Hellenic Accreditation System

Annex F1/B27 to the Certificate No. **139**-14

SCOPE of ACCREDITATION

of the
Testing Laboratory
of
"BIOLAB S.M.P. COMPANY"
in Ioannina

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Chemical Tests		
1. Raisin - Currant , coffee wine	Determination of Ochratoxin A	Method by HPLC/RF XT 51
2. Figs, Feeds, Pistachio-Dry nuts	Determination of Aflatoxin B1,B2,G1,G2,AF	Method by HPLC/RF XT 52
3. Flour	1. Determination of DON (Deoxynivalenol)	Method by HPLC/UV XT 53
	2. Determination of ZON (Zearalenone)	Method by HPLC/RF XT 54
4. Cereals	Determination of Fumonisins B1 and B2	Method by HPLC/RF XT 63
5. Milk	Determination of Aflatoxin M1	Method by HPLC/RF XT 59
6. Milk products	Π Determination of Vitamin D sum of D2+D3	In-house method HPLC-UV XT 166
7. Aloe juice	1. Determination of Aloin A and B	Method by HPLC/UV XT 152
	2. Determination of Aloe emodin	Method by HPLC/UV XT 152B
8. Juices	1. Determination of Patulin	Method by HPLC/UV XT 62
	2. Determination of HMF-Furfural	Method by HPLC/UV XT 78
9. Coffee	Determination of caffeine	Method by HPLC/UV XT 77
10. Potato chips	Determination of Acrylamide	Method by HPLC/UV XT 55

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
11. Honey	Determination of sugars Glucose Fructose Sucrose	Method by HPLC/RID XT 49
12. Jam, Dips, Vegetables in brine etc	Determination of Benzoic and Sorbic acid	Method by HPLC/UV XT 50
13. Shrimps / food	Determination of colorants Allura Red –E129 Amaranth-E123 Sunset Yellow-E110 Brilliant Blue-E133 Azorubin –E122	Method by HPLC/UV XT 65
14. Food	1. Determination of organic acids Malic acid Acetic acid Citric acid	Method by HPLC/UV XT 31
	2. Determination of Melamine	In-house method by HPLC/RF XT 69
	3. Determination of Curcumin E100	In-house method by HPLC/UV XT 80
	4. Determination of colorants Tartrazine -E102 Carminic acid -E120	Method by HPLC/UV XT 65
	5. Determination of Sweeteners: Acesulfame Aspartame	In-house method by HPLC/UV XT 108
	6. Determination of vanillin	In-house method by HPLC/UV XT 108
	7. Determination of theobromine	In-house method by HPLC/UV XT 108
	8. Determination of Polyols: Erythritol Mannitol Maltitol Lactitol Xylitol	In-house method by HPLC/RID XT 109
	9. Determination of sugars Fructose Glucose Sucrose Maltose Lactose Total	In-house method HPLC-RID XT 49

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
15. Meat and products/ cold cuts	Determination of PAH s Benz[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[a]pyrene Sum of Benzo[a]pyrene, Benz[a]anthracene, Benzo[b]fluoranthene και Chrysene	Method by HPLC/RF XT 74
16. Fish	Determination of Histamine	Method by HPLC/RF XT 61
17. Fish and products	Determination of PAH s Benz[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[a]pyrene Sum of Benzo[a]pyrene, Benz[a]anthracene, Benzo[b]fluoranthene και Chrysene	Method by HPLC/RF XT 74
18. Fish	1. Determination of Antibiotics Oxolinic acid flumequine	Method by HPLC/RF XT 57
	2. Determination of Antibiotics Tetracycline	Method by HPLC/RF XT 58
	3. Determination of Ethoxyquin	Method by HPLC/UV XT 164
	4. Determination of Malachite Green	Method by HPLC/UV XT 169
	5. Determination of Leucomalachite Green	Method by HPLC/RF XT 169B
19. Cereals	1. Determination of Vitamin E	Method by HPLC/RF XT 160
	2. Determination of TBHQ, BHA and BHT	Method by HPLC/UV XT 159
20. Chilli Sauce	Determination of Sudans Sudan Orange G Sudan I Sudan II Sudan Red B	Method by HPLC/UV XT 167
21. Carbonated beverages, energy drinks	1. Determination of steviol glycosides (Rebaudioside A + Stevioside Rebaudioside B, Rebaudioside C, Rebaudioside D, Steviolbioside, Dulcoside A, Rubososide, And sum of them)	Method by HPLC/UV XT 163
	2. Determination of Bisphenol A (BPA)	Method by HPLC/RF XT 170
	3. Determination of quinine	Method by HPLC/UV XT 165
	4. Determination of Taurine	Method by HPLC/UV XT 168

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	5. Determination of sodium cyclamate and saccharin	Method by HPLC/UV XT 157
	6. Determination of Vitamins B2, B6, B12	Method by HPLC/UV XT 162
22. Alcoholic Beverages	1. Determination of Ethyl carbamate	Method by HPLC/RF XT 158
	2. Volatile alcohols: Methanol 1-propanol 2-methyl-1-propanol (isobutanol) 2-methyl-1-butanol 3-methyl-1-butanol 1-butanol 2- butanol Ethyl acetate Acetaldehyde Acetal	In-house method by GC-FID XT107
23. Olive oil and vegetable oils/fats	Fatty acids profile	EEC 2568/1991 by GC-FID XT 103
24. Olive oil	1. Determination of squalene	Method by HPLC/UV XT 182
	2. Determination of biophenols (polyphenols) profile: Hydroxytyrosol Tyrosol 3,4-DHPEA-EDA (Oleacin) Total biophenols with subs (P-HPEA-EDA 3,4-DHPEA-EA P-HPEA-EA)	Method by HPLC/UV XT 183
25. Herbs-oils-oregano	Oregano essential oil profile: Carvacrol Thymol p-Cymene Myrcene γ-Terpinene trans-Caryophyllene α-Pinene Borneol	In-house method by GC-FID XT 151
26. Lavender essential oil	Determination of lavender essential oil profile: (3-octanone d-limonene Eucalyptol cis-ocimene trans-ocimene Linalool Camphor Borneol 1-terpinen-4-ol α-terpineol linalylacetate lavandulylacetate trans-caryophyllene trans-β-farnasene)	Method by GC/FID XT 171

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
27. Drinking, surface water	Determination of PAH s benzo(b)fluoranthene, benzo(k)fluoranthene, Benzo[a]pyrene benzo(ghi)perylene, indeno(1,2,3-cd)pyrene Sum of benzo(b)fluoranthene, benzo(k)fluoranthene, Benzo[a]pyrene benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	In-house method based in EPA 610 by HPLC/RF XT 120
28. Drinking and surface water	Determination of phenols (2-chlorophenol, 2-nitrophenol, 2,4-dichlorophenol, 2,4,6-trichlorophenol, pentachlorophenol)	Method by GC/MS XN 121
29. Surface water-Sludge Wastewater	1. Determination of PCBs PCB No 28 PCB No 52 PCB No 101 PCB No 153 PCB No 138 PCB No 180 Sum of PCBs	In-house method GC-MS XN 117
	2. Determnation of BTEX Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	In-house method GC-MS XN 118
	3. Determination of Halogenated organic compounds (AOX)	In-house method by XN 133 HACH LCK 390
30. Drinking water	1. Determination of VOCs (Volatile Organic Compounds) Benzene 1,2-dichloroethane Trichloroethylene Tetrachloroethylene	Method by GC/MS XN 124
	2. Determination of THMs Total Trihalomethanes Chloroform Bromoform Bromodichloromethane Dibromochloromethane	Method by GC/MS XN 124
	3. Determination of Bisphenol A (BPA)	In-house method HPLC-RF XN 189*
	4. Determination of Microcystin-LR	In house method by HPLC-UV XN 126*
	5. Determination of Bromate (BrO3)	In house method by IC XN 122*

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	6. Determination of Bromide (Br^-)	In house method by IC XN 47
	7. Determination of Chlorites Chlorates Perchlorates	In house method by IC XN 60*
	8. Determination of Epıclorydrin (ECH) vinyl chloride	In house method by GCMS XN 132*
	9. Determination of acrylamide	In house method by LCMSMS XN123*
	10. Determination and Sum of 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	In house Method by LCMSMS XN 127*
	11. Determination of acids (HAAs) Sum of: Monochloroacetoc acid Dichloroacetic acid Tichloroacetic acid Monobromoacetic acid Dibromoacetic acid	In house Method by LCMSMS XN 128*

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	12. Determnation of pesticides Acetamiprid, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid, Benalaxyl, Benoxacor, Benthiavalicarb-isopropyl, Butafenacil, Butoxycarboxim, Carbofuran, Chlorotoluron, Chloroxuron, Clodinafop-Propargyl, Clomazone, Cycluron, Cyproconazole, Diclobutrazol, Difenoconazole, Dimefuron, Dimethenamid, Dimethomorph Diuron, Edifenphos, Epoxiconazole, Etaconazole Isomer, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenbuconazole, Fenfuram, Fenpiclonil, Fluometuron, Fluopicolide, Fluopyram, Fluridone, Flurprimidol, Flusilazole, Flutolanil, Flutriafol, Forchlorfenuron, Fosthiazate, Furalaxyl, Furmecyclox, Griseofulvin, Heptenophos, Hexazinone,, Imibenconazole, Imidacloprid, Indaziflam, Ipconazole Isomer, Isoprocarb, Isoproturon, Isopyrazam, Linuron, Lifenuron, Mandipropamid, Mefenacet, Mepronil, Metalaxyl M, Metalaxyl, Metconazole, Methabenzthiazuron, Metobromuron, Metoxuron, Metrafenone, Monceren) Pencycuron, Monolinuron, Monuron, Myclobutanil, Neburon, Norflurazon, Ofurace, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Propiconazole Isomer, Pyriminobac-methyl(E), Pyriofenone, Sebuthylazine, Sedaxane, Siduron, Simeconazole, Tebuconazole, Tetraconazole, Thiacloprid, Thiodicarb, Triazamate, Tricyclazole, Trifloxystrobin, Triticonazole Zoxamide	In house Method by LCMSMS XN 131*
31. Water	Hydrocarbons	In-house method based on EN ISO 9377-2:2001 GC-FID XN 119
32. Surface water	Determination of VOCs (Volatile Organic Compounds) Benzene 1,2-dichloroethane Trichloroethylene Tetrachloroethylene Chloroform Bromoform Bromodichloromethane Dibromochloromethane	Method by GC/MS XN 124

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
33. Sludge-Liquid waste	Determination of VFAs (Volatile Fatty Acids) Acetic acid Propionic acid Butyric acid Isobutyric acid Pentanoic acid (Valeric acid) Isopentanoic acid (Isovaleric acid) Hexanoic acid (Caproic acid) 4-methyl- Pentanoic acid (Isocaproic acid)	Method by GC/FID XT 161
34. Bakery products	Determination of Propionic acid	In-house method GC-FID XT 187
35. Bakery products	Determination of coumarin	Method by HPLC/UV XT 67
36. Bakery products, pastries, crackers, cookies, cereals, bread, coffee	Determination of acrylamide	In-house method by LCMSMS XT 205
37. Meat, fish and their products	Determination of erythorbic acid	In-house method HPLC-UV XT 188
38. Fruits and vegetables	Determination of Dithiocarbamates Cs2	Method by GC/MS XT 172
39. Plastic bags/ cups/ dishes/ straws	Overall migration A	Method based in EN 1186-3:2002 XT 110
	Overall migration B	Method based in EN 1186-3:2002 XT 111
	Overall migration C	Method based in EN 1186-3:2002 XT 112
	Overall migration D1	Method based in EN 1186-3:2002 XT 113
	Overall migration D2	Method based in EN 1186-14:2002 XT 114

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
40. High water content fruits and vegetables (stone fruits, apples, fruiting vegetables, leafy vegetables, citrus fruits, tubers-rhizomes, stem vegetables, small fruits, tropical fruits, legumes, cabbages, bulbous vegetables, fresh herbs, various individual, categories as mentioned in EC Regulations 396/2005 and EC 178/2006) **Fruiting vegetables (Tomato)**	Determination of pesticide residues: 2-phenylphenol,bhc-a.acetochlor, acrinathrin, alachlor, anthraquinone, atrazine,azinphos_methyl,b-bhc,benfluralin,bifenthrin,bromfenvinphos,bromfenvinphos_methyl,bromophos_ethyl,bromophos_methyl,bromopropylate,bupirimate,carbophenonthion,carfentrazone_ethy,chlorbenside,chlordane_cis,chlordane_trans,chlorfenson,chlorfenvinphos,chlorfenvinphos,chlorobenzilate,chlorpropham,chlorpyriphos,chlorpyriphos-methyl, chlorthal_dimethyl,chlorthiophos,clomazone,coumaphos,Cycloate,Cyfluthrin,Cypermethrin,cyprodinil,d-bhc,ddd-2,4,ddd-4,4,dde-2,4,dde-4,4,ddt-2,4,ddt-4,4,deltamethrin, dichlofluanid,dichloran,dichlorobenzophenone-4,4,dieldrin,dimethachlor,diphenamid,diphenylamine,edifenphos,endosulfan_1,endosulfan_ether,endosulfan_sulfate,epn,ethalfluralin,ethion,ethylan,etofenprox,fenarimol,fenchlorphos,fenitrothion,fenpropathrin,fenson,fenthion,fenvalerate-1,fenvalerate-2,fipronil,fluazifop-p-butyl,fluchloralin,flucythrinate-1,flucythrinate-2,fludioxonil,fluquinconazole,fluridone,flusilazole,flutolanil,flutriafol,fonofos,g-bhc,heptachlor_epoxide,heptachlor,hexazinone,iodofenphos,iprodione,isodrin,isopropalin,l-cyhalothrin,lenacil,leptophos,malathion,metazachlor,methoxychlor,methoxychlor_olefin-4,4,metolachlor,mevinphos,mgk_264-1,mgk_264-2,mirex,myclobutanil,n,2,4-dimethylphenyl_formamide,nitralin,nitrofen,nonachlor_cis,nonachlor_trans,norflurazon,oxadiazon,oxyfluorfen,paclobutrazol,parathion,parathion methyl ,penconazole,pentachloroaniline,pentachlorobenzonitrile,pentachlorothioanisole,permethrin_cis,permethrin_trans,phenonthrin,phosalone,phosmet,piperonyl_butoxide,pirimiphos_ethyl,pirimiphos_methyl,pretilachlor,procymidone,prodiamine,propachlor,propanil,propargite,propisochlor,propyzamide,pyrazophos,pyridaben,pyridafenthion,pyriproxyfen,quinalphos,quintozene,resmethrin,sulfotep,sulprophos,tau-fluvalinate,tebuconazole,tebufenpyrad,tefluthrin,terbacil,terbufos,terbuthylazine,tetrachlorvinphos,tetradifon,tetramethrin,tolclofos_methyl,tolylfluanid,transfluthrin,triadimefon,triadimenol,triallate,triazophos,triflumizole,trifluralin,vinclozolin	XT 92 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
41. High water content fruits and vegetables (stone fruits, apples, fruiting vegetables, leafy vegetables, citrus fruits, tubers-rhizomes, stem vegetables, small fruits, tropical fruits, legumes, cabbages, bulbous vegetables, fresh herbs, various individual, categories as mentioned in EC Regulations 396/2005 and EC 178/2006) **Fresh legumes**	Determination of pesticide residues: acetochlor,acrinathrin,alachlor,anthraquinone,atrazine ,azinphos ethyl,azinphos methyl,benfluralin,bhc-a,bhc-b,bhc-d,bhc-gamma,bromfenvinphos,bromophos methyl,bromopropylate,bupirimate,carfentrazone-ethyl,chlordane-cis,chlordane-trans,chlorfenson,chlorfenvinphos-1,chlorfenvinphos-2,chlorobenzilate,chlorpropham,chlorpyriphos,chlorpyriphos methyl,chlorthal-dimethyl,chlorthiophos-1,chlorthiophos-2,clomazone,coumaphos,cyfluthrin,cypermethrin ,cyprodinil,ddd-2,4,ddd-4,4,ddt-2,4,ddt-4,4,deltamethrin,diallate 1,dichloran,dichlorobenzophenone,4-4,dimethachlor, diphenamid,edifenphos,endosulfan 1,endosulfan ether,endosulfan sulfate,epn,ethalfluralin,ethion,ethylan,etofenprox,fenarimol,fenchlorphos,fenitrothion,fenpropathrin,fenson,fenthion,fenvalerate 1,fenvalerate 2,fipronil,fluazifop-p-butyl,flucythrinate 1,flucythrinate 2,fludioxonil,fluquinconazole,fluridone,flusilazole,flutolanil,flutriafol,fonofos,heptachlor,heptachlor epoxide,hexazinone,iodofenfos,iprodione,isodrin,isopropalin,lcyhalothrin,lenacil,leptophos,malathion,metazachlor,methoxychlor,methoxychlor olefin-4,4,methyl-parathion,metolachlor,mgk 264-1,mgk 264-2,mirex,myclobutanil,nitralin,nitrofen,nonachlor-cis,norflurazon,oxadiazon,oxyfluorfen,paclobutrazol, penconazole,pentachloroaniline,pentachlorobenzonitrile,pentachlorothioanisole,permethrin cis,permethrin trans,phenonthrin,phosalone,phosmet,piperonyl butoxide,pirimiphos ethyl,pirimiphosmethyl,pretilachlor,procymidone,profluralin,propachlor,propanil,propisochlor,propyzamide,pyraclofos,pyrazophos,pyridaben,pyridafenthion,pyrimethanil,pyriproxyfen,quinalphos,quintozene,resmethrin,sulfotep,sulprophos,tau-fluvalinate,tebuconazole ,tebufenpyrad,tefluthrin,terbacil,terbuthylazine,tetrachlorvinphos,tetradifon,tetramethrin,tolclofos-methyl,transfluthrin,triadimefon,triadimenol,triallate,triazophos,triflumizole,trifluralin,vinclozolin	XT 92 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
42. High water content fruits and vegetables (stone fruits, apples, fruiting vegetables, leafy vegetables, citrus fruits, tubers-rhizomes, stem vegetables, small fruits, tropical fruits, legumes, cabbages, bulbous vegetables, fresh herbs, various individual, categories as mentioned in EC Regulations 396/2005 and EC 178/2006) **Stonefruit (Peaches)**	Determination of pesticide residues: 2-phenylphenol, acetochlor, acrinathrin, alachlor, atrazine, benfluralin, bhc-a, bhc-b,bhc-d,bhc-gamma, bromfenvinphos, bromophos-ethyl,bromophos-methyl,bromopropylate, carfentrazone-ethyl,chlorbenside,chlordane-cis,chlordane-trans,chlorfenson,chlorfenvinphos-1,chlorfenvinphos-2,chlorobenzilate,chlorpropham,chlorpyriphos,chlorpyriphos methyl,chlorthal-dimethyl,chlorthiophos-1,chlorthiophos-2,clomazone,cycloate,cyfluthrin,cypermethrin,cyprodinil,ddd-2,4,ddd-4,4,dde-2,4,dde-4,4,ddt-2,4,deltamethrin,diallate 1,diallate 2,dichloran,dimethachlor,diphenamid,diphenylamine, endosulfan 1,endosulfan ether,endosulfan sulfate,epn,ethion,ethylan,etofenprox,fenarimol,fenchlorphos,fenpropathrin,fenson,fenvalerate 1,fenvalerate 2,fluazifop-p-butyl,fluchloralin,flucythrinate 1,flucythrinate 2,fludioxonil,fluquinconazole,fluridone,flusilazole,flutolanil,flutriafol,fonofos,heptachlor,hexazinone,iodofenfos,isopropalin,l-cyhalothrin,lenacil,leptophos,malathion,metalaxyl,metazachlor,methoxychlor olefin-4,4,metolachlor,mevinphos,mgk 264-1,mirex,myclobutanil,nitralin,nitrofen,nonachlor-cis,nonachlor-trans,norflurazon,oxadiazon,paclobutrazol,penconazole,pentachloroaniline,pentachloroanisole,pentachlorobenzonitrile,pentachlorothioanisole,permethrin cis,permethrin trans,phenonthrin,phosalone,piperonyl butoxide,pirimiphos ethyl,pirimiphos methyl,pretilachlor,procymidone,propachlor,propisochlor,propyzamide,prothiofos,pyridaben,pyrimethanil, pyriproxyfen,quinalphos,quintozene,resmethrin,sulfotep,sulprophos,tau-fluvalinate,tebuconazole,tebufenpyrad,tefluthrin,terbuthylazine,tetrachloroaniline-2,3,5,6,tetradifon,tetrahydrophtalimide,tetramethrin,tolclofos-methyl,transfluthrin,triadimefon,triadimenol,triallate,triazophos,triflumizole,trifluralin,vinclozolin	XT 92 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
43. High water content fruits and vegetables (stone fruits, apples, fruiting vegetables, leafy vegetables, citrus fruits, tubers-rhizomes, stem vegetables, small fruits, tropical fruits, legumes, cabbages, bulbous vegetables, fresh herbs, various individual, categories as mentioned in EC Regulations 396/2005 and EC 178/2006) **Pome fruit (Apple)**	Determination of pesticide residues: 2-phenylphenol, acetochlor, acrinathrin, alachlor, anthraquinone, atrazine, benfluralin,bhc-a, bhc-b, bhc-d,bhc-gamma,bromfenvinphos,bromophos-ethyl, bromopropylate,carfentrazone-ethyl,chlorbenside,chlorfenson,chlorfenvinphos-1, chlorobenzilate, chlorpropham, chlorpyriphos,chlorpyriphos methyl,chlorthal-dimethyl,chlorthiophos-1,chlorthiophos-2,clomazone,cyfluthrin,cypermethrin,cyprodinil, ddd-2,4,ddd-4,4,dde-2,4,dde-4,4,ddt-2,4,deltamethrin,dichlofluanid,dichlorobenzophenone,4-4,dimethachlor,diphenamid,diphenylamine,endosulfan 1,endosulfan ether,endosulfan sulfate,epn,ethalfluralin,ethion,ethylan,etofenprox,fenarimol,fenchlorphos,fenson,fenthion,fenvalerate 1,fenvalerate 2,fluazifop-p-butyl,flucythrinate 1,flucythrinate 2,fludioxonil,fluquinconazole,fluridone,flusilazole,flutolanil,flutriafol,fonofos,heptachlor,hexazinone,isodrin,isopropalin,l-cyhalothrin,lenacil,malathion,metalaxyl,methoxychlor olefin-4,4,methyl-parathion,metolachlor,mirex,myclobutanil,nitralin,nitrofen,norflurazon,paclobutrazol,penconazole,pentachloroaniline,pentachlorothioanisole, permethrin cis,permethrin trans,phenonthrin,piperonyl butoxide,pirimiphos ethyl,pirimiphos methyl,pretilachlor,profluralin,propachlor,propanil,propyzamide,pyrazophos,pyridaben,pyrimethanil,pyriproxyfen,quinalphos,quintozene,sulfotep,sulprophos,tau-fluvalinate,tebuconazole,tebufenpyrad,tefluthrin,terbufos,terbuthylazine,tetrachloroaniline-2,3,5,6,tetradifon,tetrahydrophtalimide,tolclofos-methyl,tolylfluanid,transfluthrin,triadimenol,triallate,trifluralin,vinclozolin	XT 92 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
44. High water content fruits and vegetables (stone fruits, apples, fruiting vegetables, leafy vegetables, citrus fruits, tubers-rhizomes, stem vegetables, small fruits, tropical fruits, legumes, cabbages, bulbous vegetables, fresh herbs, various individual, categories as mentioned in EC Regulations 396/2005 and EC 178/2006) **High acid content (Kiwi)**	Determination of pesticide residues: 2-Phenylphenol, Acetochlor, Acrinathrin, Alachlor, Anthraquinone, Atrazine, Benfluralin, Bhc-A, Bhc-B, Bhc-D,Bromfenvinphos,Bromophos-Ethyl,Bromophos-Methyl,Bromopropylate,Bupirimate,Carfentrazone-Ethyl,Chlorbenside,Chlordane-Cis,Chlordane-Trans, Chlorfenson,Chlorfenvinphos-1,Chlorobenzilate,Chloroneb,Chlorpropham,Chlorpyriphos,Chlorpyriphos Methyl,Chlorthal-Dimethyl,Chlorthiophos-1,Chlorthiophos-2,Clomazone,Cycloate,Cyfluthrin,Cypermethrin,Cyprodinil,Ddd-2,4,Ddd-4,4,Dde-2,4,Dde-4,4,Ddt-2,4,Deltamethrin,Diallate 1,Diallate 2,Dichlofluanid,Dichloran,Dichlorobenzophenone,4-4,Dimethachlor,Diphenamid,Diphenylamine,Endosulfan 1,Endosulfan Ether,Endosulfan Sulfate,Epn,Ethalfluralin,Ethion,Ethylan,Etofenprox, Fenarimol,Fenchlorphos,Fenitrothion,Fenpropathrin, Fenson,Fenthion,Fenvalerate 1,Fenvalerate 2,Fluazifop-P-Butyl,Fluchloralin,Flucythrinate 1,Flucythrinate 2,Fludioxonil,Fluquinconazole,Fluridone,Flusilazole, Flutolanil,Flutriafol,Fonofos,Heptachlor,Hexachlorobenzene,Hexazinone,Iodofenfos,Iprodione,Isodrin,Isopropalin,L-Cyhalothrin,Lenacil,Leptophos,Malathion, Metazachlor,Methacrifos,Methoxychlor Olefin-4,4,Methyl-Parathion,Metolachlor,Mevinphos, Mirex,Myclobutanil,Nitralin,Nitrofen,Nonachlor-Cis, Nonachlor-Trans,Norflurazon,Oxadiazon,Oxyfluorfen,Paclobutrazol,Parathion,Penconazole,Pentachloroaniline,Pentachloroanisole,Pentachlorobenzonitrile,Pentachlorothioanisole,Permethrin Cis,Permethrin Trans,Phenonthrin,Phorate,Phosalone,Piperonyl Butoxide,Pirimiphos Ethyl,Pirimiphos Methyl,Pretilachlor,Procymidone,Prodiamine,Profenofos,Propachlor,Propanil,Propisochlor,Propyzamide, Pyrazophos,Pyridaben,Pyridafenthion,Pyrimethanil,Pyriproxyfen,Quinalphos,Quintozene,Sulfotep,Sulprophos, Tau-Fluvalinate, Tebuconazole, Tebufenpyrad,Tecnazene,Tefluthrin,Terbacil,Terbufos,Terbuthylazine, Tetrachloroaniline-2,3,5,6,Tetradifon,Tetrahydrophtalimide,Tetramethrin,Tolclofos-Methyl,Tolylfluanid,Transfluthrin,Triadimenol,Triallate,Triazophos,Triflural in	XT 92 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
45. High oil content plant origin products **Olives and olive oil**	Determination of pesticide residues: 2,3,5,6-Tetrachloroaniline, 2,4'-DDD , 2,4'-DDE , 2,4'-DDT , 2-Phenylphenol , 4,4'-DDD , 4,4'-DDE , 4,4'-DDE , 4,4'-DDT , 4,4'-Dichlorobenzophenone, 4,4'-Methoxychlor olefin, Acetochlor , Acrinathrin , Alachlor , Anthraquinone , Atrazine , Benfluralin , Bromfenvinphos, Bromophos-ethyl , Bromophos-methyl , Bromopropylate , Carbophenothion, Carfentrazone ethyl , Chlorbenside, Chlorfenson , Chlorfenvinphos 1 , Chlorfenvinphos 2, Chlorobenzilate , Chloroneb , Chloroneb , Chlorothalonil , Chlorpropham , Chlorpyrifos Chlorpyrifos methyl, Chlorthal-dimethyl , Chlorthiophos 1 , Chlorthiophos 2 , cis-Chlordane , cis-Nonachlor, cis-Permethrin , Clomazone , Cycloate , Cyfluthrin , Cypermethrin , Cyprodinil , Deltamethrin , Diallate 1 , Dicloran , Dimethachlor , Diphenamid , Diphenylamine , Endosulfan ether, Endosulfan I , Endosulfan sulfate ,EPN , Ethalfluralin , Ethion , Ethylan , Etridiazole , Fenamiphos , Fenarimol , Fenchlorphos , Fenitrothion , Fenpropathrin , Fenpropathrin , Fenson , Fenthion , Fenvalerate 1, Fenvalerate 2, Fipronil , Fluazifop-P-butyl , Flucythrinate 1 , Flucythrinate 2, Flucythrinate 2, Fludioxonil , Fluquinconazole , Flutolanil , Flutriafol , Fonofos , Heptachlor , Heptachlor epoxide , Iodofenphos, Isodrin , Isopropalin , Lenacil , Leptophos, Malathion , Metazachlor , Methoxychlor , Methyl parathion , Metolachlor , Mevinphos, MGK 264 1, MGK 264 2, Mirex , Myclobutanil , N-(2,4-Dimethylphenyl)formamide, Nitralin , Nitrofen , Norflurazon , Oxadiazon , Oxyfluorfen , Paclobutrazol , Pebulate , Penconazole , Pentachloroaniline , Pentachloroanisole , Pentachlorobenzonitrile, Pentachlorobenzonitrile, Pentachlorothioanisole , Pentachlorothioanisole , Phenothrin , Phosalone , Piperonyl butoxide , Pirimiphos ethyl , Pirimiphos methyl, Pretilachlor , Procymidone, Propachlor , Propanil , Propargite, Propisochlor , Propyzamide , Prothiofos , Pyrazophos , Pyridaben , Pyridaphenthion , Pyrimethanil , Pyriproxyfen , Quinalphos , Sulfotep , Tau-fluvalinate, Tebuconazole , Tebufenpyrad , Tecnazene, Tefluthrin , Terbacil , Terbufos , Terbuthylazine, Tetrachlorvinphos , Tetradifon , Tetramethrin , Tolclofos-methyl , Tolylfluanid , trans-Chlordane , Transfluthrin , trans-Nonachlor, trans-Permethrin , Triadimefon , Triallate , Triazophos, Triflumizole , Triflumizole , Trifluralin , Vinclozolin , α-BHC , β-BHC , γ-BHC , δ-BHC , λ-Cyhalothrin	XT 94 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
46. High sugar content products **Raisins and honey**	Determination of pesticide residues: 2,3,5,6-Tetrachloroaniline, 2-Phenylphenol, A-Bhc, Acrinathrin, Alachlor, Allidochlor, Anthraquinone, Atrazine, Azinphos_Ethyl, Azinphos_Methyl, B-Bhc, Benfluralin, Bifenthrin, Biphenyl, ,Bromfenvinphos, Bromfenvinphos_Methyl, Bromophos_Ethyl, Bromophos_Methyl, Bromopropylate, Carfentrazone_Ethyl, Chlorbenside, Chlordane_Trans, Chlorfenson, Chlorfenvinphos_1, Chlorfenvinphos_2, Chlorobenzilate, Chloroneb, Chlorpropham, Chlorpyriphos, Chlorpyriphos-Methyl, Chlorthal_Dimethy, Chlorthiophos-1, Chlorthiophos-2, Clomazone, Coumaphos, Cycloate, Cyfluthrin, Cypermethrin, Cyprodinil, D-Bhc, Ddd-2,4, Ddd-4,4, Dde-2,4, Dde-4,4, Ddt-2,4, Ddt-4,4, Deltamethrin, Diallate-1, Dichlobenil, Dichlofluanid, Dichloran, Dichlorobenzophenone-4,4, Dimethachlor, Diphenamid, Diphenylamine, Edifenphos, Endosulfan_1 Endosulfan_Ether, Endosulfan_Sulfate, , , Epn, Ethalfluralin, Ethion, Ethylan, Etofenprox, Etridiazole, Fenarimol, Fenchlorphos, Fenitrothion, Fenpropathrin, Fenpropathrin, Fenson, Fenthion, Fenvalerate-1, Fenvalerate-2, Fipronil, Fluazifop-P-Butyl, Fluchloralin, Flucythrinate-1, Flucythrinate-2, Fludioxonil, Fluquinconazole, Fluridone, Flusilazole, Flutolanil, Flutriafol, Fonofos, G-Bhc, Heptachlor, Hexachlorobenzene, Hexazinone, Iodofenphos, Iprodione, Isodrin, Isopropalin, L-Cyhalothrin, Lenacil, Leptophos, Malathion, Metazachlor, Methacrifos, Methoxychlor, Methoxychlor_Olefin-4,4, Methyl-Parathion, Metolachlor, Mevinphos, Mgk_264-1, Mgk_264-2, Mirex, Myclobutanil, Nitralin, Nitrofen, Nonachlor_Cis, Norflurazon, Oxadiazon, Oxyfluorfen, Paclobutrazol, Parathion, Pebulate, Penconazole, Pentachloroaniline, Pentachloroanisole, Pentachlorobenzene, Pentachlorobenzonitrile, Pentachlorothioanisole, Permethrin_Cis, Permethrin_Trans, Phorate, Phosalone, Phosmet, Piperonyl_Butoxide, Pirimiphos_Ethyl, Pirimiphos_Methyl, Pretilachlor, Procymidone, Profenophos, Propachlor, Propanil, Propargite, Propisochlor, Propyzamide, Prothiophos, Pyrazophos, Pyridaben, Pyridafenthion, Pyrimethanil, Pyriproxyfen, Quinalphos, Quintozene, Resmethrin, Sulfotep, Sulprophos, Tau-Fluvalinate, , ebuconazole, Tebufenpyrad, Tecnazene, Tefluthrin, Terbufos, Terbuthylazine, Tetrachlorvinphos, Tetradifon, , Tetrahydrophthalimide, Tetramethrin, Tolclofos_Methyl, Tolylfluanid, Transfluthrin, Triadimenol, Triallate, Triazophos, Triflumizole, Trifluralin, Vinclozolin	XT 90 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
47. Cereals and legume products **Rice**	Determination of pesticide residues: 2-Phenylphenol, Acetochlor, Acrinathrin, Alachlor, Anthraquinone, Atrazine, Benfluralin, Bhc-A, Bhc-B, Bhc-D, Bhc-Gamma, Bromfenvinphos, Bromophos-Ethyl, Bromophos-Methyl, Bromopropylate, Bupirimate, Carfentrazone-Ethyl, Chlorbenside, Chlordane-Cis, Chlordane-Trans, Chlorfenson, Chlorfenvinphos-1, Chlorobenzilate, Chlorpropham, Chlorpyriphos, Chlorpyriphos-Methyl, Chlorthal-Dimethyl, Chlorthiophos-1, Chlorthiophos-2, Clomazone, Cycloate, Cyfluthrin, Cypermethrin, Cyprodinil, Ddd-2,4, Ddd-4,4, Dde-2,4, Dde-4,4, Ddt-2,4, Ddt-4,4, Deltamethrin, Diallate 1, Diallate 2, Dichloran, Dichlorobenzophenone,4-4, Dimethachlor, Diphenamid, Diphenylamine, Endosulfan 1, Endosulfan Ether, Endosulfan Sulfate, Epn, Ethalfluralin, Ethion, Ethylan, Etofenprox, Fenarimol, Fenchlorphos, Fenpropathrin, Fenson, Fenthion, Fenvalerate 1, Fenvalerate 2, Fipronil, Fluazifop-P-Butyl, Fluchloralin, Flucythrinate 1, Flucythrinate 2, Fludioxonil, Fluquinconazole, Fluridone, Flusilazole, Flutolanil, Flutriafol, Fonofos, Heptachlor, Heptachlor Epoxide, Hexazinone, Iodofenfos, Isazophos, Isopropalin, L-Cyhalothrin, Lenacil, Leptophos, Malathion, Metazachlor, Methoxychlor Olefin-4,4, Methyl-Parathion, Metolachlor, Mgk 264-1, Mirex, Myclobutanil, Nitralin, Nitrofen, Nonachlor-Cis, Nonachlor-Trans, Norflurazon, Oxadiazon, Paclobutrazol, Penconazole, Pentachloroaniline, Pentachloroanisole, Pentachlorobenzonitrile, Pentachlorothioanisole, Permethrin Cis, Permethrin Trans, Phenonthrin, Phorate, Phosalone, Piperonyl Butoxide, Pirimiphos Ethyl, Pirimiphos Methyl, Pretilachlor, Propachlor, Propanil, Propyzamide, Prothiofos, Pyridaben, Pyridafenthion, Pyrimethanil, Pyriproxyfen, Quinalphos, Quintozene, Resmethrin, Sulfotep, Sulprophos, Tau-Fluvalinate, Tebuconazole, Tebufenpyrad, Tefluthrin, Terbufos, TerbuthylazineTetrachloroaniline-2,3,5,6, Tetradifon, Tetrahydrophtalimide, Tetramethrin, Tolclofos-Methyl, Transfluthrin, Triadimenol Triallate, Triflumizole, Trifluralin, Vinclozolin	XT 89 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

48. Cereals and legumes (Rice)	Determination of pesticide residue analysis: 3-Hydroxycarbofuran, Acetamiprid, Ametoctradin, Ametryn, Aminocarb, Amitraz, Anilofos, Aspon, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid, Benalaxyl, Benoxacor, Bensulfuron Methyl, Benthiavalicarb-isopropyl, Benzovindiflupyr, Brodifacoum, Bupirimate, Buprofezin, Buturon, Carbendazim, Carbofuran, Carboxin, Carfentrazone-ethyl, Chloridazon, Chlorotoluron, Chloroxuron, Climbazole, Clodinafop-Propargyl, Clomazone, Clothianidin, Crufomate, Cycluron, Cyflumetofen, Cyprodinil, Demeton-S-methyl sulfoxide, Diclobutrazol, Diclobutrazol, Diclosulam, Dicrotophos, Difenacoum, Difenoconazole Isomer, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph Isomer, Dioxacarb, Ditalimfos, Edifenphos, Epoxiconazole, Etaconazole Isomer, Ethiofencarb sulfoxide, Ethirimol, Ethoprophos, Etoxazole, Famphur, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram, Fenhexamid, Fenpiclonil, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon, Fenthion-sulfone, Fenuron, Flufenoxuron, Fluopicolide, Fluopyram, Flurprimidol, Flurtamone, Flusilazole, Fluxapyroxad, Formetanate HCl, Fosthiazate, Fuberidazole, Furalaxyl, Griseofulvin, Haloxyfop-methylESTER, Hexaconazole, Hydramethylnon, Imibenconazole, Imidacloprid, Isofenphos-methyl, Isoprocarb, Isopyrazam, Isoxadifen-ethyl, Isoxathion, Lenacil, Mefenacet, Mepanipyrim, Mepronil, mesosulfuron methyl, Metalaxyl M, Metalaxyl, Metamitron, Metconazole, Methabenzthiazuron, Methamidophos, Methiocarb Sulfoxide, Methoprotryne, Metosulam, Metoxuron, Metribuzin, Metsulfuron-Methyl, Mexacarbate, Monceren) Pencycuron, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Neburon, Nicosulfuron, Nitenpyram, Norflurazon, Ofurace, Omethoate, Oxadixyl, Oxamyl, Oxycarboxin, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prometon, Prometryne, Propamocarb, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pymetrozine, Pyracarbolid, Pyraclostrobin, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoclamine, Quinoxyfen, Rimsulfuron, Sebuthylazine, Secbumeton, Sedaxane, Sethoxydim, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spirotetramat, Spiroxamine Isomer, Tebuconazole, Tebufenpyrad, Tebuthiuron, Temephos, Terbumeton, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thifensulfuron-methyl, Thiobencarb, Tolfenpyrad, Tralkoxydim, Triasulfuron, Triazamate, Trichlorfon, Tricyclazole, Trifloxystrobin, Uniconazole, Vamidothion, Warfarin	XT 202 με LC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
49. Milk and milk products	Determination of pesticide residues: 2-phenylphenol, acetochlor, acrinathrin, alachlor, anthraquinone, atrazine, benfluralin, bhc-a bhc-b, bhc-d, bhc-gamma, bromfenvinphos, bromophos-ethyl, bromopropylate, bupirimate, carfentrazone-ethyl, chlorbenside, chlordane-cis, chlordane-trans, chlorfenson, chlorfenvinphos-1 chlorfenvinphos-2, chlorobenzilate, chloroneb, chlorpropham, chlorpyriphos, chlorpyriphos methyl, chlorthal-dimethyl, chlorthiophos-1, chlorthiophos-2, chlozolinate, clomazone, cycloate, cyfluthrin, cypermethrin, cyprodinil, ddd-2,4, ddd-4,4, dde-2,4, dde-4,4, ddt-2,4, ddt-4,4, deltamethrin, diallate 1, diallate 2, dichloran, dichlorobenzophenone,4-4, dimethachlor, diphenamid, diphenylamine, disulfoton,endosulfan 1, endosulfan ether, endosulfan sulfate, epn, ethalfluralin, ethion, ethylan, etofenprox, fenamiphos, fenarimol, fenitrothion, fenpropathrin, fenson, fenthion, fenvalerate 1, fenvalerate 2, fipronil, fluazifop-p-butyl, fluchloralin, flucythrinate 1, flucythrinate 2, fludioxonil, fluquinconazole, fluridone, flusilazole, flutolanil, flutriafol, heptachlor, hexazinone, iodofenfos, isazophos, isopropalin, lenacil, leptophos, malathion, metalaxyl, metazachlor, methacrifos, methoxychlor, methoxychlor olefin-4,4, methyl-parathion, metolachlor, mgk 264-1, myclobutanil, nitralin, nitrofen, norflurazon, oxadiazon, paclobutrazol, penconazole, pentachloroaniline, pentachlorobenzonitrile, permethrin cis, permethrin trans, phenonthrin, phosalone, piperonyl butoxide, pirimiphos ethyl, pirimiphos methyl, pretilachlor, procymidone, prodiamine, propachlor, propanil, propargite, propyzamide, pyrazophos, pyridaben, pyridafenthion, pyrimethanil, pyriproxyfen, quinalphos, resmethrin, sulfotep, sulprophos, tau-fluvalinate, tebuconazole, tebufenpyrad, tecnazene, tefluthrin terbufos, terbuthylazine, tetrachloroaniline-2,3,5,6, tetradifon, tetrahydrophtalimide, tetramethrin, tolclofos-methyl, tolylfluanid, transfluthrin, triadimenol, triallate, triazophos	XT 96 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
50. Tea, cocoa, coffee, spices, etc. **Oregano**	Determination of pesticide residues: 2-phenylphenol, acetochlor, atrazine, bhc-a, bhc-b, bhc-gamma, bromfenvinphos, bromophos-ethyl, bromophos-methyl, bromopropylate, carfentrazone-ethyl, chlorfenvinphos-1, chlorobenzilate, chlorothalonil, chlorpyriphos, chlorpyriphosmethyl, chlorthal-dimethyl, clomazone, cyfluthrin, ddd-2,4, ddd-4,4, dde-2,4, dde-4,4, ddt-2,4, deltamethrin, diallate 1, dichloran, dichlorobenzophenone,4-4, dimethachlor, edifenphos, endosulfanether, endosulfansulfate, ethalfluralin, ethion, fenchlorphos, fenpropathrin, fe, son, fluazifop-p-butyl, Heptachlor, iodofenfos, isazophos, malathion, metazachlor, methacrifos, myclobutanil, nitralin, nitrofen, oxadiazon, oxyfluorfen, penconazole, pentachloroaniline, pentachloroanisole, phosalone, piperonylbutoxide, pirimiphosethyl, procymidone, propanil, Propyzamide, pyridafenthion, Pyriproxyfen, quintozene, sulprophos, tau-fluvalinate, tebufenpyrad, tefluthrin, Terbufos, terbuthylazine, tetrachlorvinphos, tolclofos-methyl, transfluthrin, triadimenol, triallate, triazophos, triflumizole, trifluralin	XT 97 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS
51. Cotton	Determination of pesticide residues: 2,4'-DDE , 2-Phenylphenol,4,4'-DDE,4,4'-Dichlorobenzophenone,4,4'-Methoxychlor olefin Acrinathrin ,Anthraquinon, Atrazine ,Benfluralin,Bromopropylate,Carfentrazone ethyl Chlorbenside,Chlorobenzilate,Chlorpropham,Chlorpyrifos,Chlorpyrifos methyl,Chlorthal-dimethyl, cis-Permethrin,Clomazone,Cyfluthrin,λ Cyhalothrin, ,Cypermethrin,Cyprodinil,Deltamethrin,Dicloran,Diphenamid,Diphenylamine,Ethion,Etofenprox, Fenarimol,Fenchlorphos,Fenpropathrin,Fenson, Fenthion,Fluazifop butyl,Fludioxonil, Fluquinconazole Flutolanil,Flutriafol,Heptachlor,Isopropalin,Lenacil, Malathion,Mevinphos, Myclobutanil ,Paclobutrazol,Penconazole,Pentachloroaniline,Pentachlorothioanisole,Phenothrin,Piperonyl butoxide, Pirimiphos ethyl,Pirimiphos methyl ,Procymidone, Propyzamide,Pyridaben,Pyriproxyfen ,Tebuconazole, Tebufenpyrad,Tefluthrin,Terbuthylazine,Tetradifon,Tolclofos-methyl Transfluthrin,trans-Permethrin,Triflumizole	XT 98 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
52. Tobacco	Determination of pesticide residues: Allidochlor, benfluralin, bhc-a, bhc-b, bhc-d, bhc-gamma, bromfenvinphos, chlorfenson, chloronebChlorpropham, chlorpyriphos, chlorthal-dimethyl, cycloate, cyprodinil, diallate 1, dichlobenil, dichlorobenzophenone,4-4, dimethachlor, diphenylamine, ethion, fenitrothion, fenson, fluazifop-p-butyl, fluchloralin, malathion, methacrifos, metolachlor, nitrofen, oxadiazon, oxyfluorfen, penconazole, piperonyl butoxide, pirimiphos methyl, procymidone, propachlor, propanil, propyzamide, pyrazophos, pyrimethanil, sulfotep, tefluthrin, terbufos, tetrachloroaniline-2,3,5,6, tetradifon, tolclofos-methyl, transfluthrin, trifluralin	XT 102 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS
53. Wine	Determination of pesticide residues: Acrinathrin ,benfluralin ,bromophos-ethyl ,bromopropylate,Chlorbenside ,chlordane-cis ,chlordane-trans ,chlorfenson ,chlorobenzilate ,chlorthal-dimethyl ,chlorthiophos ,ddd-2,4 ddd-4,4 ,dde-2,4 ,dde-4,4 ,dimethachlor ,diphenamid ,endosulfan ,endosulfan ether ,ethion ,ethylan ,etofenprox,fenpropathrin ,fenson ,flusilazole, flutolanil ,l-cyhalothrin, methoxychlor olefin-4,4 ,metolachlor ,myclobutanil ,nonachlor-cis ,oxadiazon ,pentachloroaniline ,permethrin cis, permethrin trans ,piperonyl butoxide ,pirimiphos ethyl ,propyzamide ,pyridaben ,sulfotep ,tebuconazole , tebufenpyrad ,terbufos ,tetradifon ,tolclofos-methyl ,triallate ,trifluralin .	XT 88 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS
54. Soil	Determination of pesticide residues: 2-phenylphenol, acetochlor, acrinathrin, Benfluralin, bromopropylate, bupirimate,chlorbenside, chlordane-cis, chlordane-trans, chlorfenson, chlorobenzilate, chlorpropham, chlorthal-dimethyl, chlorthiophos-1, cycloate, cyprodinil, ddd-2,4, dde-2,4, dde-4,4, dimethachlor, diphenamid, endosulfan , ethion, ethylan, etofenprox, fenarimol, fenpropathrin, fludioxonil, fluquinconazole, flusilazole, flutolanil, flutriafol, hexazinone, l-cyhalothrin, methoxychlor olefin-4,4, metolachlor, mgk 264-1, myclobutanil, nonachlor- trans, norflurazon, oxadiazon, oxyfluorfen, paclobutrazol, penconazole, pentachloroaniline, permethrin cis, permethrin trans, pretilachlor, propyzamide, pyridaben,quinalphos, tebuconazole, tebufenpyrad, tefluthrin, terbufos, tetradifon, tetrahydrophtalimide, tetramethrin, transfluthrin, triadimenol, trifluralin	XT 93 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
55. Surface Water	Determination of pesticide residues: Benfluralin, chlordane-cis, chlordane-trans, chlorfenson, ddd-2,4,dde-2,4,dde-4,4,endosulfan 1,endosulfan ether, ethylan, etofenprox, fenarimol, fluazifop-p-butyl,fluquinconazole,flusilazole,flutolanil,hexazinone,l-cyhalothrin, lenacil,methoxychlor olefin-4,4,mirex,myclobutanil,nitralin,nonachlor-cis,nonachlor-trans, oxadiazon,paclobutrazol,permethrin cis,permethrin trans,phenonthrin,piperonyl butoxide,pyridaben,resmethrin,tebuconazole,tebufenpyrad,tetradifon,triallate,trifluralin	XT 101 / GC-MS-MS PESTICIDES In house method based in SANTE/11312/2021 with GC-MS/MS
56. Fruiting vegetables (Tomato)	Determination of pesticide residues: Acetamiprid, Ametoctradin, Ametryn, Aminocarb, Amitraz, Anilofos, Aspon, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid, Benalaxyl, Benoxacor, Bensulfuron Methyl, Bensulide, Benthiavalicarb-isopropyl, Benzovindiflupyr, Brodifacoum, Bupirimate, Buprofezin, Butafenacil, Buturon, Carbendazim, Carbofuran, Carboxin, Carfentrazone-ethyl, Chlorfluazuron, Chloridazon, Chlorotoluron, Chloroxuron, Chlorsulfuron, Clethodim, Climbazole, Clodinafop-Propargyl , Clomazone, Clothianidin, Crufomate, Cycloxydim. Cycluron, Cyflumetofen, Cyproconazole Isomer, Cyprodinil, Demeton-S-methyl sulfoxide, Diafenthiuron, Diclobutrazol, Dicrotophos, Difenacoum, Difenoconazole Isomer, Diflubenzuron, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph Isomer, Dioxacarb, Ditalimfos, Diuron, Edifenphos, Emamectin-benzoate b1a, Epoxiconazole, Etaconazole Isomer, Ethirimol, Ethofumesate, Ethoprophos, Etoxazole, Famphur, Fenamidone, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram,Fenhexamid, Fenoxycarb, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon, Fenthion-sulfone, Fenuron, Fipronil, Fipronil-desulfinyl, Fipronil-Sulfone, Flonicamid, Fluazinam, Flubendiamide, Fludioxinil, Flufenoxuron, Fluometuron, Fluopicolide, Fluopyram, Fluoxastrobin, Fluquinconazole, Flurprimidol, Flurtamone, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Forchlorfenuron, Formetanate HCl, Fosthiazate, Fuberidazole,Furalaxyl, Griseofulvin, Haloxyfop-methylESTER, Hexaconazole, Hexaflumuron, Hydramethylnon, Imazalil, Imibenconazole, Imidacloprid, Ipconazole Isomer, Isofenphos-methyl, Isoprocarb, Isoproturon, Isopyrazam, Isoxathion, Lenacil, Linuron, Lufenuron, Mandipropamid, Mefenacet, Mepanipyrim, Mepronil, mesosulfuron methyl, Metaflumizone, Metalaxyl M, Metalaxyl, Metamitron, Metconazole, Methabenzthiazuron, Methamidophos, Methiocarb Sulfoxide, Methoprotryne, Methoxyfenozide, Metobromuron, Metosulam, Metoxuron, Metribuzin, Metsulfuron-Methyl, Mexacarbate, Molinate,	XT 200 by LCMSMS In house method

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Monceren) Pencycuron, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Neburon, Nicosulfuron, Nitenpyram, Norflurazon, Novaluron, Nuarimol, Ofurace, Omethoate, Oxadixyl, Oxycarboxin, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prometon, Prometryne, Propamocarb, Propaquizafop, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pyracarbolid, Pyraclostrobin, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoclamine, Quinoxyfen, Rotenone, Sebuthylazine, Secbumeton, Sedaxane, Sethoxydim, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spinosad Spirotetramat, Spiroxamine Isomer, Sulfotep, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebutam, Tebuthiuron, Teflubenzuron, Temephos, Tepraloxydim, Terbumeton, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thidiazuron, Thifensulfuron-methyl, Thiobencarb, Thiophanate-methyl, Tolfenpyrad, Tralkoxydim, Triadimefon, Triasulfuron, Triazamate, Trichlorfon, Tricyclazole, Trifloxystrobin, Trifloxysulfuron (sodium), Triflumuron, Triflusulfuron-methyl, Vamidothion, Warfarin, Zoxamide, BAC-C8, BAC-C10, BAC-C12, BAC-C14, BAC-C16, BAC-C18, DDAC-C8, DDAC-C10, DDAC-C12	
57. Fresh legumes	Determination of pesticide residues: 3-Hydroxycarbofuran, Acetamiprid, Ametoctradin, Ametryn, Aminocarb, Amitraz, Anilofos, Aspon, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid, Benalaxyl, Benoxacor, Bensulfuron Methyl, Benthiavalicarb-isopropyl, Benzovindiflupyr, Boscalid, Brodifacoum, Bupirimate, Buprofezin, Butafenacil, Butoxycarboxim, Buturon, Cadusafos, Carbendazim, Carbofuran, Carbosulfan, Carboxin, Carfentrazone-ethyl, Chlorbromuron, Chloridazon, Chlorotoluron, Chloroxuron, Chlorsulfuron, Climbazole, Clodinafop-Propargyl, Clomazone, Crufomate, Cycluron, Cyflumetofen, Cyproconazole Isomer, Cyprodinil, Demeton-S-methyl sulfoxide, Diclobutrazol, Diclobutrazol, Diclosulam, Dicrotophos, Diethofencarb, Difenacoum, Difenoconazole Isomer, Diflufenican, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph Isomer, Dioxacarb, Ditalimfos, Diuron, Edifenphos, Emamectin-benzoate, Epoxiconazole, Etaconazole Isomer, Ethiofencarb sulfoxide, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Etobenzanid, Etoxazole, Famphur, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram, Fenhexamid, Fenobucarb, Fenoxycarb, Fenpiclonil, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon,	XT 198 LC-MS/MS In house method

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Fenthion-sulfone, Fenuron, Fluazuron, Flufenoxuron, Fluometuron, Fluopicolide, Fluopyram, Fluoxastrobin, Flurprimidol, Flurtamone, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Forchlorfenuron, Formetanate HCl, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Griseofulvin, Halosulfuron-methyl, Haloxyfop-methylester, Heptenophos, Hexaconazole, Hydramethylnon, Imazalil, Imibenconazole, Imidacloprid, Indaziflam, Ipconazole Isomer, Isofenphos-methyl, Isoprocarb, Isoprothiolane, Isoproturon, Isopyrazam, Isoxadifen-ethyl, Isoxathion, Lenacil, Linuron, Mefenacet, Mepanipyrim, Mepronil, mesosulfuron methyl, Metalaxyl M, Metalaxyl, Metamitron, Metconazole, Methabenzthiazuron, Methamidophos, Methiocarb Sulfoxide, Methoprotryne, Metobromuron, Metosulam, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-Methyl, Mexacarbate, Molinate, Monceren) Pencycuron, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Nitenpyram, Norflurazon, Ofurace, Omethoate, Oxadixyl, Oxycarboxin, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prometon, Prometryne, Propamocarb, Propaquizafop, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pymetrozine, Pyracarbolid, Pyraclostrobin, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoclamine, Quinoxyfen, Rimsulfuron, Sebuthylazine, Secbumeton, Sedaxane, Sethoxydim, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spirotetramat, Spiroxamine Isomer, Tebuconazole, Tebufenpyrad, Tebutam, Tebuthiuron, Temephos, Terbumeton, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thifensulfuron-methyl, Thiobencarb, Thiodicarb, Thiophanate-methyl, Tolfenpyrad, Tralkoxydim, Triadimefon, Triasulfuron, Triazamate, Trichlorfon, Tricyclazole, Trifloxystrobin, Trifloxysulfuron (sodium), Triflusulfuron-methyl, Vamidothion, Warfarin, Zoxamide	
58. Pome fruit (Apple)	Determination of pesticide residues: 3-Hydroxycarbofuran, Acetamiprid, Ametoctradin, Ametryn, Aminocarb, Amitraz, Anilofos, Aspon, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid, Benalaxyl, Benoxacor, Bensulfuron Methyl, Benthiavalicarb-isopropyl, Benzovindiflupyr, Brodifacoum, Bromadiolone, Buprofezin, Butafenacil, Buturon, Carbendazim, Carbofuran, Carboxin, Carfentrazone-ethyl, Chlorantraniliprole, Chlorfluazuron, Chloridazon, Chlorotoluron, Chloroxuron, Chlorsulfuron, Climbazole, Clodinafop-Propargyl, Clomazone, Clothianidin, Crufomate, Cycloxydim, Cycluron, Cyflumetofen, Cyprodinil, Demeton-S-methyl sulfoxide, Diafenthiuron, Diclobutrazol, Diclobutrazol,	XT 196 LC-MS/MS In house method

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Diclosulam, Dicrotophos, Difenacoum, Difenoconazole Isomer, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph Isomer, Dinotefuran, Dioxacarb, Ditalimfos, Edifenphos, Emamectin-benzoate, Epoxiconazole, Etaconazole Isomer, Ethiofencarb sulfoxide, Ethirimol, Ethoprophos, Etoxazole, Famphur, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram, Fenhexamid, Fenoxanil, Fenpiclonil, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon, Fenthion-sulfone, Fenuron, Flonicamid, Fluazuron, Flufenoxuron, Fluopicolide, Fluopyram, Fluoxastrobin, Flurprimidol, Flurtamone, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Formetanate HCl, Fuberidazole, Furalaxyl, Griseofulvin, Haloxyfop-methylESTER, Heptenophos, Hexaconazole, Hydramethylnon, Imazalil, Imibenconazole, Imidacloprid, Ipconazole Isomer, Isofenphos-methyl, Isoprocarb, Isopyrazam, Isoxadifen-ethyl, Isoxaflutole, Isoxathion, Linuron, Mandipropamid, Mefenacet, Mepanipyrim, Mepronil, mesosulfuron methyl, Metalaxyl M, Metalaxyl, Metamitron, Metconazole, Methabenzthiazuron, Methamidophos, Methiocarb Sulfoxide, Methoprotryne, Metosulam, Metoxuron, Metribuzin, Metsulfuron-Methyl, Mexacarbate, Molinate, Monceren) Pencycuron, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Neburon, Nicosulfuron, Nitenpyram, Norflurazon, Ofurace, Omethoate, Oxadixyl, Oxycarboxin, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prometon, Prometryne, Propamocarb, Propaquizafop, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pyracarbolid, Pyraclostrobin, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoclamine, Quinoxyfen, Rotenone, Sebuthylazine, Secbumeton, Sedaxane, Sethoxydim, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spirotetramat, Spiroxamine Isomer, Sulfotep, Tebuconazole, Tebufenpyrad, Tebutam, Tebuthiuron, Temephos, Terbumeton, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thidiazuron, Thifensulfuron-methyl, Thiobencarb,0 Thiophanate-methyl, Tolfenpyrad, Tralkoxydim, Triasulfuron, Triazamate, Trichlorfon, Tricyclazole, Trifloxystrobin, Trifloxysulfuron (sodium), Triflusulfuron-methyl, Vamidothion, Warfarin, Zoxamide	
59. Stonefruit (Peaches)	Determination of pesticide residues: 2,3,5-Trimethacarb, 3-Hydroxycarbofuran, Acetamiprid, Ametoctradin, Ametryn, Aminocarb, Amitraz, Anilofos, Aspon, Asulam, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid,	XT 199 LC-MS/MS : In house method

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Benalaxyl, Benoxacor, Bensulfuron Methyl, Benthiavalicarb-isopropyl, Benzovindiflupyr, Boscalid, Brodifacoum, Bupirimate, Buprofezin, Butafenacil, Butoxycarboxim, Buturon, Cadusafos, Carbendazim, Carbofuran, Carboxin, Chlorantraniliprole, Chlorbromuron, Chlorfluazuron, Chloridazon, Chlorotoluron, Chloroxuron, Climbazole, Clodinafop-Propargyl, Clomazone, Clothianidin, Crufomate, Cycloxydim, Cycluron, Cyflumetofen, Cyproconazole Isomer, Cyprodinil, Demeton-S-methyl sulfoxide, Diafenthiuron, Diclobutrazol, Dicrotophos, Difenacoum, Difenoconazole Isomer, Diflufenican, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph Isomer, Dimoxystrobin, Dioxacarb, Ditalimfos, Diuron, Edifenphos, Emamectin-benzoate, Epoxiconazole, Etaconazole Isomer, Ethiofencarb sulfoxide, Ethirimol, Ethofumesate, Ethoprophos, Etobenzanid, Etoxazole, Famphur, Fenamidone, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram, Fenobucarb, Fenoxanil, Fenoxycarb, Fenpiclonil, Fenpropidin, Fenpropimorph, Fenpyroximate, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon, Fenthion-sulfone, Fenuron, Flonicamid, Fluazuron, Flufenoxuron, Fluometuron, Fluopicolide, Fluopyram, Fluoxastrobin, Flurprimidol, Flurtamone, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Forchlorfenuron, Formetanate HCl, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Griseofulvin, Haloxyfop-methylESTER, Heptenophos, Hydramethylnon, Imazalil, Imibenconazole, Imidacloprid, Indaziflam, Ipconazole Isomer, Isofenphos-methyl, Isoprocarb, Isoproturon, Isopyrazam, Isoxadifen-ethyl, Isoxathion, Lenacil, Linuron, Mandipropamid, Mefenacet, Mepanipyrim, Mepronil, mesosulfuron methyl, Metalaxyl M, Metalaxyl, Metamitron, Metconazole, Methabenzthiazuron, Methamidophos, Methiocarb Sulfoxide, Methoprotryne, Metobromuron, Metosulam, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-Methyl, Mexacarbate, Molinate, Monceren) Pencycuron, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Nicosulfuron, Nitenpyram, Norflurazon, Nuarimol, Ofurace, Omethoate, Oxadixyl, Oxycarboxin, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prometon, Prometryne, Propamocarb, Propaquizafop, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pyracarbolid, Pyraclostrobin, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoxyfen, Sebuthylazine, Secbumeton, Sethoxydim, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spiroxamine Isomer, Sulfotep, Tebuconazole, Tebufenpyrad, Tebutam, Tebuthiuron, Temephos,	

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Terbumeton, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thidiazuron, Thifensulfuron-methyl, Thiobencarb, Thiophanate-methyl, Tolfenpyrad, Tralkoxydim, Triazamate, Trichlorfon, Tricyclazole, Trifloxystrobin, Trifloxysulfuron (sodium), Triflusulfuron-methyl, Vamidothion, Warfarin, Zoxamide	
60. High acid content (Kiwi)	Determination of pesticide residues: 2,3,5-Trimethacarb, 3-Hydroxycarbofuran, Acetamiprid, Ametoctradin, Ametryn, Aminocarb, Amitraz, Anilofos, Aspon, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid, Benalaxyl, Benoxacor, Bensulfuron Methyl, Benthiavalicarb-isopropyl, Benzovindiflupyr, Boscalid, Brodifacoum, Bromucanozole Isomer, Bupirimate, Buprofezin, Butafenacil, Butocarboxim, Butoxycarboxim, Buturon, Cadusafos, Carbendazim, Carbofuran, Carboxin, Carfentrazone-ethyl, Chlorbromuron, Chlorfluazuron, Chloridazon, Chlorotoluron, Chloroxuron, Chlorsulfuron, Climbazole, Clodinafop-Propargyl, Clomazone, Clothianidin, Crufomate, Cyazofamid, Cycloxydim, Cycluron, Cyflumetofen, Cyproconazole Isomer, Cyprodinil, Demeton-S-methyl sulfoxide, Diclobutrazol, Diclosulam, Dicrotophos, Diethofencarb, Difenacoum, Difenoconazole Isomer, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dimethomorph Isomer, Dimoxystrobin, Dioxacarb, Ditalimfos, Diuron, Edifenphos, Emamectin-benzoate, Epoxiconazole, Etaconazole Isomer, Ethiofencarb sulfoxide, Ethiprole, Ethirimol, Ethofumesate, Ethoprophos, Etobenzanid, Etoxazole, Famphur, Fenamidone, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram, Fenhexamid, Fenobucarb, Fenoxycarb, Fenpiclonil, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon, Fenthion-sulfone, Fenuron, Flonicamid, Flufenoxuron, Fluometuron, Fluopicolide, Fluopyram, Fluoxastrobin, Fluquinconazole, Flurprimidol, Flurtamone, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Forchlorfenuron, Formetanate HCl, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Griseofulvin, Haloxyfop-methylESTER, Heptenophos, Hexaconazole, Hydramethylnon, Imazalil, Imibenconazole, Imidacloprid, Indaziflam, Ipconazole Isomer, Isofenphos-methyl, Isoprocarb, Isoproturon, Isopyrazam, Isoxaflutole, Isoxathion, Lenacil, Linuron, Mandipropamid, Mefenacet, Mepanipyrim, Mepronil, mesosulfuron methyl, Metalaxyl M, Metalaxyl, Metconazole, Methabenzthiazuron, Methamidophos, Methiocarb Sulfoxide, Methoprotryne, Metobromuron, Metosulam, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-Methyl, Mexacarbate, Molinate, Monceren) Pencycuron, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Neburon,	XT 197 LC-MS/MS In house method based

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Nicosulfuron, Nitenpyram, Norflurazon, Nuarimol, Ofurace, Omethoate, Oxadixyl, Oxycarboxin, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad,, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prochloraz, Prometon, Prometryne, Propaquizafop, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pyracarbolid, Pyraclostrobin, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoxyfen, Rotenone, Sebuthylazine, Secbumeton, Sedaxane, Sethoxydim, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spirotetramat, Spiroxamine Isomer, Tebuconazole, Tebufenpyrad, Tebutam, Tebuthiuron, Temephos, Terbumeton, Terbutryn, Thiacloprid, Thidiazuron, Thifensulfuron-methyl, Thiobencarb, Thiophanate-methyl, Tolfenpyrad, Tralkoxydim, Triadimefon, Triasulfuron, Triazamate, Tricyclazole, Trifloxystrobin, Trifloxysulfuron (sodium), Triflusulfuron-methyl, Triticonazole, Vamidothion, Warfarin, Zoxamide	
61. High oil content plant origin products (Olives)	Determination of pesticide residues: Acetamiprid, Ametoctradin, Ametryn, Aminocarb, Amitraz, Anilofos, Azaconazole, Azamethiphos, Azoxystrobin, Beflubutamid, Benalaxyl, Bensulfuron Methyl, Bensulide, Benthiavalicarb-isopropyl, Brodifacoum, Bromucanozole Isomer, Bupirimate, Buprofezin, Buturon, Carbendazim, Carbofuran, Carbosulfan, Carboxin, Carfentrazone-ethyl, Chlorfluazuron, Chloridazon, Chlorotoluron, Chloroxuron, Clethodim, Climbazole, Clodinafop-Propargyl, Clomazone, Crufomate, Cycluron, Cyflumetofen, Demeton-S-methyl sulfoxide, Diafenthiuron, Diclobutrazol, Diclosulam, Dicrotophos, Difenacoum, Difenoconazole Isomer, Diflubenzuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethomorph Isomer, Ditalimfos, Diuron, Edifenphos, Emamectin-benzoate, Epoxiconazole, Etaconazole Isomer, Ethiprole, Ethirimol, Ethoprophos, Etoxazole, Famphur, Fenamidone, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram, Fenoxycarb, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon, Fenuron, Fipronil, Fipronil-desulfinyl, Fipronil-Sulfone, Fluazinam, Flubendiamide, Fludioxinil, Flufenoxuron, Fluometuron, Fluopicolide, Fluopyram, Fluoxastrobin, Flurprimidol, Flurtamone, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Forchlorfenuron, Formetanate HCl, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Griseofulvin, Haloxyfop-methylESTER, Hexaconazole, Hexaflumuron, Hydramethylnon, Imazalil, Imibenconazole, Imidacloprid, Ipconazole Isomer, Isofenphos-methyl, Isoproturon, Isopyrazam, Isoxathion, Linuron, Lufenuron, Mefenacet,	XT 201 LC-MS/MS In house method

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Mepanipyrim, Mepronil, mesosulfuron methyl, Metaflumizone, Metalaxyl M, Metalaxyl, Metconazole, Methabenzthiazuron, Methoprotryne, Methoxyfenozide, Metobromuron, Metosulam, Metoxuron, Metsulfuron-Methyl, Mexacarbate, Molinate, Monceren) Pencycuron, Monolinuron, Monuron, Myclobutanil, Norflurazon, Novaluron, Nuarimol, Omethoate, Oxadixyl, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prometon, Prometryne, Propamocarb, Propaquizafop, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pymetrozine, Pyracarbolid, Pyraclostrobin, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoxyfen, Sebuthylazine, Secbumeton, Sedaxane, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spinetoram, Spirotetramat, Spiroxamine Isomer, Sulfotep, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebutam, Tebuthiuron, Teflubenzuron, Temephos, Tepraloxydim, Terbumeton, Terbutryn, Thiacloprid, Thidiazuron, Thifensulfuron-methyl, Thiobencarb, Thiophanate-methyl, Tolfenpyrad, Tralkoxydim, Triadimefon, Triazamate, Tricyclazole, Trifloxystrobin, Triflumuron, Triflusulfuron-methyl, Triticonazole, Zoxamide	
62. High sugar content products (Honey)	Determination of pesticide residues: Acetamiprid, Ametryn, Aminocarb, Aspon, Azaconazole, Azamethiphos, Beflubutamid, Benalaxyl, Benoxacor, Benthiavalicarb-isopropyl, Benzovindiflupyr, Brodifacoum, Bupirimate, Buprofezin, Butafenacil, Buturon, Carbendazim, Carbofuran, Carboxin, Carfentrazone-ethyl, Chlorfluazuron, Chloridazon, Chlorotoluron, Climbazole, Clodinafop-Propargyl, Crufomate, Cycluron, Cyflumetofen, Cyproconazole Isomer, Cyprodinil, Demeton-S-methyl sulfoxide, Diclobutrazol, Diclosulam, Dicrotophos, Difenacoum, Difenoconazole Isomer, Diflufenican, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Dimethoate, Dioxacarb, Ditalimfos, Diuron, Emamectin-benzoate, Epoxiconazole, Etaconazole Isomer, Ethirimol, Ethofumesate, Ethoprophos, Etobenzanid, Etoxazole, Famphur, Fenamidone, Fenamiphos Sulfone, Fenamiphos sulfoxide, Fenazaquin, Fenbuconazole, Fenfuram, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fensulfothion, Fenthion oxon sulfoxide, Fenthion Sulfoxide, Fenthion-oxon, Fenthion-sulfone, Fenuron, Fluazuron, Flufenoxuron, Fluometuron, Fluopicolide, Fluopyram, Flurprimidol, Flurtamone, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Forchlorfenuron, Formetanate HCl, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Furmecyclox, Griseofulvin, Haloxyfop-methylESTER, Hexaconazole, Hydramethylnon, Imazalil, Imibenconazole,	XT 203 LC-MS/MS In house method

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
	Imidacloprid, Ipconazole Isomer, Isofenphos-methyl, Isoprocarb, Isoproturon, Isopyrazam, Isoxathion, Lenacil, Linuron, Mefenacet, Mepanipyrim, Mepronil, mesosulfuron methyl, Metalaxyl M, Metalaxyl, Metamitron, Metconazole, Methabenzthiazuron, Methamidophos, Methiocarb Sulfoxide, Methoprotryne, Metosulam, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-Methyl, Mexacarbate, Molinate, Monceren) Pencycuron, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Neburon, Nicosulfuron, Norflurazon, Ofurace, Omethoate, Oxadixyl, Oxycarboxin, Paclobutrazol, Paraoxon, Penconazole, Penflufen, Penoxsulam, Penthiopyrad, Phosphamidon, Picolinafen, Picoxystrobin, Pinoxaden, Piperophos, Pirimicarb Desmethyl, Pirimicarb, Prometon, Prometryne, Propamocarb, Propaquizafop, Propiconazole Isomer, Proquinazid, Prosulfocarb, Pyracarbolid, Pyraclostrobin, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriminobac-methyl(E), Pyriofenone, Pyriproxyfen, Pyroxsulam, Quinoxyfen, Sebuthylazine, Secbumeton, Sedaxane, Siduron, Silthiofam, Simazine, Simetryn, Spinetoram, Spirotetramat, Spiroxamine Isomer, Sulfotep, Tebuconazole, Tebufenpyrad, Tebutam, Tebuthiuron, Temephos, Terbumeton, Terbutryn, Tetraconazole, Thiacloprid, Thiamethoxam, Thidiazuron, Thifensulfuron-methyl, Thiobencarb, Tolfenpyrad, Tralkoxydim, Triasulfuron, Triazamate, Trichlorfon, Tricyclazole, Trifloxystrobin, Trifloxysulfuron (sodium), Triflusulfuron-methyl, Vamidothion, Zoxamide	
63. Fruiting vegetables	Determination of polar pesticides: Glyphosate AMPA, N-Acetyl-AMPA Glufosinate, MPPA, N-Acetyl-Glufosinate,	XT 191 LC-MS/MS In house method based on QuPPe Method Version 12
64. Herbs (Oregano)	Determination of Glyphosate	XT 191 LC-MS/MS In house method based on QuPPe Method Version 12
65. Citrus fruits-Kiwi	Determination of polar pesticides: Fosetyl and Phosphonic acid	XT 192 LC-MS/MS In house method based on QuPPe Method Version 12
66. Fruiting vegetables	Determination of polar pesticides: Chlorate Perchlorate Bromide Bromate	XT 193 - LC-MS/MS In house method based on QuPPe Method Version 12
Sampling		
Products of plant origin: (include: Fruits and vegetables with high water content (nuts,	Sampling for analysis of pesticide residues	ISO 7002-1986, Guide 2002/63/ EE OE/X/D

Tested materials / products	Types of test / Properties to be measured	Applied Methods / Techniques to be used
apples, fruit vegetables, leafy vegetables, citrus fruits, tuberous-rhizomatous, vegetables with stems, small fruits, tropical fruits, legumes, turnips, bulbous vegetables, various bulbous vegetables as referred to in Regulations EC 396/2005 and EC 178/2006) Vegetable products with high fat content Flour, cereals and their products (Bread, Spaghetti), legumes, nuts and herbs,		

*Υ.Α. Δ1(δ)/ΓΠ οικ. 27829/2023 (ΦΕΚ 3525/Β` 25.5.2023) on the quality of water intended for human consumption.

Site of assessement: **7th km of Ioannina–Athens road, 45500, Ioannina, Greece**
Approved signatories: **Sotiris Tzimas, Barda Elina, Siozou Eirini**

This scope of Accreditation replaces the previous one, dated 23.07.2024.
The Accreditation Certificate No. **139-**14, according to ELOT EN ISO/IEC 17025:2017, is valid until 15.09.2028.

Athens, 16.12.2024

Konstantinou Evangelos Apostolos
CEO of ESYD