutes and their products for vegetarians (vegan)	1. Determination of Moisture	14/07/2021	14/07/2021	O.B.01.106 Modified method based on 948.12 (cheese) (AOAC Latest Edition)
	2. Determination of Ash	14/07/2021	14/07/2021	O.B.01.108 Modified method based on 935.42 (cheese), (AOAC Latest Edition)
	3. Determination of Proteins	14/07/2021	14/07/2021	O.B.01.110 Modified method based on 991.20 (AOAC Latest Edition)
	4. Determination of Fat Content	14/07/2021	14/07/2021	O.B.01.109 Modified method based on 933.05 (cheese) (AOAC Latest Edition)
15. Meat substitutes and their products for vegetarians (vegan)	1. Determination of Moisture	14/07/2021	14/07/2021	O.B.01.111 Modified method based on 950.46 (AOAC Latest Edition)
	2. Determination of Ash	14/07/2021	14/07/2021	O.B.01.112 Modified method based on 920.153 (AOAC Latest Edition)
	3. Determination of Proteins	14/07/2021	14/07/2021	O.B.01.113 Modified method based on 991.20 (AOAC Latest Edition)
	4. Determination of Fat Content	14/07/2021	14/07/2021	O.B.01.114 Modified method based on ISO 1443:1973
16. Animal feed	1. Determination of Moisture	31/08/2021	31/08/2021	O.B.01.120 Method based on ISO 6496:1999
	2. Determination of Ash	31/08/2021	31/08/2021	O.B.01.121 Method based on ISO 5984:2002
	3. Determination of Fat Content	31/08/2021	31/08/2021	O.B.01.123 Method based on ISO 6492:1999
	4. Determination of Proteins	31/08/2021	31/08/2021	O.B.01.122 Method based on ISO 5983-2:2009
	5. Determination of crude fiber	31/08/2021	31/08/2021	O.B.01.115 Method based on ISO 6865:2000
	6. Determination of 16 metals and elements using ICP-MS Pb, Cd, Ni, Co, Cr, As, Hg, Ca, Mg, K, Na, Cu, Fe, Zn, Mn, P	30/06/2016	19/12/2019	OB.01.138 Modified method based on 2013.06 (AOAC Lat. Ed.)

LABORATORY: QUALITY CONTROL OF PLANT PROTECTION PRODUCTS AND FERTILISERS

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
1. Liquid and solid formulations of plant protection products.	1. Quantitative determination of the active substances Acetamiprid and Dimethoate using HPLC	24/04/2019	24/04/2019	O.B.08.301 Modified method based on CIPAC L, 649/TC/M/2.1 (HPLC-DAD)
	2. Quantitative determination of the active substance Etofenprox using GC	24/04/2019	24/04/2019	O.B.08.302 Modified method based on CIPAC G, 471/TC/M/2.1 (GC-FID)

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

LABORATORY: FOOD CONTAMINANTS

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
1. Fruits and Vegetables with high water content (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)	1. Determination of **273** pesticide residues Abamectin, Acephate, Acetamiprid, Acibenzolar-S-methyl, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Ametryn, Atrazine, Azaconazole, Azamethiphos, Azinphos methyl, Azoxystrobin, Beflubutamid, Benalaxyl-M, Benthiavalicarb-isopropyl, Bitertanol*, Boscalid, Bromuconazole, Buprimate, Buprofezin*, Butocarboxim sulfoxide, Butralin, Carbaryl, Carbendazim, Carbofuran, Carbofuran 3hydroxy, Carbofuran 3-keto, Carfentrazone-ethyl, Carpropamid, Chlorantranilliprole, Chlorbomuron, Chloridazon, Chlormequat chloride, Chloprofam, Chlorpyrifos, Chlorpyrifos-methyl, Chlorsulfuron, Cinidon-ethyl, Clodinafop-propargyl, Clofentezine, Cloquintocet-mexyl, Cloransulam-methyl, Clotdianidin, Cyanazine, Cyazofamid, Cycloate, Cymoxanil, Cyproconazole, Cyprodinil, Demeton-S- methyl, Demeton-S- methyl sulfone, Desmedipham, Desmethryn, Diazinon, Dichlofluanid*, DMSA (degr. dichlofluanid), , Dichlorvos, Diclobutrazole, Diclosulam, Dicrotophos, Diethofencarb, Difenoconazole, Diflubenzuron, Dimethenamid, Dimethoate, Dimethomorph, Dimoxystrobin, Diniconazole, Diphenamid, Diuron, Dodemorph, Dodine, Emamection benzoate, Epoxiconazole, EPTC, Etaconazole, Ethiofencarb sulfone, Ethiofencarb sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Ethoprofos, Etofenprox, Etoxazole, Famoxadone, Fenamidone, Fenamiphos, Fenarimol, Fenazaquin, Fenbuconazole, Fenhexamid, Fenoxycarb, Fenoxyprop-P-ethyl, Fenpropimorph, Fenpropidin, Fenpyroximate, Fenthion, Fenthionoxon, Fenthionsulfoxide, Fenthoate, Fluazifop-P, Fluazifop-P-butyl, Fludioxonil, Flufenacet, Flufenoxuron, Flumioxazin, Fluoxastrobin, Flupicolid, Fluquinconazole, Fluroxypyr-methyl, Flusilazole, Flutolanil, Flutriafol, Forchlorfenuron, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Halofenozide, Haloxyfop, Haloxyfop-ethoxyethyl, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Imazalil, Imazamethabenz-methyl, Imazaquin, Imidacloprid, Indoxacarb, Iprovalicarb, Isoprocarb, Isoprothiolane, Isoproturon, Isoxaflutole, Isoxathion, Kresoxim-methyl, Lenacil, Linuron, Lufenuron, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mepanipyrim, Mephosfolan, Mepronil, Metabenzthiazuron, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methamidophos*,	01/05/2007	19/12/2019	OB.02.001 Modified method using **UPLC-MS/MS** based on: 1. Lehotay *et al*.: AOAC Vol.88, No.2, 2005 (Modified), 615-629 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
Fruits and Vegetables with high water content (continued)	Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methomyl, Methoprotryn, Methoxyfenozide, Metobromuron, Metolcarb, Metoxuron, Metribuzin, Mevinphos, Monocrotophos, Monolinuron, Myclobutanil, Napropamide, Neburon, Nicosulfuron, Nitenpyram, Norflurazon, Novularon, Nuarimol, Ofurace, Omethoate, Oxadixyl, Oxamyl, Oxamyl-oxime, Oxycarboxin, Oxydemeton-methyl, Paclobutrazole, Penconazole, Pencycuron, Pendimethalin, Penoxsulam, Pethoxamide, Phenmedipham, Phoratesulfoxide, Phosmet, Phosphamidon, Phosalone, Picolinafen, Picoxystrobin, Piperonylbutoxide, Pirimicarb, Pirimicarb desmethyl, Pirimicarb desmethyl formamido, Pirimiphos-methyl, Prochloraz, Profam, Profenofos, Promecarb, Prometryn, , Propargite, Propaquizafop, Propazine, Propiconazole, Propoxur, Propyzamide, Prosulfacarb, Pymetrozine, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridate, Pyridaphenthion, Pyridatedegradation, Pyrifenox, Pyrimethanil, Pyrimidifen, Pyriproxyfen, Quinoxyfen, Quizalofop-P-ethyl, Simazin, Simeconazole, Spinosad A*, Spinosad D*, Spirodiclofen, Spiroxamine, Spiromesifen, Sulfotep, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebuthiuron, Teflubenzuron, Terbumeton, Terbuthylazine, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thiodicarb*, Thiofanox sulfone, Thiofanox sulfoxide, Thiometone, Thiometon sulfone, Thiometon sulfoxide, Thiophanate-methyl, Tolclophos-methyl, Tolylfluanid*, DMST (degr. tolylfluanid), Triadimefon, Triadimenol, Triasulfuron, Triazophos, Trichlorfon, Tricyclazole, Trifloxystrobin, Triflumizole, Triflumuron, Triforine, Trimethacarb, Tritoconazole, Vamidothion, Vamidothion sulfoxide, Zoxamide **except cauliflower*			
Fruits and Vegetables with high water content (continued)	2. Determination of 318 pesticide residues 2.3.5-Trimethacarb, 2-Phenylphenol, 4,4'-Dichlorobenzophenon, Acetochlor, Acibenzolar-S-methyl Aclonifen, Acrinathrin, Alachlor, Aldrin, Alpha-HCH, Ametryn Anthraquinoe, Atrazine, Azoxystrobine, Benalaxyl, Benfluralin, Beta-HCH, Bifenazate, Bifenthrin, Biphenyl, Bitertanol, Boscalid, Bromocyclen, Bromophos methyl, Bromophos-ethyl, Bromopropylate Bromuconazole Bupirimate, Buprofezin, Butafenacil, Butralin, Cadusafos, Carbofuran, Carbophenothion, Carbophenothion methyl, Carboxin, Chionomethionat, Chlorantraniliprole, Chlorbensid, Chlorbufam, Chlordane cis, Chlordane trans, Chlorfenapyr Chlorfenprop Methyl, Chlorfenson, Chlormefos,	19/06/2018	19/12/2019	OB.02.001 Modified method using **GC-MS/MS** based on: 1. Lehotay *et al.*: AOAC Vol.88, No.2, 2005 (Modified), 615-629 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
Fruits and Vegetables with high water content (continued)	Chlorobenzilate, Chloroneb, Chlorothalonil, Chlorotoluron, Chlorpropham, Chlorpyrifos ethyl, Chlorpyrifos-methyl, Chlorthal-dimethyl, Chlorthion, Chlozolinate, Clethodim, Clodinafop-propargyl, Clofentezine, Clomazon, Cloquintocet-mexyl, Coumaphos, Cyanazine, Cyanofenphos, Cyanophos, Cycloate, Cyfluthrin, Cyhalofop-butyl, Cypermethrin, Cyproconazol, Cyprodinil, DDD 4,4, DDD-2.4, DDE 4,4, DDE-2.4, DDT 2,4, DDT 4,4, DEET, Deltamethrin, Demeton-O, Demeton-S, Demeton-S-methyl, Desmetryn, d-HCH, Diafentiuron, Diazinon, Dichlobenil, Dichlofenthion, Dichloran, Dichlorvos, Diclobutrazol, Diclofluanid, Diclofop Methyl, Dicofol, Dieldrin, Diethofencarb, Difenoconazol, Diflufenican, Dimethomorph, Diniconazole, Dinobuton, Dioxabenofos (Salithion), Diphenamid, Diphenyl sulfide, Diphenylamine, Dipropethrin, Disulfoton, Disulfoton sulfone, Disulfoton sulfoxide, Ditalimfos, Endosulfan a, Endosulfan b, Endrin , EPN, Epoxiconazole, EPTC, Esfenvalerate, Etaconazole, Ethafluralin, Ethion, Ethofumesate, Ethoprophos, Etofenprox, Etridiazole, Etrimfos, Famoxadone, Fenamidone, Fenamiphos, Fenarimol, Fenazaquin, Fenbuconazole, Fenchlorphos, Fenfluthrin, Fenhexamid Fenitrothion, Fenobucarb, Fenoxaprop P ethyl, Fenpiclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenson, Fensulfothion, Fenthion, Fenthoate, Fenvalerate, Fipronil, Fipronil-sulfon, Flonicamid, Fluazifop-butyl, Fluchloralin, Flucythrinate, Fludioxonil, Flufenacet, Flufenoxuron, Flumetralin, Fluopicolide, Fluopyram, Fluotrimazole, Fluquinconazole, Flurprimidol, Flusilazole, Flutolanil, Flutriafol, Fluvalinate-Tau, Fonofos, Formothion, Fuberidazole Furalaxyl, Halfenprox, Haloxyfop-2-ethoxyethyl, Heptachlor, Heptachlor epoxide cis, Heptachlor epoxide Trans, Heptenophos, Hexachlorobenzene, Hexaconazole, Hexazinone, Imazalil, Iprobenfos, Iprovalicarb, Isazophos, Isocarbophos, Isodrin, Isofenphos, Isofenphos-methyl, Isoprocarb, Isoprothiolane, Jodfenphos, Kresoxim Methyl, Lambda-Cyhalothrin, Lenacil, Leptophos, Lindane, Malathion, Mecarbam, Menfenpyr-diethyl, Mepanipyrim, Mepronil, Metalaxyl, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos, Methidathion, Methoprotryne, Methoxychlor, Metolachlor-S, Metrafenone, Metribuzin, Mevinphos, Mirex, Molinate, Myclobutanil, Naled, Napropamide, Nitralin, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Norfurazon, Nuarimol, Ofurace, Oxadiazon, Oxadixyl, Oxyfluorfen, Paclobutrazol, Parathion Ethyl, Parathion-methyl, Pebulate, Penconazol, Pencycuron, Pendimethalin, Pentachloraniline,			

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Fruits and Vegetables with high water content (continued)	Pentachloroanisole, Permethrin, Perthan, Phenkapton, Phenothrin, Phorate, Phosalone, Phthalimide (degr. Folpet), Picoxystrobin, Piperonylbutoxide, Pirimicarb, Pirimicarb desmethyl, Pirimicarb-desmethyl-for Pirimiphos Ethyl, Pirimiphos Methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Promecarb, Prometryn, Propachlor, Propanil, Propazine, Propetamphos, Propham, Propiconazol, Propoxur, Propyzamide, Prosulfocarb, Prothiocanazole desthio, Prothioconazole, Prothiofos, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoxyfen, Quintozene, Quizalofop-ethyl, Rotenone, S421, Silafluofen, Silthiopham, Simazine, Spiromesifen, Spiroxamine, Sulfotep, Sulprophos, Tebuconazole, Tebufenpyrad Tecnazene, Teflubenzuron, Tefluthrin, Terbacil, Terbufos,Terbufos sulfone, Terbufos sulfoxide, Terbumeton, Terbuthylazine, Terbutryn, Tetraconazole, Tetradifon, Tetrahydrophthalimide (degr. Captan), Tetramethrin, Tetrasul, Tolclofos Methyl, Transfluthrin, Triadimefon, Triadimenol, Triallate, Triazamate, Triazophos, Trichloranate, Trifloxystrobin, Trifluralin, Trinexapac-ethyl, Vinclozolin, Zoxamide.			
Fruits and Vegetables with high water content (continued)	3. Determination of 411 pesticide residues Acetamiprid, Acetochlor, Aclonifen, Albendazole, AllethrinII, Ametoctradin, Ametryn, Aminocarb, Ancymidol, Anilofos, Aspon, Atraton, Atrazine, Atrazine-desethylAzaconazole, Azamethiphos, Azinphos-ethyl, Aziprotryne, Azoxystrobin, Beflubutamid, Benalaxyl, Benalaxyl-M, Benazolin-ethylester, Bendiocarb, Benodanil, Benomyl, Benoxacor, Bensulide, Benthiavalicarb-isopropyl, Benzoximate , Benzoylprop-ethyl, Benzthiazuron, Bioallethrin, BispyribacNa, Bitertanol, Boscalid, Bromacil, Bromadiolone , Bromfenvinfos, Bromobutide, Bromuconazole, Bupirimate, Buprofezin , Butachlor, Butafenacil, Butamifos, Butralin, Buturon, Cadusafos, Cambendazole, Capropamide, Carbaryl, Carbendazim, ,Carbofuran, Carbofuran-3-hydroxy, Carbophenothion, Carboxin, Carfentrazone-ethyl, Chlorantraniliprole, Chlorbromuron, Chlorbufam ,Chlorfenvinphos , Chloridazone, Chlormequat, Chlorotoluron, Chloroxuron , Chlorpropham , Chlorpyriphos, Chlorpyriphos-methyl, Chlorthiophos, Chromafenozide , Cinidon-ethyl, Climbazole, Clofentezine, Clomazone , Cloquintocetmexyl, Clothiandin, Coumachlor, Coumaphos, Crufomate, Cyaniphos, Cyazofamid, Cycloxydim , Cycluron, Cyflufenamid, Cyprazin, Cyprodinil, Cythioate, DEET (Diethyltoluamide),	22/06/2016	19/12/2019	O.B.02.036 Modified method using **UPLC qTOF** based on: 1. Lehotay *et al*.: AOAC Vol.88, No.2, 2005 (Modified), 615-629 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
Fruits and Vegetables with high water content (continued)	Demeton-S-methylsulfone, Desmedipham, Desmetryn, Dialifos, Diazinon, Dichlofenthion, Diclobutrazol , Dicrotophos, Diethofencarb, Difenacoum , Difenoconazole , Difenoxuron, Difenzoquat , Diflubenzuron , Diflufenican, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph , Dimethylvinphos, Dimoxystrobin , Diniconazole, Dioxacarb, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxid, Dithiopyr, Diuron, Dodemorph, Dodine , Edifenphos, EPN, , Epoxiconazole, Etaconazole , Ethiofencarb, , Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Etobenzanid ,Etoxazole, Etrimfos, Famoxadone , Famphur, Fenamidone, Fenamiphos, Fenamiphos – sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole ,Fenclorazol ethyl, Fenfuram, Fenhexamid, Fenobucarb, FenoxanilFenoxaprop-P-ethyl, Fenoxycarb, Fenpiclonil, Fenpropidin ,Fenpropimorph, Fenpyrarazamine, Fenpyroximate, Fensulfothion, Fenthion, Fenthion-sulfon, Fenthion-sulfoxide, Fipronil , Flamprop-isopropyl, Flonicamid, Florasulam, Fluazifop-p, Fluazifop-P-butyl, Fluazuron, Flubendiamide , Fludioxonil , Flufenacet, Flumioxazin, Fluometuron, Fluopicolide, Fluopyram, Fluoroglycofen-ethyl , Fluoxastrobin, Fluquinconazole, Fluridone, Flurochloridone, Flurtamone, Flusilazole, Fluthiacet methyl, Flutolanil, Flutriafol, Fluxapyroxad, Foramsulfuron, Forchlorfenuron, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Griseofulvin, Halosulfuron methyl, Haloxyfop-ethoxyethyl, Haloxyfop-methyl, Heptenophos, Hexaconazole, Hexazinone, Hexythiazox, Imazamethabenz-methyl, Imibenconazole, Inabenfide, Indoxacarb, Iodosulfuron methyl, Ipconazole, Iprobenfos ,Iprovalicarb , Isazophos, Isocarbamid (Azolamide), Isocarbophos , Isofenphos , Isofenphos-methyl, Isoprocarb, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxathion, Kresoxim-methyl, Lactofen ,Lenacil, Linuron, Malaoxon, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mefluidide, Mepanipyrim, Mephosfolan, Mepronil, Mesosulfuron methyl, Metaflumizone, Metalaxyl, Metalaxyl-M, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methidathion, Methiocarb, Methoprotryn, Methoxyfenozide , Metobromuron, Metolachlor, Metosulam, Metrafenone, Metribuzin, Mexacarbate, Monalide , Monolinuron, Myclobutanil, N.N-Dimethyl-N'-p-tolylsulphamide (DMST), Napropamide, Neburon, Nicosulfuron, Norflurazon, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl , Oxadiazon, Oxadixyl, Oxfendazole, Oxycarboxin, Oxyfluorfen,,			

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Fruits and Vegetables with high water content (continued)	Paclobutrazole, Paraoxon, Paraoxon-methyl, Parathion, Pebulate, Penconazole, Pencycuron, Penflufen, Penfluron (Na), Penoxulam, Pentanochlor, Pethoxamid, Phenmedipham, Phorate-sulfone, Phorate-sulfoxide, Phosalone, Phosphamidon, Phoxim, Picolinafen, Picoxystrobin, Pinoxaden, Piperonylbutoxide , Piperophos, Pirimicarb Pirimicarb-desmethyl, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Prochloraz, Profenophos, Promecarb, Prometon, Prometryn , Propachlor, Propamocarb, Propanil, Propaquizafop, Propazine, Propetamphos , Propham , Propiconazole , Propoxycarbazone Na, Propyzamide , Proquinazid, Prosulfocarb, Prothioconazoledesthio, Pymetrozine, Pyracarbolid, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyrethrin I, Pyributicarb, , Pyridaben, Pyridaphenthion, Pyridate, , Pyrifenox, Pyriftalid, Pyrimethanil, Pyrimidifen, Pyriproxyfen, Pyroxsulam, Quinalphos, Quinoxyphen, quizalofop-P-tefuryl, Rabenzazole, Rimsulfuron, Rotenone, Secbumeton, Sethoxydim , Siduron , Silthiofam, Simeconazole, Simetryn, Spinetoram, Spinosad (Spinosyn A, Spinosyn D), Spirodiclofen, Spiromesifen, Spirotetramate, Spirotetramate-enol, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Spiroxamine, Sulfentrazone, Sulfotepp, Sulprofos, TCMTB, Tebuconazole, Tebufenozide , Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Temephos, TEPP, Tepraloxydim , Terbacil , Terbufo-ssulfone, Terbufos-sulfoxid, Terbumeton, Terbuthylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Thenylchlor, Thiamethoxam, Thiazafluron, Thiazopyr, Thifensulfuron-methyl, Thiobencarb, Thiodicarb, Thiofanox sulfone, Thiofanox sulfoxide, Thionazin, Tolclofos-methyl ,Tolfenpyrad, Tralkoxydim , Triallate, Triasulfuron, Triazophos, Tribufos ,Trichlorfon , Tricyclazole, Trietazine, Trifloxystrobin, , Trifloxysulfuron, Triflumizole , Triflusulfuron-methyl, Trimethacarb (2.3.5-), Trinexapac-ethyl, Triticonazole, Tritosulfuron, Vamidothion, Vernolate, Warfarin, Zoxamide, BAC 10, BAC 14 , BAC 16			
Fruits and Vegetables with high water content (continued)	4. Determination of 13 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)	07/06/2018	29/06/2020	OB.02.037 Modified method using **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) (Modified) 2. "Simultaneous Determination of Matrine and Berberine in Fruits, Vegetables, and Soil Using Ultra-Performance Liquid Chromatography/Tandem Mass

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
				Spectrometry", Liu et al.: Journal of AOAC International Vol. 97, No. 1, 2014 3. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	5. Determination of Dithiocarbamate (**CS2**) pesticide residues by GC-MS/MS	22/06/2021	22/06/2021	OB.02.022 Modified method using **GC-MS/MS**, based on: 1. "Analysis of dithiocarbamates residues in foods of plant origin involving cleavage into carbon disulfide, partitioning into isooctane", EURL Method 2. "Validation of a GC–MS method for the estimation of dithiocarbamate fungicide residues and safety evaluation of mancozeb in fruits and vegetables", Food Chemistry 150 (2014) 175–181 3. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	6. Determination of pesticide residues (Single residue method) Fenbutatin oxide	08/05/2016	19/12/2019	OB.02.034 Modified method using **LC-MS-MS,** based on: **1.** EURL-SRM, Analysis of Organotin-Pesticides by the QuEChERS Method – Impact of acidifying on the recoveries (Modified) 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	7. Determination of pesticide residues (Single residue method) Dithianon	08/05/2016	19/12/2019	OB.02.034 Modified method using **LC-MS-MS,** based on: 1. EURL-SRM, Analysis of Dithianon in Fruits and Vegetables using acidified QuEChERS and LC-MS/MS (Modified) 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	8. Determination of pesticide residues Phenoxyalkyl carboxylic acid (Single residue method) - 2.4-D - Bentazone - Bromoxynil - Ioxynil - MCPA	08/05/2016	19/12/2019	OB.02.034 Modified method using **LC-MS-MS,** based on: 1. EURL-SRM, Analysis of Acid Pesticides using QuEChERS and acidified QuEChERS method (Modified) 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	9. Determination 26 **acid** pesticides residues 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-P, Triclopyr, Trinexapac.	23/12/2020	23/12/2020	O.B.02.038 Modified method using **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

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Fruits and Vegetables with high water content (continued)	10. Determination of polar pesticides residues **Glyphosate** and **Glufosinate** including metabolites (Single residue method): - Glyphosate - AMPA - N-Acetyl-AMPA - Glufosinate - 3-[hydroxy(methyl)phosphinoyl] propionic acid (MPP) - N-Acetyl-Glufosinate (NAG)	21/04/2021	21/04/2021	OB.02.037 Modified method using **LC-MS/MS** based on : 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	11. Determination of polar pesticides residues – **Amino alcohols** (Single residue method): - Morpholine - Diethanolamine (DEA) - Triethanolamine (TEA)	21/04/2021	21/04/2021	OB.02.037 Modified method using **LC-DMS-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
Fruits and Vegetables with high water content (continued)	12. Determination of polar pesticides residues **Diquat** και **Paraquat** (Single residue method): - Diquat - Paraquat	22/06/2021	22/06/2021	OB.02.037 Modified method using **LC-DMS-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
Citrus fruits (Oranges, lemons, grapefruits, etc.)	13. Determination of pesticides residue Guazatine (guazatine acetate, sum of components) - (Single residue method): – Guazatine-GG-cation – Guazatine-GGG-cation – Guazatine-GGN-cation – Guazatine-GNG-cation	20/04/2022	20/04/2022	OB.02.034 Modified method using **LC-MS/MS** based on: 1. EURL-SRM-Analytical Observations Report : "Analysis of Guazatine in Food Products" 2. SANTE/ Lat. Ed. of the European Commission
2. Infant and baby foods	1. Determination of 200 pesticide residues 2,3,5-Trimethacarb, Abamectin, Acetamiprid, Acetochlor, Acibenzolar-S-methyl, Ametryn, Aminocarb, Amitraz metabolite BTS 27271, Atrazine, Azimsulfuron, Azinphos- ethyl, , Azinphos-methyl, Azoxystrobin, Beflubutamid, Benalaxyl, Benalaxyl-M, Benfuracarb, Benthiavalicarb-isopropyl, Bifenazate, Bispyribac-sodium, Boscalid, Buprimate, Cadusaphos, Carbaryl, Carbendazim, Carbofuran, Carbofuran 3hydroxy, Carbofuran-3-keto, Carfentrazone-ethyl, Chlorantranilliprole, Chlorpyrifos-methyl, Chlorsulfuron, Clodinafop-propargyl, Clofentezine, Clornazone, Cloquintocet-	14/05/2013	19/12/2019	O.B.02.001 Modified method using **UPLC-MS/MS** based on: 1. Lehotay *et al.*: AOAC Vol.88, No.2, 2005 (Modified), 615-629 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
Infant and baby foods (continued)	mexyl, Cloransulam-methyl, Clotdianidin, Coumaphos, Cyazomafid, Cyflufenamid, Cyhalofop-butyl, Cymoxanil, Cyproconazole, Cyprodinil, DEET, Desmedipham, Diazinon, Dichlofluanid, Diclofop-methyl, DMSA (degr. dichlofluanid), Diethofencarb, Difenoconazole, Diflubenzuron, Dimefuron, Dimethenamid, Dimethoate, Dimethomorph, Dimoxystrobin, Diuron, Dodemorph, Emamection benzoate, Epoxiconazole, Ethiofencarb, Ethiofencarb sulfone, Ethiofencarb sulfoxide, Ethion, Ethirimol, Ethoprofos, Etoxazole, Fenamidone, Fenazaquin, Fenbuconazole, Fenchlorazol-ethyl, Fenhexamid, Fenoxycarb, Fenoxyprop-P-ethyl, Fenpiclonil, Fenpropidin, Fenpropimorph, Fenpyroximate, Fluazifop-P-butyl, Flubendiamide, Fludioxonil, Flufenacet, Flufenoxuron, Fluometuron, Fluopicolide, Fluquinconazole, Fluroxypyr-meptyl, Flusilazole, Flutolanil, Flutriafol, Forchlorfenuron, Fosthiazate, Fuberidazole, Haloxyfop-methyl, Hexaconazole, Hexythiazox, Imazalil, Imidacloprid, Indoxacarb, Iodosulfuron-methyl, Iprovalicarb, Isofenphos-methyl, Kresoxim-methyl, Lenacil, Linuron, Lufenuron, Malathion, Mandipropamid, Mecarbam, Mepanipyrim, Mesosulfuron-methyl, Metalaxyl, Metalaxyl-M, Methamidophos, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarbsulfoxide, Methomyl, Methoxyfenozide, Metolachlor, Metrafenone, Metribuzin, Myclobutanil, Napropamide, Nitenpyram, Novaluron, Omethoate, Oxadiazon, Oxadixyl, Oxamyl, Paclobutrazole, Penconazole, Pencycuron, Pendimethalyn, Penoxsulam, Phenmedipham, Phentoat, Phosalon, Phosmet, Pinoxaden, Piperonyl butoxide, Pirimicarb, Pirimicarb desmethyl, Pirimicarb-formadito, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Prometryn, Propaquizofop, Propamocarb, Propanil, Propargite, Propiconazole, Propyzamide, Prosulfacarb, Pymetrozine, Pyraclostrobin, Pyraflufen-ethyl, Pyrimethanil, Pyriproxyfen, Pyroxsulam, Quinoxyfen, Quizalofop-P-ethyl, Quizalofop-P-tefuryl, Rimsulfuron, Simazin, Spinosad A, Spinosad D, Spirodiclofen, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebuthiuron, Terbuthylazine, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thifensulfuron-methyl, Thiodicarb, Thiophanate-methyl, Tolylfluanid, DMST (degr. tolylfluanid), Triadimefon, Triadimenol, Triasulfuron, Tricyclazole, Trifloxystrobin, Triflumuron, Triflusulfuron-methyl, Trinexapac-ethyl, Zoxamide			

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
3. Potable, surface and ground water intended or not for human consumption	1. Determination of 256 pesticide residues Abamectin, Acetamiprid, Acibenzolar-S-methyl, Alanycarb, Aldicarb sulfone, Aldicarb sulfoxide, Ametryn, Atrazine, Azaconazole, Azamethiphos, Azinphos methyl, Azoxystrobin, Beflubutamid, Benalaxyl-M, Benthiavalycarb-isopropyl, Bitertanol, Boscalid, Bromuconazole, Buprimate, Buprofezin, Butocarboxim sulfone, Butralin, Carbaryl, Carbendazim, Carbofuran, Carbofuran 3hydroxy, Carbofuran-3-keto, Carfentrazone-ethyl, Carpropamid, Chlorantranilliprole, Chlorbomuron, Chloridazon, Chlorprofam, Chlorpyrifos, Chlorpyrifos-methyl, Chlorsulfuron, Clofentenzine, Cinidon-ethyl, Clodinafop, Clodinafop-propargyl, Cloquintocet-mexyl, Cloransulam-methyl, Clotdianidin, Cyanazine, Cyazofamid, Cymoxanil, Cyproconazol, Cyprodinil, Demeton-S-methylsulfone, Desmedipham, Desmethryn, Diazinon, Dichlofluanid, Diclobutrazole, Diclosulam, DMSA (degr. dichlofluanid), Dicrotophos, Diethofencarb, Difenoconazole, Diflubenzuron, Dimethenamid, Dimethoate, Dimethomorph, Dimoxystrobin, Diniconazole, Diuron, Dodemorph, Dodine, Emamection benzoate, Epoxiconazole, Etaconazole, Ethiofencarb sulfone, Ethiofencarb sulfoxide, Ethion, Ethiprole, Ethirimol, Ethofumesate, Etofenprox, Etoxazole, Famoxadone, Fenamidone, Fenarimol, Fenazaquin, Fenbuconazole, Fenhexamid, Fenoxycarb, Fenpropimorph, Fenpropidin, Fenpyroximate, Fenthionsulfoxide, Fenthoate, Fluazifop-P, Fluazifop-P-butyl, Fludioxonil, Flufenacet, Flufenoxuron, Flumioxazin, Fluoxastrobin, Flupicolid, Fluquinconazole, Fluroxypyr-meptyl, Flusilazole, Flutolanil, Flutriafol, Forchlorfenuron, Fosthiazate, Fuberitazole, Furalaxyl, Furathiocarb, Halofenozide, Haloxyfop, Haloxyfop-ethoxyethyl, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Imazalil, Imazamethabenz-methyl, Imazaquin, Imazethapyr, Imidacloprid, Indoxacarb, Iprovalicarb, Isoprocarb, Isoprothiolane, Isoproturon, Isoxaflutole, Isoxathion, Kresoxim-methyl, Lenacil, Linuron, Lufenuron, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mepanipyrim, Mephosfolan, Mepronil, Metabenzthiazuron, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methidathion, Methiocarb, Methiocarb sulfone, Methiocarb sulfoxide, Methomyl, Methoprotryn, Methoxyfenozide, Metobromuron, Metoxuron, Metribuzin, Monocrotophos, Monolinuron, Myclobutanil, Napropamide, Neburon, Nicosulfuron, Norflurazon, Novaluron, Nuarimol, Ofurace, Omethoate, Oxadixyl, Oxamyl, Oxamyl-oxime, Oxycarboxin, Oxydemeton-methyl, Paclobutrazole,	15/06/2013	19/12/2019	OB 02.020 Modified method using **UPLC-MS/MS** based on: 1. Application of ultra performance liquid chromatography-tandem mass spectrometry to the analysis of priority pesticides in ground water. Journal of Chromatography A, Vol. 1109, p. 222-227, 2006 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
Potable, surface and ground water intended or not for human consumption (continued)	Penconazole, Pencycuron, Pendimethalyn, Penoxsulam, Pethoxamide, Phenmedipham, Phorate sulfoxide, Phosmet, Phosphamidon, Phosalone, Picolinafen, Picoxystrobin, Piperonyl butoxide, Pirimicarb, Pirimicarb-desmethyl Pirimicarb-desmethyl formamido, Pirimiphos-methyl, Prochloraz, Profenofos, Promecarb, Prometryn, Propaquizalofop, Propargite, Propazine, Propiconazole, Propoxur, Propyzamide, Prosulfacarb, Pymetrozine, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridaphenthion, Pyridate, Pyridatedegradation, Pyrifenox, Pyrimethanil, Pyrimidifen, Pyriproxyfen, Quinoxyfen, Quizalofop-P-ethyl, Simazin, Simeconazole, Spinosad A, Spinosad D, Spirodiclofen, Spiromesifen, Spiroxamine, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebuthiuron, Teflubenzuron, Terbumeton, Terbuthylazine, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thiodicarb, Thiofanox sulfone, Thiofanoxs ulfoxide, Thiometon sulfone, Thiometon sulfoxide, Tolclophos-methyl, Tolylfluanid, DMST (degr. tolylfluanid), Triadimefon, Triadimenol, Triasulfuron, Triazamate, Triazophos, Trichlorphon, Tricyclazole, Triflumuron, Trifloxystrobin, Triflumizole, Triforine, Trimethacarb, Tritoconazole, Vamidothion, Vamidothion-sulfone, Zoxamide			
Potable, surface and ground water intended or not for human consumption (continued)	2. Determination of 49 pesticide residues: 2,4'-DDD, 2,4'-DDE, 2,4'-DDT, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Acrinathrin, Alachlor, Aldrin, Alpha-Endosulfan, alpha-HCH, Benfluralin, Beta-Endosulfan, Beta-HCH, Bifenthrin, Chlordane cis, Chlordane trans, Cyfluthrin, Cypermethrin, delta-HCH, Deltamethrin, Dieldrin, Endosulfan-sulfate, Endrin, Endrin aldehyde, Ethoprophos, Fenitrothion, Fenpropathrin, Fenvalerate 1, Fenvalerate 2, Flucythrinate, Heptachlor, Heptachlor-endo-epoxide, Heptachlor-exo-epoxide, Heptenophos, Hexachlorobenzene, Isodrin, Lambda-Cyhalothrin , Lindane, Methoxychlor I, Methoxychlor II, Metolachlor-S, ParathionEthyl, ParathionMethyl, Permethrin CIS, Permethrin TRANS, Tau-Fluvalinate, Tetradifon, Trifluralin	12/05/2015	19/12/2019	OB 02.032 Modified method using **GC-MS/MS** based on: 1. ISO 28540, Determination of 16 polycyclic aromatic hydrocarbons (PAH) in water-Method using gas chromatography with mass spectrometric detection 2. ELOT/EN ISO 6468, Determination of certain organochlorine insecticides, polychlorinated biphenyls and chlorobenzenes - Gas chromatography method after liquid-liquid extraction
4. Cereals and legumes (Wheat, rye, barley, oat, maize, rice, white bread, crackers, breakfast cereals, pasta, dried bean, lentils)	1. Determination of 212 pesticide residues 2.3.5-Trimethacarb, 4,4'-Dichlorobenzophenon, Acetochlor, Aclonifen, Acrinathrin, Alachlor, Aldrin, Alpha-HCH, Ametryn, Anthraquinone, Azoxystrobine, Benfluralin, Beta-HCH, Bifenazate, Bifenthrin, Bromocyclen, Bromophos-ethyl, Bromopropylate, Buprofezin, Butachlor, Butafenacil, Butralin, Cadusafos, Carbofuran, Carbophenothion, Carbophenothion methyl, Carboxin, Chionomethionat, Chlorbensid,	06/02/2020	06/02/2020	OB.02.001 Modified method using **GC-MS/MS** based on: 1. Lehotay *et al.*: AOAC Vol.88, No.2, 2005 (Modified),615-629 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
Cereals and legumes (continued)	Chlorbufam, Chlordane cis, Chlordane trans, Chlorfenapyr, Chlorfenprop Methyl, Chlorfenson, Chlormefos, Chlorobenzilate, Chloroneb, Chlorothalonil, Chlorotoluron, Chlorpropham, Chlorpyrifos ethyl, Chlorthal-dimethyl, Chlozolinate, Clethodim, Clofentezine, Clomazon, Cyanofenphos, Cycloate, Cyfluthrin, Cyhalofop-butyl, Cypermethrin, Cyproconazol, Cyprodinil, Cyromazine , DDD-4,4', DDD-2.4, DDE-4,4', DDE-2.4, DDT-2,4', DDT-4,4', DEET, Deltamethrin, Desmetryn, d-HCH, Diafentiuron, Diazinon, Dichlobenil, Dichlofenthion, Dichloran, Dichlorvos, Diclobutrazol, Diclofluanid , Diclofop Methyl, Dicofol, Dieldrin, Diethofencarb, Difenoconazol, Diflufenican, Diniconazole, Dinobuton, Diphenamid, Diphenyl sulfide, Diphenylamine, Disulfoton, Endosulfan I, Endosulfan II, Endrin, Epoxiconazole I + II, EPTC, Esfenvalerate, Etaconazole I + II, Ethafluralin, Ethion, Ethofumesate, Ethoxyquin, Etofenprox, Etridiazole, Etrimfos, Fenamidone, Fenarimol, Fenazaquin, Fenbuconazole, Fenfluthrin, Fenitrothion, Fenpiclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenson, Fipronil, Flucythrinate, Fludioxonil, Flufenoxuron, Flumetralin, Fluopyram, Fluquinconazole, Flurprimidol, Flusilazole, Flutolanil, Fluvalinate-Tau, Fonofos, Furalaxyl, Heptachlor, Heptachlor epoxide cis, Heptachlor epoxide trans, Hexachlorobenzene, Hexaconazole, Iprovalicarb, Isodrin, Isofenphos, Isofenphos-methyl, Isoprocarb, Kresoxim Methyl, Lindane, Mepanipyrim , Mepronil, Methabenzthiazuron, Methacrifos, Methidathion, Methoprotryne, Methoxychlor I + II, Metolachlor-S, Metrafenone, Mevinphos, Mirex, Molinat, Myclobutanil, Naled, Napropamide, Nitrofen, Nitrothal-isopropyl, Nuarimol, Oxadiazon, Oxyfluorfen, Pebulate, Penconazol, Pencycuron, Pendimethalin, Pentachloraniline, Pentachloroanisole, Permethrin, Perthan, Phenkapton, Phenothrin I + II, Phorate, Picoxystrobin, Pirimiphos Ethyl, Procymidone, Profluralin, Prometryn, Propanil, Propetamphos, Propham, Propiconazol, Prosulfocarb, Prothiocanazole desthio, Prothioconazole, Prothiofos, Pyridaben, Pyrifenox, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoxyfen, Quintozene, S421, Silafluofen, Silthiopham, Spiroxamine, Sulfotep, Sulprophos, Tebufenpyrad, Tecnazene, Teflubenzuron, Tefluthrin, Terbufos, Terbumeton, Terbutryn, Tetraconazole, Tetrahydrophthalimide, Tetramethrin, Tetrasul, Tolclofos Methyl, Transfluthrin, Triadimefon, Triallate, Trichloranate, Trifloxystrobin, Trifluralin, Vinclozolin, Zoxamide.			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Cereals and legumes (continued)	2. Determination of 483 pesticides residues 5-Hydroxythiabendazole, Acetamiprid, Acetamiprid-N-Desmethyl, Alachlor, Albendazole, Aldicarb-sulfone (Aldoxycarb), Allidochlor, Ametoctradin, Ametryn, Aminocarb (Metacil), Ancymidol, Anilofos, Aramite, Aspon, Atraton, Atrazine, Atrazine-desethyl, Atrazine-desisopropyl, Azaconazole, Azamethiphos, Azinphos-ethyl, Azinphos-methyl, Aziprotryne, Azoxystrobin, BAC-C8, BAC-C10, BAC-C12, BAC-C14, BAC-C16, BAC-C18, Beflubutamid, nBenalaxyl, Benazolin-ethyl ester, Bendiocarb, Benodanil, Benoxacor, Bensulfuron-methyl, Bensulide, Benthiavalicarb-isopropyl, Benzovindiflupyr, Benzoximate, Benzoylprop-ethyl, Benzthiazuron, Bifenthrin, Bioresmethrin, Bispyribac Na, Bixafen, Boscalid, Bromacil, Bromfenvinfos, Bromobutide, Bromuconazole, BTS 40348 (Prochloraz metabolite), BTS 44595 (Prochloraz metabolite), Bupirimate, Buprofezin, Butachlor, Butafenacil, Butamifos, Butoxycarboxim, Butralin, Buturon, Cadusafos, Cambendazole, Capropamide, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-keto, Carbofuran-3-hydroxy, Chlorantraniliprole, Chlorbromuron, Chlorfenson, Chlorfenvinphos, Chlorfluazuron, Chloridazone, Chlorobenzuron, Chlorotoluron, Chloroxuron, Chlorpropham, Chlorpyriphos, Chlorpyriphos-methyl, Chlorthiophos, Chromafenozide, Cinidon-ethyl, Climbazole, Clofentezine, Clomazone, Cloquintocet mexyl, Cloransulam methyl, Clothiandin, Coumachlor, Coumaphos, Crimidine, Crotoxyphos, Crufomate, Cyanofenphos, Cyazofamid, Cycloate, Cycluron, Cyflufenamid, Cyflumetofen, Cyhalothrin (lambda-), Cymiazole, Cyprazin, Cyproconazole I, Cyproconazole II, Cyprodinil, Cythioate, DDAC-C8, DDAC-C12, DEET (Diethyltoluamide), Demeton-S-methylsulfone, Desmedipham, Desmetryn, Dialifos, Diallate, Diazinon, Dicapthon, Dichlorobenzamide, Diclobutrazol, Diclosulam, Dicrotophos, Diethofencarb, Difenoconazole, Difenoxuron, Difenzoquat, Diflubenzuron, Diflufenican, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph, Dimethylvinphos, Dimoxystrobin, Diniconazole, Dinotefuran, Dioxathion, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxide, Ditalimfos, Diuron, Dodemorph, Dodine, Drazoxolon, Edifenphos, Emamectin B1a, Epoxiconazole, Etaconazole, Ethametsulfuron-methyl, Ethiofencarb, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethion, Ethiprole, Ethirimol,	06/02/2020	06/02/2020	O.B.02.036 Modified method using **UPLC qTOF** based on: 1. Lehotay *et al*.: AOAC Vol.88, No.2, 2005 (Modified), 615-629 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)	Ethofumesate, Ethoprophos, Etobenzanid, Etofenprox, Etoxazole, Etrimfos, Famphur, Fenamidone, Fenamiphos, Fenamiphos - sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenchlorphos-oxon,Fenclorazol ethyl, Fenfuram, Fenhexamid, Fenitrothion, Fenobucarb, Fenoxanil, Fenoxycarb, Fenpiclonil, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyrarazamine, Fenpyroximate, Fensulfothion, Fensulfothion-sulfon, Fensulfothio-oxon-sulfone, Fenthion, Fenthion-oxon, Fenthion-oxon-sulfone, Fenthion-sulfon, Fenthion-sulfoxide, Fenuron, Flamprop-isopropyl, Flazasulfuron, Florasulam, Fluazuron, Flubendiamide, 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, Forchlorfenuron, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Furmecyclox, Griseofulvin, Halfenprox, Halosulfuron methyl, Heptenophos, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Icaridin, Imazalil, Imazamethabenz-methyl, Imazamox, Imazapic, Imazaquin, Imazethapyr, Imibenconazole, Imidacloprid, Imiprothrin, Inabenfide, Indaziflam, Indoxacarb, Iodofenphos (Jodfenphos), Iodosulfuron methyl, Ipconazole, Iprobenfos, Iprovalicarb, Isazophos, Isocarbamid, Isocarbophos, Isofenphos, Isofenphos-methyl, Isopropalin, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Kresoxim-methyl, Lactofen, Lenacil, Leptophos, Linuron, Malaoxon, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mefluidide, Mepanipyrim, Mephosfolan, Mepronil, Metalaxyl, Metazachlor, Metconazole, Methabenzthiazuron, Methfuroxam, Methidathion, Methiocar, Methiocarb-sulfone, Methiocarb-sulfoxide, Methoprotryn, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metosulam, Metoxuron, Metrafenone, Metribuzin, Mexacarbate, Molinate, Monalide, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Napropamide, Neburon, Nicosulfuron, Nitenpyram, Norflurazon, Novaluron, N-Phenylurea, Nuarimol, Ofurace, Omethoate, Orbencarb, Oxadiargyl, Oxadiazon, Oxadixyl, Oxfendazole, Oxycarboxin, Paclobutrazole, Paraoxon, Paraoxon-methyl, Penconazole, Pencycuron, Pendimethalin, Penflufen, Penfluron, Penoxulam, Pentanochlor, Penthiopyrad, Permethrin, Pethoxamid, Phenmedipham, Phenthoate, Phorate, Phorate-oxon-sulfoxide, Phorate-sulfone,			

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Cereals and legumes (continued)	Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon, Phosphamidon, Phoxim, Picolinafen, Picoxystrobin, Pinoxaden, Piperonylbutoxide, Piperophos, Pirimicarb, Pirimicarb Desmethyl formamido, Pirimicarb-desmethyl, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Profenophos, Profoxydim, Promecarb, Prometon, Prometryn, Propachlor, Propamocarb, Propanil, Propaquizafop, Propargite, Propazine, Propiconazole, Propoxur, Propyzamide, Proquinazid, Prothioconazole desthio, Prothiofos, Pymetrozine, Pyracarbolid, Pyraclofos, Pyraclostrobin, Pyrazophos, Pyributicarb, Pyridaben, Pyridalyl, Pyridaphenthion, Pyridate, Pyridate degratation, Pyrifenox, Pyrifenox, Pyriftalid, Pyrimethanil, Pyrimidifen, Pyriofenone, Pyriproxyfen, Pyroquilon, Pyroxsulam, Quinalphos, Quinmerac, Quinoclamine, Rabenzazole, Resmethrin, Rotenone, Sebuthylazine, Secbumeton, Sedaxane, Sethoxydim, Siduron, Silafluofen, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spinosad A (Spinosyn A), Spinosad D (Spinosyn D), Spirodiclofen, Spiromesifen, Spirotetramate, Spirotetramate-enol, Spirotetramate-enol-glucoside, Spirotetramate-keto-hydroxy, Spirotetramate-mono-hydroxy, Spiroxamine, Sulfotepp, Sulfoxaflor, Sulprofos, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimphos, Tebutame, Tebuthiuron, Teflubenzuron, Tefluthrin, Temephos, TEPP, Tepraloxydim, Terbacil, Terbufos sulfone, Terbufos-sulfoxid, Terbumeton, Terbuthylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetramethrin, Thenylchlor, Thiabendazole, Thiamethoxam, Thiazafluron, Thiazopyr, Thidiazuron, Thiobencarb, Thiofanox sulfone, Thionazin, Thiophanate-methyl, Thiophanat-ethyl, Tolclofos-methyl, Tolfenpyrad, Triadimefon, Triallate, Triasulfuron, Triazophos, Triazoxide, Tribufos, Trichlorfon, Tricyclazole, Tridemorph, Trietazine, Trifloxystrobin, Triflumizole, Triflumuron, Trimethacarb (2.3.5-), Triticonazole, Uniconazole, Vamidothion, Vamidothion sulfone, Vamidothion sulfoxide, Vernolate, Warfarin, Zoxamide.			
Cereals and legumes (continued)	3. Determination of 13 pesticides residue (Single Residue Method) Bromide, Chlorate, Chlormequat, Ethephon, Ethylene Thiouria (ETU), Fosetyl-Al, Maleic Hydrazine, Matrine, Mepiquat, oxy-Matrine, Perchlorate, Phosphonic acid, Propylene Thiouria (PTU)	29/06/2020	29/06/2020	O.B.02.037 Modified method using **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. "Simultaneous Determination of Matrine and Berberine in Fruits, Vegetables, and Soil Using Ultra-Performance Liquid

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
				Chromatography/Tandem MassSpectrometry", Liu et al.: Journal of AOAC International Vol. 97, No. 1, 2014 2. SANTE/ Lat. Ed. of the European Commission
Cereals and legumes (continued)	4. Determination of Dithiocarbamate (**CS2**) pesticide residues by GC-MS/MS	22/06/2021	22/06/2021	OB.02.022 Modified method using **GC-MS/MS**, based on 1. "Analysis of dithiocarbamates residues in foods of plant origin involving cleavage into carbon disulfide, partitioning into isooctane", EURL Method 2. "Validation of a GC–MS method for the estimation of dithiocarbamate fungicide residues and safety evaluation of mancozeb in fruits and vegetables", Food Chemistry 150 (2014) 175–181 3. SANTE/ Lat. Ed. of the European Commission
Cereals and legumes (continued)	5. Determination of polar pesticides residues **Glyphosate** and **Glufosinate** including metabolites (Single residue method): - Glyphosate - AMPA - N-Acetyl-AMPA - Glufosinate - 3-[hydroxy(methyl)phosphinoyl] propionic acid (MPP) - N-Acetyl-Glufosinate (NAG)	21/04/2021	21/04/2021	O.B.02.037 Modified method using **LC-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
Cereals and legumes (continued)	6. Determination of polar pesticides residues **Diquat** και **Paraquat** (Single residue method): - Diquat - Paraquat	22/06/2021	22/06/2021	OB.02.037 Modified method **LC-DMS-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
5. Difficult or unique commodities Hops, Cocoa beans and products thereof, Coffee, Tea, Spices, Herbs etc	1. Determination of 107 pesticides residue Acetochlor, Alachlor, Aldrin, a-HCH, Ametryn, Anthraquinone, Atrazine, Benalaxyl, Benfluralin, b-HCH, Bifenthrin, Boscalid, Bromophos-ethyl, Bromophos methyl, Bromopropylate, Bupirimate, Butafenacil, Cadusafos, Carbaryl, Carbophenothion, Carbophenothion methyl , Carboxin, Chlorantraniliprole, Chlordane cis, Chlordane trans, Chlorethoxyfos, Chlorfenprop Methyl, Chlorfenson, Chlorpropham, Chlorpyrifos ethyl, Chlorthal-dimethyl, Clethodim, Cloquintocet-mexyl, Cyanophos, Cycloate,	11/03/2022	11/03/2022	OB.02.001 Modified method using **GC-MS/MS** based on: 1. Lehotay *et al*.: AOAC Vol.88, No.2, 2005 (Modified), 615-629 2.ISO 15662:2018 3. 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
Difficult or unique commodities (continued)	Cyfluthrin, Cypermethrin, DDD p,p'-, DDD-o.p'-, DDE-o.p'-, DDE p,p'-, DDTo.p'-, DDT p,p'-, DEET, Demeton-O , Diazinon, Dichlobenil, Dichlofenthion, Dichloran, 4,4'-Dichlorobenzophenone, Dicofol, Difenoconazol, Dimethomorph, Diphenyl sulfide, EPN, EPTC, Ethoprophos, Etofenprox, Etrimfos, Fenbuconazole, Fludioxonil, Flufenoxuron, Flumetralin, Fluopicolide, Fluopyram, Fluotrimazole, Flutolanil, Fonofos, Haloxyfop-2-ethoxyethyl, Heptachlor, Heptachlor epoxide cis, Heptachlor epoxide trans, Hexachlorobenzene, Iprobenfos, Lindane, Mepanipyrim, Mepronil, Metalaxyl, Methacrifos, Metolachlor-S, Nitrapyrin, Parathion-methyl, Permethrin, Perthan, 2-Orthophenylphenol, Phorate, Pirimicarb, Pirimiphos Ethyl, Procymidone, Propazine, Propetamphos, Propham, Propyzamide, Prosulfocarb, Pyridaben, Quinoxyfen, Sulfotep, Sulprophos, Tebufenpyrad, Terbufos sulfoxide, Terbumeton, Terbuthylazine, Terbutryn, Tetraconazole, Transfluthrin, Triallate, Vinclozolin			
Difficult or unique commodities (continued)	2. Determination of 324 pesticides residue Acetamiprid, Acetamiprid-N-Desmethyl, Acibenzolar-S-Methyl, Alachlor, Alanycarb, Albendazole, Allidochlor, Ametoctradin, Ametryn, Aminocarb, Ancymidol, Atraton, Atrazine, Azaconazole, Azamethiphos, Azinphos-ethyl, Aziprotryne, Azoxystrobin, Beflubutamid, Benalaxyl, Bendiocarb, Benoxacor, Bensulfuron-methyl, Bensulide, Benzoximate, Benzthiazuron, Bifenthrin, Bitertanol, Bixafen, Boscalid, Bromacil, Bromuconazole, Bupirimate, Buprofezin, Cafenstrole, Cambendazole, Carbaryl, Carbendazim, Carbetamide, Carbofuran 3-keto-, Carbofuran, Carbophenothion, Carboxin, Carfentrazone-ethyl, Chlorantraniliprole, Chlorfenvinphos, Chlorobenzuron, Chlorotoluron, Chloroxuron, Chlorpyriphos-ethyl, Chlorpyriphos-methyl, Chromafenozide, Climbazole, Clodinafop-propargyl, Clofentezine, Cloquintocet mexyl ,Crimidine, Crufomate, Cyanazine, Cyantraniliprole, Cyazofamid, Cycloate, Cycluron, Cyprazin, Cyproconazole, Cyprodinil, DEET (Diethyltoluamide), Deltamethrin, Demeton-S-methylsulfone, Desmedipham, Desmetryn, Dialifos, Diazinon, Dicapthon, Dichlormid, Diclobutrazol, Diclosulam, Dicofol, Diethofencarb, Difenacoum, Difenoconazole, Difenoxuron, Diflubenzuron, Dimefox , Dimefuron, Dimethoate, Dimethomorph, Dimoxystrobin, Dioxacarb, Dipropetryn, Disulfoton-sulfone, Dodemorph, Edifenphos, Emamectin B1a, Epoxiconazole, Ethirimol, Ethoprophos, Etofenprox, Etrimfos, Fenamidone, Fenamiphos-sulfone, Fenamiphos,	11/03/2022	11/03/2022	OB.02.036 Modified method using **UPLC-qTOF** based on: 1. Lehotay *et al*.: AOAC Vol.88, No.2, 2005 (Modified), 615-629 2.ISO 15662:2018 3. SANTE/ Lat. Ed. of the European Commission

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Difficult or unique commodities (continued)	Fenamiphos sulfoxide, Fenoxanil, Fenpropidin, Fenpropimorph, Fenpyrarazamine, Fenpyroximate, Fensulfothion, Fensulfothion-oxon, Fensulfothion-sulfon, Fensulfothio-oxon-sulfone, Fenthion, Fenthion-oxon, Fenthion-oxon-sulfone, Fenthion-oxon-sulfoxide, Fenthion-sulfon, Fenthion-sulfoxide, Fluazifop-P-butyl, Fluazuron, Fluindapyr, Flumetralin, Fluopyram, Fluoroglycofen-ethyl, Fluotrimazole, Fluridone, Flurtamone, Flusilazole, Fluthiacet methyl, Flutianil, Flutolanil, Flutriafol, Fluvalinate (tau-), Fluxapyroxad, Fuberidazole, Furathiocarb, Haloxyfop-ethoxyethyl, Haloxyfop-methyl, Hexaconazole, Hexaflumuron, Hexazinone, Hexythiazox, Imazalil, Imazamethabenz-methyl, Imidacloprid, Indaziflam, Indoxacarb, Inpyrfluxam ,Iodosulfuron methyl, Ipconazole, Iprodione, Iprovalicarb, Isazophos, Isocarbamid, Isocarbophos, Isofenphos, Isofenphos-methyl, Isofentamid, Isoflucypram, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Karanjin, Kresoxim-methyl, Lactofen, Lenacil, Lethane, Mandestrobin, Mandipropamid, Mecarbam, Mefenacet, Mefentrifluconazole, Mefluidide, Mepanipyrim, Mephosfolan, Mesotrione, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methacrifos, Methidathion, Methiocarb-sulfone, Methiocarb-sulfoxide, Methomyl, Methoprotryn, Methoxyfenozide, Metolachlor, Metosulam, Metoxuron, Metrafenone, Mevinphos, Mexacarbate, Molinate, Monalide, Myclobutanil, Napropamide, Norflurazon, Novaluron, Ofurace, Oxadiazon, Oxadixyl, Paclobutrazole, Parathion-methyl, Pebulate, Penconazole, Pencycuron, Pendimethali, Penflufen, Penfluron, Pentanochlor, Phenmedipham, Phenthoate, Phorate, Phorate-oxon-sulfoxide, Phorate-sulfoxide, Phosalone, Phosmet, Phosmet-oxon, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperonyl butoxide, Piperophos, Pirimicarb, Pirimicarb Desmethyl formamido, Pirimicarb-desmethyl, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Prometon, Prometryn, Propachlor, Propanil ,Propaquizafop, Propazine, Propiconazole, Propoxycarbazone, Prosulfuron, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyrazoxone, Pyributicarb, Pyridaphenthion, Pyriftalid, Pyrimethanil, Pyrimidifen, Pyriminobac-methyl, Pyriofenone, Pyriproxyfen ,Pyroquilon, Pyroxsulam, Quinoclamine, Quinoxyphen, Rabenzazole, Rotenone, Saflufenacil, Schradan, Sebuthylazine, Secbumeton ,Sedaxane, Silthiofam, Simazine, Simeconazole, Simetryn, Spinosad A, Spinosad D, Spirotetramate, Spirotetramate-enol, Spiroxamin, Sulfotepp, Sulfoxaflor,			

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Difficult or unique commodities (continued)	SWEP.MCC, TCMTB, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebutame, Terbumeton, Terbuthylazine, Terbutryn, Tetrachlorvinphos , Tetraconazole, Tetramethrin, Thenylchlor, Thiacloprid, Thiamethoxam, Thidiazuron, Thiobencarb, Thionazin, Tolclofos-methyl, Tolfenpyrad, Tolprocarb, Tolyfluanid, Tralkoxydim, Triallate, Triazamate, Triazophos, Triazoxide, Tribenuron methyl, Trichlorfon, Triclopyricarb, Trietazine, Trifloxystrobin, Triflumizol Metabolite FM-6-, Triflumizole, Triflumuron, Triflusulfuron-methyl, Triticonazole, Uniconazole, Valifenalate, Vamidothion, Vamidothion sulfone, Vamidothion sulfoxide, Warfarin, Zoxamide			
Difficult or unique commodities (continued)	3. Determination of pesticides residue (Single Residue Method) – Chlorate, – Fosetyl-Al – Perchlorate – Phosphonic acid	11/03/2022	11/03/2022	O.B.02.037 Modified method using **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
Difficult or unique commodities (continued)	4. Determination of polar pesticides residue **Glyphosate** and **Glufosinate** including metabolites (Single residue method): - Glyphosate - AMPA - N-Acetyl-AMPA - Glufosinate - 3-[hydroxy(methyl)phosphinoyl] propionic acid (MPP) - N-Acetyl-Glufosinate (NAG)	11/03/2022	11/03/2022	O.B.02.037 Modified method using **LC-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
Difficult or unique commodities (continued)	5. Determination of polar pesticides residue **Diquat** και **Paraquat** (Single residue method): - Diquat - Paraquat	11/03/2022	11/03/2022	OB.02.037 Modified method **LC-DMS-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
6. High fat content products of plant origin **A) Olives and Oil seeds** (Olives, avocados, nuts, oilseed rape, sunflower, cottonseed, soybeans, peanuts, sesame, Peanut butter, tahina, hazelnut paste etc.)	1. Determination of polar pesticides residues **Glyphosate** and **Glufosinate** including metabolites (Single residue method): - Glyphosate - AMPA - N-Acetyl-AMPA - Glufosinate - 3-[hydroxy(methyl)phosphinoyl] propionic acid (MPP) - N-Acetyl-Glufosinate (NAG)	11/03/2022	11/03/2022	O.B.02.037 Modified method using **LC-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 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
High fat content products of plant origin **A) Olives and Oil seeds** (continued)	2. Determination of polar pesticides residues **Diquat** και **Paraquat** (Single residue method): - Diquat - Paraquat	11/03/2022	11/03/2022	OB.02.037 Modified method **LC-DMS-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
6. High fat content products of plant origin, **B) Vegetable oils and fats** (Olive oil, rapeseed oil, sunflower oil, seed oil, etc.)	1. Determination of polar pesticides residues **Glyphosate** and **Glufosinate** including metabolites (Single residue method): - Glyphosate - AMPA - N-Acetyl-AMPA - Glufosinate - 3-[hydroxy(methyl)phosphinoyl] propionic acid (MPP) - N-Acetyl-Glufosinate (NAG)	20/12/2022	20/12/2022	O.B.02.037 Modified method using **LC-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
7. High sugar content products (Honey, raisins, dried fruits [e.g., apricots, plums, figs], fruit jams)	1. Determination of polar pesticides residues **Glyphosate** and **Glufosinate** including metabolites (Single residue method): - Glyphosate - AMPA - N-Acetyl-AMPA - Glufosinate - 3-[hydroxy(methyl)phosphinoyl] propionic acid (MPP) N-Acetyl-Glufosinate (NAG)	20/12/2022	20/12/2022	O.B.02.037 Modified method using **LC-MS/MS** based on: 1. Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement in Food of Plant Origin (QuPPe-PO-Method) 2. SANTE/ Lat. Ed. of the European Commission
8. Coffee	Determination of Oxratoxin A	19/12/2019	19/12/2019	O.B.02.021 Modified method using **UPLC-MS/MS** based on: Journal of Chromatography A, Vol. 1143, p. 48-64, 2007
9. Dried Nuts, Flour, Cereals, Animal Feed and Dried Fruits	Determination of 10 MycoToxins 1. Aflatoxins (B1, B2, G1, G2) 2. Oxratoxin A 3. Diacetoxyscirpenol (DAS) 4. T-2 5. Zearalenone (ZON) 6. Deoxynivalenol (DON) 7. HT-2	13/06/2009	19/12/2019	O.B.02.021 Modified method using **UPLC-MS/MS** based on: Journal of Chromatography A, Vol. 1143, p. 48-64, 2007 And in compliance EC 401/2006
10. Milk and infant & baby foods containing milk	Determination of Aflatoxin M1	16/05/2012	19/12/2019	O.B.02.021 In house method using **UPLC-MS/MS** based on: a VICAM company application and in compliance with Regulation (EC) 401/2006
11. Animal Feed and Flour, Cereals	Determination of Fumonisins FB1 and FB2	06/11/2015	19/12/2019	O.B.02.021 |Modified method using **UPLC-MS/MS**, based on: Journal of AOAC International, Vol93, No5, 2010, Rapid determination of Fumonisins in

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
				corn-based products by Liquid Chromatography/Tandem Mass Spesctrometry (Mod.)
12. Fruit juice and fruit-based puree	Determination of Patulin	17/01/2022	17/01/2022	O.B.02.021 Modified method using **UPLC-MS**, based on: ELOT EN 15890 Foodstuffs – Determination of Patulin in fruit juice and fruit-based puree for infants and young children – HPLC method with liquid/liquid partition clean up and solid phase extraction and UV detection.
13. Food	Determination of **Alternaria Toxins**: - Alternariol - Alternariol Monomethyl Ether - Altenuene - Altertoxin I - Tentoxin - Tenuazonic Acid	20/12/2022	20/12/2022	OB.02.021 Modified method using LC-MS/MS based on: 1. ISO 17521: 2021 , "Foodstuffs - Determination of Alternaria toxins in tomato, wheat and sunflower seeds by SPE clean-up and HPLC-MS/MS" 2. SANTE Lat. Ed. of the European Commission "Guidance document on identification of mycotoxins in food and feed" 3. Regulation (2002/657/EC): "on the performance of analytical methods and the interpretation of results" 4. Commission Recommendation (EU) 2022/553
14. Food	Determination of Coumarin	21/04/2022	21/04/2022	O.B.02.021 Modified method using LC-MSMS based on: 1. Eur Food Res Technol, Analysis of coumarin in various food using liquid chromatography with tandem mass spectrometric detection 2. Regulation (EC) No 1334/2008
15. Food	Determination of residues **Ethylene Oxide** and its metabolite **2-Chloroethanol**	20/12/2022	20/12/2022	OB.02.040 Modified method using GC-MS/MS based on: 1. Analysis of Ethylene Oxide and its Metabolite 2-Chloroethanol by the QuOil Method and GC-MS/MS (EURL) 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
16. Food of animal origin	Determination of **Perfluoroalkyl and Polyfluoroalkyl** substances (**PFAS**), (21 substances) - Perfluorobutanoic acid (PFBA) - Perfluoropentanoic acid (PFPeA) - Perfluorohexanoic acid (PFHxA) - Perfluoroheptanoic acid (PFHpA) - Perfluorooctanoic acid (PFOA) - Perfluorononanoic acid (PFNA) - Perfluorodecanoic acid (PFDA) - Perfluoroundecanoic acid (PFUdA) - Perfluorododecanoic acid (PFDoA) - Perfluorotridecanoic acid (PFTrDA) - Perfluorobutane sulfonic acid (PFBS) - Perfluoropentane sulfonic acid (PFPeS) - Perfluorohexane sulfonic acid (PFHxS) - Perfluoroheptane sulfonic acid (PFHpS) - Perfluorooctane sulfonic acid (PFOS) - Sodium dodecafluoro-3H-4,8-dioxanonanoate (NaDONA) - Hexafluoropropylene oxide dimer acid (HFPO-DA(GenX)) - 9-Chlorohexadecafluoro-3-oxanonane--sulfonic acid (9Cl-PF3ONS) - 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) - N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) -N-ethyl perfluorooctanesulfonamidoacetic acid(N-EtFOSAA)	13/03/2023	13/03/2023	OB.02.041 Internal method with modified QUECHERS and solid phase extraction (SPE) and determination by LC-MS/MS Commission regulation (EU) 2023/915 on maximum level for certain contaminants in food
17. Food / Feed - Cereals, milling products of cereals and processed cereal-based foods including those intended for infants and young children -Legumes and their processed products - Feed, cereal-based	Determination of **Ergot Alkaloids** (12 substances) - Ergocornine - Ergocorninine - Ergocristine - Ergocristinine - Ergocryptine (sum of a,b isomers) - Ergocryptinine (sum of a,b isomers) - Ergometrine - Ergometrinine - Ergosine - Ergosinine - Ergotamine - Ergotaminine	03/01/2024	03/01/2024	OB.02.021 internal method LC-MS/MS based on: **1**."EURL-MP-method_003 (version 2) Determination of ergot alkaloids in cereal-based food and feed by LC-MS/MS" 2. Commission regulation (EU) 2023/915 on maximum level for certain contaminants in food 3. Commission Implementing Regulation (EU) 2023/2782

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

LABORATORY: ENVIRONMENTAL

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
1. Potable water, irrigation water, borehole water, groundwater, surface water	1. pH	01/10/2021	01/10/2021	O.B.01.005 4500-H, B (APHA, Standard Methods lat. ed.)
	2. Determination of Conductivity	01/10/2021	01/10/2021	O.B.01.006 2510 B (APHA, Standard Methods lat. ed.)
	3. Determination of Chloride ions	01/10/2021	01/10/2021	O.B.01.007 Modified method based on 4500-Cl, B (APHA, Standard Methods lat. ed.)
	4. Determination of Sulphate ions	01/10/2021	01/10/2021	O.B.01.008 Modified method based on 4500 SO_4, E (APHA, Standard Methods lat. ed.)
	5. Determination of Hardness	01/10/2021	01/10/2021	O.B.01.013 Modified method based on 2340 B (APHA, Standard Methods lat. ed.)
	6. Determination of Nitrite ions	01/10/2021	01/10/2021	O.B.01.011 Modified method based on 4500 NO_2, (APHA, Standard Methods lat. ed.)
	7. Determination of Ammonium ions	01/10/2021	01/10/2021	O.B.01.009 Modified method based on 4500 NH_3, -(APHA, Standard Methods lat. ed.)
	8. Determination of Nitrate ions	01/10/2021	01/10/2021	O.B.01.018 Modified method based on 4500 NO_3^--B (APHA, Standard Methods lat. ed.)
	9. Determination of COD	01/10/2021	01/10/2021	O.B.01.023 HACH LCK 314, LCK 514
	10. Determination of hexavalent Chromium	01/10/2021	01/10/2021	O.B.01.024 Modified method based on 3500 – Cr / B (APHA, Standard Methods lat. ed.) and HACH LCK 313
	11. Determination of Turbidity	01/10/2021	01/10/2021	O.B.01.028 Modified method based on 2130 B (APHA, Standard Methods lat. ed.) (using a portable turbidity meter
	12. Determination of free cyanides	01/10/2021	01/10/2021	O.B.01.027 HACH LCK 315
	13. Determination of free Chlorine	01/10/2021	01/10/2021	O.B.01.026 Modified method based on 4500 ClG (APHA, Standard Methods lat. ed.), with Portable Photometer
	14. Determination of colour	01/10/2021	01/10/2021	O.B.01.029 Modified method based on 2120 C (APHA, Standard Methods lat. ed.)
	15. Determination of fluoride ions	01/10/2021	01/10/2021	O.B.01.030 Modified method based on 4500 F D. SPADNS (APHA, Standard Methods lat. ed.)
	16. Determination of total solids	01/10/2021	01/10/2021	O.B.01.021 Modified method based on 2540 B (APHA, Standard Methods lat. ed.)
	17. Potentiometric determination of chloride ions	01/10/2021	01/10/2021	O.B.01.042 In house method based on HACH Application DOC 316.52.93091 based on ISO 9297:2000
	18. Determination of total Alkalinity	01/10/2021	01/10/2021	O.B.01.043 In house method based on: HACH Application DOC 52.93085 και ISO 9963-1:1994
	19. Determination of sulfates	08/11/2022	08/11/2022	O.01.044 – In house method with discrete analyzer D06736_06 insert
	20. Determination of fluorine	08/11/2022	08/11/2022	O.01.044 - In house method with discrete analyzer D12423_04 insert

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
2. Potable, irrigation, bore hole, ground and surface waters	Determination of 31elements using ICP-MS Ca, Mg, K, Na, Cu, Fe, Zn, Mn, P, B, Al, Ba, Mo, Sr, Ag, Sn, Se, Sb, Si, Pb, Cd, As, Ni, Co, Cr, Hg, V, Be, U, Tl, Ti	01/10/2021	01/10/2021	O.B.01.040 Modified method based on 3125 A, B (APHA, Standard Methods lat. ed.)
3. Potable, bore hole and ground waters	1. Determination of bromate ion (BrO3-) and Chlorite ion (ClO2-)	01/10/2021	08/02/2022	O.01.039 Modified method based on 4110 D (APHA, Standard Methods lat. ed.)
	2. Determination of Total Organic Carbon (TOC)	01/10/2021	01/10/2021	O.B.01.038 HACH LCK 385
4. Potable, surface and ground water, intended or not for human consumption	1. Determination of 16 polycyclic aromatic hydrocarbons PAHs: Acenaphthene, Acenaphtylene, Anthracene, benzo(a) Pyrene, benzo(a)anthracene, benzo(b) fluoranthene, benzo(ghi) perylene, benzo(k) fluoranthene, Chrysene, dibenzo(ah)anthracene, Fluoranthene, Fluorene, indéno (123 cd) perylene, Naphtalene, Phenanthrene, Pyrene	01/10/2021	01/10/2021	OB .15.001 - In house method GC-MS-MS modified and based on: 1. ISO 28540, Determination of 16 polycyclic aromatic hydrocarbons (PAH) in water- Method using gas chromatography with mass spectrometric detection 2. ΕΛΟΤΕΝ ISO 6468, Determination of certain organochlorine insecticides, polychlorinated biphenyls and chlorobenzenes - Gas chromatography method after liquid-liquid extraction
	2. Determination of 16 PCBs: PCB 18, PCB 20, PCB 28, PCB 31, PCB 44, PCB 52, PCB 101, PCB 105, PCB 118, PCB 138, PCB 149, PCB 153, PCB 170, PCB 180, PCB 194, PCB 209	01/10/2021	01/10/2021	
	3. Determination of 9 PCTs: - 3,3"-Dichloro-o-terphenyl, - 3,3"-Dichloro-p-terphenyl, - 3',4,4"-Trichloro-m-terphenyl, - 3,3",4,4"-Tetrachloro-o-terphenyl - 3,3",4,4"-Tetrachloro-p-terphenyl - 3,3",5,5"-Tetrachloro-p-terphenyl, - 3,3',3",4,4"-Pentachloro-m-terphenyl - 2,2",4,4",5,5"-Hexachloro-p-terphenyl, - 3,3",4,4",5,5"-Hexachloro-p-terphenyl	01/10/2021	01/10/2021	
	4a. Determination of 14 volatile substances VOCs: Benzene, Toluene, m-Xylene, p-Xylene, o-Xylene, Ethylbenzene, Vinylchloride, 1,2-Dichloroethane **Total trialomethanes** Tribromomethane (Bromoform), Trichloromethane (Chloroform), Bromodichloromethane, Dibromochloromethane **Aloethenes** Trichloroethene, Tetrachloroethene	01/10/2021	01/10/2021	O.B.15.002 In house method GC-MS/ HS-SPME modified and based on: 1. ISO/DIS 17943 Determination of volatile organic compounds in water-Method using headspace solid-phase micro-extraction (HS-SPME) followed by gas chromatography-mass spectrometry (GC-MS)
	4b. Determination of volatile substances VOCs: Geosmin, 2-methylisoborneol	20/12/2022	20/12/2022	O.B.15.002 In house method GC-MS/ HS-SPME modified and based on: 1. ISO/DIS 17943 Determination of volatile organic compounds in water-Method using headspace solid-phase micro-extraction (HS-SPME) followed by gas chromatography-mass spectrometry (GC-MS)

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Potable, surface and ground water, intended or not for human consumption (continued)	5. Determination of Epichlorohydrin	01/10/2021	01/10/2021	OB.15.002 - In house method GC-MS/ HS-SPME modified and based on: ΕΛΟΤ-EN 14207 Determination of epichlorohydrin
	6a. Determination of Acrylamide	01/10/2021	01/10/2021	O.B.15.003 - In house method UPLC-MSMS modified and based on: Determination of low-level Acrylamide in drinking water by liquid chromatography /tandem mass spectrometry, AOAC, Vol. 92, No. 1, p. 263-270, 2009
	6b. Determination of Acrylamide	20/12/2022	20/12/2022	O.B.15.003 - In house method LC-MSMS by direct injection based on: Determination of low-level Acrylamide in drinking water by liquid chromatography /tandem mass spectrometry, AOAC, Vol. 92, No. 1, p. 263-270, 2009
	7. Determination of 9 phenols: - 2,3,4, 6 tetrachlorophenol, - 2 chlorophenol, - 2,4,5-Trichlorophenol, - 2,4,6-Trichlorophenol, - 2,4-Dichlorophenol, - 2,4-Dimethylphenol, - 2,6-Dichlorophenol, - 4-Chloro-3-methyl phenol, - Pentachlorophenol	01/10/2021	01/10/2021	O.B.15.004 - In house method GC-MSMS modified and based on: ΕΛΟΤ / EN 12673, Gas chromatographic determination of some selected chlorophenols in water
	8. Determination of Hydrocarbons dissolved or emulsified - Oils (fats and oils)	01/10/2021	01/10/2021	O.B.15.005 - In house method GC-FID modified and based on: ISO 9377.02: "Water Quality-Determination of hydrocarbon oil index-Part1Method using solvent extraction and gas chromatography"
	9. Determination of oxidizability	01/10/2021	01/10/2021	O.B.01.037 - Modified method based on ISO 8467
	10. Determination of contaminants - Bromates, - Chlorate, - Perchlorate	01/10/2021	01/10/2021	OB.01.045 - In House LC-MS-MS method by direct injection based on: 1. EURL-SRM, Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement I. Food of Plant Origin (QuPPe-PO-Method) 2. Analysis of Bromate in Drinking Water Using Liquid Chromatography–Tandem Mass Spectrometry without Sample Pretreatment, ANALYTICAL SCIENCES NOVEMBER 2011, VOL. 27, 1091 3. 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
Potable, surface and ground water, intended or not for human consumption (continued)	11. Determination of Haloacetic acids (HAAs) - Chloroacetic acid (MCAA) - Bromoacetic acid (MBAA) - Dichloroacetic acid (DCAA) - Bromochloroacetic acid (BCAA) - Dibromoacetic acid (DBAA) - Trichloroacetic acid (TCAA) - Bromodichloroacetic(BDCAA) - Chlorodibromoacetic(CDBAA) - Tribromoacetic acid (TBAA)	08/02/2022	08/02/2022	O.15.006 - Internal method LC-MSMS based on: Trace determination of nine haloacetic acids in drinking water by liquid chromatography–electrospray tandem mass spectrometry Journal of Chromatography A, 1217 (2010) 4873–4876
	12. Determination of Bisphenol A	08/02/2022	08/02/2022	O.15.006 - Internal method LC-MSMS based on: Determination of Bisphenol A (BPA) in Commercially Packaged Ready-to-Consume Carbonated and Noncarbonated Water and Nonalcoholic Beverages: A Single-Laboratory Validation Study, First Action 2017.15 Li et al.: Journal of AOAC International, Vol. 102, No2, 2019
	13. Determination of sum / total perfluoroalkyl and polyfluoroalkyl substances PFAS - Perfluorobutanoic acid (PFBA) - Perfluoropentanoic acid (PFPA) - Perfluorohexanoic acid (PFHxA) - Perfluoroheptanoic acid (PFHpA) - Perfluorooctanoic acid (PFOA) - Perfluorononanoic acid (PFNA) - Perfluorodecanoic acid (PFDA) - Perfluoroundecanoic acid (PFUnDA) - Perfluorododecanoic acid (PFDoDA) - Perfluorotridecanoic acid (PFTrDA) - Perfluorobutane sulfonic acid (PFBS) - Perfluoropentane sulfonic acid (PFPS) - Perfluorohexane sulfonic acid (PFHxS) - Perfluoroheptane sulfonic acid (PFHpS) - Perfluorooctane sulfonic acid (PFOS) - Perfluorononane sulfonic acid (PFNS) - Perfluorodecane sulfonic acid (PFDS) - Perfluoroundecane sulfonic acid - Perfluorododecane sulfonic acid - Perfluorotridecane sulfonic acid	08/02/2022	08/02/2022	O.15.006 - Internal method LC-MSMS based on: 1. Application SCIEX Quantitation of PFASs in Water Samples using LC-MS/MS Large-Volume Direct Injection and Solid Phase Extraction 2. ISO 21675 Water quality – Determination of perfluoroalkyl and polyfluoroalkyl substances (PFAS) in water – Method using solid phase extraction and liquid chromatography-tandem mass spectrometry (LC-MS/MS)
	14. Determination of Microcystin LR	20/12/2022	20/12/2022	O.15.006 – In house method LC-MSMS based on: 1. ISO 22104 Water quality – Determination of microcystins - Method using liquid chromatography and tandem mass spectrometry (LC-MS/MS)
	15. Determination of Nonylphenol (cas no 84852-15-3)	28/09/2023	28/09/2023	O.15.006 – Internal method GC-MSMS based on: 1. ISO 18857 Water quality – Determination of selected alkyphenols – Part1 & Part2

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
Potable, surface and ground water, intended or not for human consumption (continued)	16. Determination of 17β-estradiol (cas no 50-28-2)	28/09/2023	28/09/2023	O.15.006 – Internal method LC-MSMS based on: 1. JRC technical report – Water framework directive watch list method - Analysis of 17β-estradiol and estrone
5. Swimming pool water	1. Determination of pH	01/10/2021	01/10/2021	O.B.01.005 4500-H, B (APHA, Standard Methods lat. ed.)
	2. Determination of total Alkalinity	01/10/2021	01/10/2021	O.B..01.043 In house method based on HACH Application DOC 316.52.93085 and ISO 9963-1:1994
	3. Determination of Turbidity	01/10/2021	01/10/2021	O.B.01.028 Modified method based on 2130 B (APHA, Standard Methods lat. ed.) using a portable turbidity meter
6. Soil	1. Determination of Cu, Zn, Mn, Fe	08/11/2022	08/11/2022	O.B.01.302 - Modified method using ICP based on W. L. Lindsay, W.A. Norvell, Soil Science Society, American Journal vol.42, 1978, extraction with DTPA
	2. Determination of Mg, K	08/11/2022	08/11/2022	O.B.01.301 - Modified method using ICP based on: "Method of Soil Analysis" 1982, American Society of Agronomy, p. 559-581, extraction with ammonium acetate
	3. Determination of total $CaCO_3$	08/11/2022	08/11/2022	O.B.01.303 - Pressure Calcimeter Method Modified based on Method of Soil Analysis 1996 Part 3
	4. Determination of organic carbon	08/11/2022	08/11/2022	O.B.01.304 - Modified Walkley-Black method based on Method of Soil Analysis 1996 Part 3 (Modified)
	5. Determination of 55 pesticide residues 2,4'-DDD, 2,4'-DDE, 2,4'-DDT, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Alachlor, Aldrin, Alpha-Endosulfan, Benfluralin, Beta-Endosulfan,, Bifenox, Bifenthrin, Biphenyl, Bromopropylate, CHLORDANE CIS, CHLORDANE TRANS, Dicofol, Dieldrin, Diphenyl sulfide, EPN, Endosulfan-sulfate, Endrin, Ethafluralin, Ethoprophos, Fenitrothion, Fensulfothion, Fluotrimazol, alpha-HCH, beta-HCH, delta-HCH, Heptachlor, Heptachlor-endo-epoxide, Heptachlor-exo-epoxide, Hexachlorobenzene, Leptophos, Lindane, Methacriphos, Metolachlor-S, Oxyfluorfen, ParathionEthyl, ParathionMethyl, PirimiphosEthyl, Propanil, Propetamphos, Propham, Prothiofos, Quinalphos, Quintozene, Tecnazene, Tefluthrin, Terbacil, Tetradifon, Transfluthrin, Trifluralin	08/11/2022	08/11/2022	OB 02.035 - Modified method using GC-MS-MS based on: ISO 10382 Determination of organochlorine pesticides in soil
	6. Determination of elements Pb, Cd, Ni, Cr, Co, As, Hg, Cu, Zn	08/11/2022	08/11/2022	Modified method by ICP-MS based on: EPA 3051A (after microwave digestion and strong acids) O.B.01.305
	7. Determination of Nitrates	08/11/2022	08/11/2022	O.01.306 - Internal Method with Discrete Analyzer AQ400 AGR-

LIST OF TESTS ACCREDITED IN FLEXIBLE SCOPE

Matrix Category	Types of Tests	DATE OF INITIAL DEVELOPMENT (INITIATION)	DATE OF LAST MODIFICATION	METHODS / TECHNIQUES APPLIED
				232-C Rev1
	8. Determination of Phosphorus	08/11/2022	08/11/2022	O.01.307 - Internal method with Discrete analyzer AQ400 AGR-203-A Rev4
	9. Determination of Boron	08/11/2022	08/11/2022	O.01.312 - Modified ICP method based on 'Method of Soil Analysis 1982, American Society of Agronomy, p. 610-611'', extraction with boiling water
	10. Determination of Mechanical Composition	08/11/2022	08/11/2022	O.01.308 - Internal method with Bouyoucos densitometer
	11. Determination of Conductivity / pH	08/11/2022	08/11/2022	O.01.311 - In-house method with continuous flow robotic system, Extraction with water 1:5, based on ISO 11265, ISO 10390
7. Leaves / Plant tissues	1. Determination of Total Nitrogen	08/11/2022	08/11/2022	O.01.310 - Modified elemental analyzer method based on AOAC 990.03
	2. Determination of Trace Elements and Macroelements Ca, Mg, K, Na, Cu, Fe, Zn, Mn, P, B	08/11/2022	08/11/2022	O.01.305 - Modified ICP-MS method based on EPA 3051A (after microwave and strong acid digestion)