Hellenic Accreditation System

Annex F1B/5 to the Certificate No. **90**-9

SCOPE of ACCREDITATION

Of the

Chemical Analysis Section Testing Laboratory

Of

PPC TESTING, INSPECTION AND CERTIFICATION SINGLE MEMBER S.A.

(PPC INSPECTRA)

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
Chemical tests		
Petroleum products (liquid fuels and lubricants)	Determination of density, with digital density meter	ASTM D 4052: 2018a ΕΛΟΤ EN ISO 12185:2024
	Determination of density, with digital Stabinger meter	ASTM D 7042: 2021
	Determination of dynamic and kinematic viscosity, with Stabinger viscometer	ASTM D7042: 2021
	Calculation of viscosity index (VI)	ASTM D2270:2010 (2016)
	Calculation of carbon aromaticity index (CCAI)	ISO 8217: 2017
	Determination of Cleveland open cup flash point and fire point	ASTM D92: 2018 ΕΛΟΤ EN ISO 2592:2017
	Determination of Pensky-Martens closed cup flash point	ASTM D93: 2020 ΕΛΟΤ EN ISO 2719: 2021
	Determination of water, by distillation	ASTM D95: 2013 (2018)
	Determination of carbon, hydrogen and nitrogen	ASTM D5291: 2016
	Determination of heat of combustion (gross and net)	ASTM D 240:19
	Determination of carbon residue (micro method)	ASTM D4530: 2015 (2020)

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
Petroleum products (liquid fuels and lubricants) (continued)	Determination of total base number (TBN)	ASTM D2896: 2015
	Determination of water by coulometric Karl Fischer titration	ASTM D 6304: 2020
	Color	ASTM D1500-12 (2017)
	Oxidation stability by rotating pressure vessel	ASTM D 2272:22
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	IP 501/2005
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Petroleum products (lubricants)	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	ASTM D 5185-18:2018
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Transformer oils and insulating oils	Determination of polychlorinated biphenyls (PCBs)	IEC 61619:1997
	Determination of Polychlorinated Triphenyls (PCTs) and Polychlorinated Benzyltoluenes (PCBTs)	ELOT EN 12766.03
	Determination of Furan Compounts	ASTM D5837:2023
	Determination of water by coulometric Karl Fischer titration	ASTM D 6304: 2020
	Determination of density, with Stabinger viscometer	ASTM D 7042: 2021
	Determination of dynamic and kinematic viscosity, with Stabinger viscometer	ASTM D7042: 2021

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
Transformer oils and insulating oils (continued)	Calculation of viscosity index (VI)	ASTM D2270:2010 (2016)
	Determination of density, with digital density meter	ASTM D 4052: 2022
	Visual Examination	ASTM D1524-94.R10
	Kinetic Viscosity	ASTM 7042-21
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	ASTM D 7151-15:2016
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Solid Fuels (lignite) and Combustion residues	Determination of Hg	EPA 7473: 2007
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	ASTM D 6357-21
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Solid waste (solid fuels residues, ashes, sludge)	Determination of Hg	EPA 7473: 2007
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	ASTM D 6349-21
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
1. Water for human consumption, surface water, ground water 2. Waste-Wastewater 3. Pool water * only for categories 1,2 ** only for category 1 *** only for categories 1,3	Determination of pH	ELOT ISO 10523: 2012
	Determination of electrical Conductivity	ELOT EN 27888: 1993
	Determination of Free (Residual) Chlorine	ISO 7393-2:2018
	Determination of Total and Combined Chlorine	ISO 7393-2:2018
	Determination of Ammonium (NH_4^+) and free ammonia *	HACH LCK 304 HACH LCK 305
	Determination of Phenols *	HACH LCK 345
	Determination of free CN *	HACH LCK 315
	Determination of F-, Cl-, NO2-, Br-, NO3, SO4--, PO4-3 *	ELOT EN ISO 10304.01:2010
	Determination of BrO_3^-**	ELOT EN ISO 15061:2001
	Determination of ClO_3^-, ClO_2^- **	ELOT EN ISO 10304.04:2022
	Determination of Hardness (calculation)**	APHA 2340 B
	Determination of Total Organic Carbon (TOC)*	APHA 5310 A, B
	Determination of Total Nitrogen (TN)*	EN 12260:2003
	Determination of Odor **	ELOT EN 1622:2006
	Determination of Taste **	ELOT EN 1622:2006
	Determination of Turbidity ***	ELOT EN ISO 7027-1:2016
	Determination of Oxidability *	ISO 8467:1993
	Determination of Color **	HACH 8025
	Determination of Silicates**	HACH Method 8185
	Determination of Formaldehyde **	LCK 425
	Determination of Adsorbable Organic Halogens (AOX) **	LCK 390
	Determination of Biochemical Oxygen Demand (BOD5)*	APHA 5210D

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
1. Water for human consumption, surface water, ground water 2. Waste-Wastewater 3. Pool water (continued) * only for categories 1,2 ** only for category 1 *** only for categories 1,3	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	ELOT EN ISO 17294.01:2006 ELOT EN ISO 17294-2:2016 ISO 11885:2009
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
	Determination of PAHs* Anthracene Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Fluorene Indeno[1,2,3-cd]pyrene Phenanthrene Pyrene	In house method based on EPA 525. (O_EXYΠ.X4.04) with GC-MSMS
	Determination of PBDEs* 2,2',4,4',5,5'-hexabromodiphenyl ether (BDE-153) 2,2',3,4,4',5,6'-heptabromodiphenyl ether (BDE-183) 2,2',4,4',5,6'-hexabromodiphenyl ether (BDE-154) 2,2',3,4,4',5,5',6'-Octabromodiphenyl ether (BDE-203) 2,2',4,4',5-pentabromodiphenyl ether (BDE-99) 2,2',4,4',6-pentabromodiphenyl ether (BDE-100) 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) 2,4,4'-tribromodiphenyl ether (BDE-28)	In house method based on EPA 525. (O_EXYΠ.X4.04) with GC-MSMS
	Determination of Microcystine LR*	In house method based on (O_EXYΠ.X4.06) with LC-MSMS
	Determination of Acrylamide **	In house method based on (O_EXYΠ.X4.06) with LC-MSMS
	Determination of Bisphenols A, F, S*	In house method based on (O_EXYΠ.X4.06) with LC-MSMS
Water for human consumption	Determination of Pesticide Residues 2,3,5,6-Tetrachloroaniline, Acephate, Acetochlor, Aclonifen, Acrinathrin, Alachlor, Aldrin, Azoxystrobin, Beflubutamid, Benalaxyl, Benfluralin,	In house method based on EPA 525. (O_EXYΠ.X4.04) with GC-MSMS

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Benthiavalicarb-isopropyl, Benzoximate, BHC-alpha, BHC-beta, BHC-delta, BHC-gamma (Lindane), Bifenox, Bifenthrin, Boscalid, Bromfenvinfos, Bromfenvinfos-methyl, Bromophos, Bromophos-ethyl, Bromopropylate, Bromuconazole, Bupirimate, Buprofezin, Butafenacil, Butralin, Cadusafos, Chlordane-cis, Chlordane-trans, Chlorfenapyr, Chlorfenson,Chlorfenvinphos, Chlorobenzilate, Chlorpropham Chlorpyrifos, Chlorpyrifos-methyl, Clodinafop-propargyl, Clomazone, Cloquintocet-mexyl, Crimidine, Cyanophos, Cyfluthrin mix of isomers, Cyhalofop-butyl, Cyhalothrin (Lambda), Cypermethrin mix of isomers, Cyprodinil, DCPA, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDT-o,p', DDT-p,p', DEET, Deltamethrin, Diallate, Dichlofenthion, Dichloran, Dichlorobenzophenone, 4,4'-Diclobutrazol, Dieldrin, Diethofencarb, Difenoconazole, Diflufenican, Dimethachlor, Dimethenamid, Dimethomorph, Dimoxystrobin, Diniconazole, Dinitramine, Diphenamid, Diuron, Edifenphos, Endosulfan-alpha, Endosulfan-beta, Endosulfan,sulfate, Endrin-ketone,Endrin Epoxiconazole, Etaconazole, Ethalfluralin, Ethofenprox, Ethofumesate, Ethoprophos, Ethylan, Etoxazole, Etrimfos, Famphur, Fenamidone, Fenarimol, Fenazaquin, Fenbuconazole, Fenchlorphos oxon, Fenitrothion, Fenobucarb, Fenpropathrin, Fenpropimorph, Fenson, Fensulfothion sulfon, Fenvalerate, Fluazifop-butyl, Fluchloralin, Flucythrinate, Flufenacet, Flumetralin, Fluorochloridone, Flurprimidol, Flusilazole, Flutolanil, Flutriafol, Fosthiazate, Furalaxyl, Halfenprox, Haloxyfop-2-ethoxyethyl, Haloxyfop-methyl, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptachlor, Heptenophos, Hexachlorobenzene, Hexaconazole, Hexazinone, Iodofenphos, Ioxynil octanoate, Ipconazole, Iprobenfos, Isazofos, Isodrin, Isoprocarb, Isopropalin, Isoprothiolane, Isopyrazam, Kresoxim-methyl, MCPA-butoxyethyl, MCPA-methyl, Mefenacet, Mefenpyr-diethyl, Mepanipyrim, Mephosfolan, Metazachlor, Metconazole, Methacrifos, Methoxychlor olefin, Methoxychlor o,p', Methoxychlor p,p', Metolachlor S, Metrafenone, Metribuzin, MGK-264,Mirex,Monolinuron, Myclobutanil, Nitrofen, Nitrothal-isopropyl, Nonachlor	

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	cis, Nonachlor trans, Norflurazon, Nuarimol, Octachlorodipropyl ether, Ofurace, Oxadiazon, Oxadixyl, Oxyfluorfen, Paclobutrazol, Paraoxon-methyl, Parathion, Parathion-methyl, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachlorobenzene, Pentachlorobenzonitrile, Pentachloronitrobenzene, Pentachlorophenol, Pentachlorothioanisol, Picolinafen, Picoxystrobin, Piperonyl butoxide, Pirimicarb,Pirimiphos-methyl, Pretilachlor, Prodiamine, Profenofos, Profluralin, Prometon, Propachlor, Propanil, Propaquizafop, Propazine, Propoxur, Propyzamide, Prothiofos, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyrimidifen, Pyriproxyfen, Quinoxyfen, Quizalofop-ethyl, Ronnel (Fenchlorphos), Simeconazole, Spiromesifen, Tebuconazole,Tebufenpyrad, Tecnazene, Tefluthrin, Terbumeton, Terbuthylazine, Tetraconazole, Tetramethrin, Tetrasul, Tolclofos-methyl, Transfluthrin, Triadimefon, Triadimenol, Triallate, Triazophos, Trifloxystrobin, Trifluralin, Trimethacarb, 2,3,5-Trimethacarb, 3,4,5-Uniconazole-P.	
	Determination of Pesticide Residues Acephate, Acetamiprid, Acetochlor,Acibenzolar-S-Methyl,Aclonifen, Alachlor, Aldicarb-sulfone (Aldoxycarb),Aldicarb-sulfoxide, Amidosulfuron, Atrazine, Atrazine-desethyl, Avermectin, Azaconazole, Azamethiphos,Azimsulfuron,, Azoxystrobin, Barban, Beflubutamid, Benalaxyl, Bensulfuron-methyl, Benthiavalicarb-isopropyl, Benzoximate, Bifenox, Bispyribac-sodium, Bixafen, Boscalid, Bromfenvinfos, Bromuconazole, Bupirimate,Buprofezin, Butafenacil, Butocarboxim-sulfoxid, Butoxycarboxim, Butralin, Buturon, Cadusafos, Carbaryl, Carbetamide, Carbofuran,Carbofuran-3-hydroxy,Carfentrazone-ethyl, Carpropamid, Chlorbromuron, Chlorbufam, Chlorfenvinphos, Chlorfenvinphos, Chloridazone, Chlorotoluron, Chlorpropham, Chlorsulfuron, Climbazole, Clodinafop acid, Clofentezine, Clomazone, Cloquintocet-1-methyl-hexyl ester, Cloransulam-methyl, Clothiandin,	In house method (O_EXYΠ.X4.05) with LC-QTOF Positive ionization

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Crimidine, Cyanazine, Cyantraniliprole,Cyazofamid, Cycluron, Cyflufenamid, Cyhalofop butyl, Cyproconazole, Cyromazine, DEET Demeton-S-methylsulfone, Diclobutrazol, Diclosulam, Dicrotophos, Difenoconazole, Diflufenican, Dimethachlor, Dimethenamid, Dimethomorph, Dimoxystrobin, Diniconazole,Dinitramine, Dinotefuran, Dioxacarb, Diphenamid, Diuron, Edifenphos, Emamectin-benzoate, Epoxiconazole, Etaconazole, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethofumesate, Ethoprophos, Ethoprop, Etoxazole, Fenamiphos – sulfone, Fenamiphos- sulfoxide, Fenarimol, Fenbuconazole, Fenobucarb, Fenoxycarb, Fenpiclonil, Fenthion-oxonsulfone, Fenthion-oxonsulfoxide, Fenuron, Flubendiamide, Fludioxonil, Flufenacet, Fluometuron, Fluopicolide, Fluopyram, Fluotrimazole,Fluoxastrobin, Fluquinconazole, Fluridone, Flurochloridone, Flurprimidol, Flusilazole, Flutolanil, Flutriafol, Fluxapyroxad, Fomesafen, Fosthiazate, Fuberidazole,Furalaxyl, Furathiocarb, Halosulfuron-methyl, Heptenophos, Hexaconazole,Hexazinone, Hexythiazox, Icaridin, Imazalil, Imazamethabenz-methyl, Imazapic, Imibenconazole, Imidacloprid, Indoxacarb, Iodosulfuron-methyl, Ipconazole, Iprobenfos, Iprovalicarb, Isofenphos-Oxon, Isoprocarb, Isoprothiolane, Isoproturon,, Isoxadifen-ethyl, Kresoxim-methyl, Linuron, Malaoxon, Mandipropamid, Mecarbam, Mefenacet, Mefenpyr-diethyl, Mepanipyrim, Mephosfolan, Mepronil, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methabenzthiazuron, Methfuroxam, Methiocarb-sulfone, Metobromuron, Metolachlor, Metolcarb, Metosulam, Metribuzin, Metsulfuron-methyl, Mevinphos, Monocrotophos, Monolinuron, Monuron, Myclobutanil, Naled, Naphthalene-acetamide, Napropamide, Neburon, Nicosulfuron, Nitralin, Norflurazon, Nuarimol, Ofurace, Oxadiargyl, Oxadiazon, Oxadixyl, Oxamyl, Oxasulfuron, Oxycarboxin, Oxyfluorfen, Paclobutrazole, Paraoxon, Paraoxon-methyl, Penconazole, Pencycuron, Penoxsulam, Pethoxamid, Phorate-oxon, Phorate-oxon-sulfone, Phosphamidon, Picolinafen, Picoxystrobin, Piperonyl-butoxide, Pirimicarb-Desmethyl, Pirimicarb-Desmethylformamido, Pretilachlor, Primisulfuron-methyl, Prochloraz,	

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Procymidone, Profenophos, Promecarb, Prometon, Propachlor, Propanil, Propazine, Propham, Propiconazole, Propoxur, Propyzamide, Prothioconazole-desthio, Pymetrozine, Pyraclofos, Pyraclostrobin, Pyraflufen-ethyl, Pyrifenox, Pyrimidifen, Pyriproxyfen, Pyroxsulam, Quinoxyphen, Saflufenacil, Secbumeton, Siduron, Silthiofam, Simazine, Simeconazole, Spiromesifen, Sulfentrazone, Sulfosulfuron, Sulfoxaflor, Tebuconazole, Tebufenpyrad, Tebuthiuron, Terbumeton, Terbuthylazine, Terbuthylazine-Desethyl, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thifensulfuron-methyl, Thiodicarb, Thiofanox sulfone, Thiofanox sulfoxide, Triadimefon, Triadimenol, Triasulfuron, Tricyclazole, Trifloxystrobin, Triflumizol, Triflusufuron-m metabolite, Triflusulfuron-methyl, Trimethacarb (2.3.5-), Triticonazole, Tritosulfuron metabolite AMTT, Uniconazole, Valifenalate, Zoxamide	
Water for human consumption (continued)	2,4-Dichlorophenoxyacetic acid (2,4-D), 2-Methyl-4-chlorophenoxyacetic Acid (MCPA), Acetamiprid, Bensulfuron-methyl, Bentazone, Boscalid, Bromoxynil, Buturon, Carbetamide, Chlorbromuron, Chloridazone, Chlorpropham, Chlorsulfuron, Climbazole, Clothiandin, Cyanazine, Dichlorprop, Dicloran, Dimethachlor metabolite CGA, Dinoseb, Dinotefuran, Dinoterb, Diuron, Ethiofencarb-sulfone, Fenamiphos – sulfone, Fenarimol, Fenpiclonil, Fluazifop, Fluometuron, Flurprimidol, Flutolanil, Flutriafol, Fluxapyroxad, Fomesafen, Fuberidazole, Halosulfuron-methyl, Hexaconazole, Imazamethabenz-methyl, Imidacloprid, Ioxynil, Iprovalicarb, Linuron, Mecoprop, Mepronil, Metamitron, Metconazole, Methabenzthiazuron, Metobromuron, Metosulam, Metsulfuron-methyl, Monolinuron, Monuron, Myclobutanil, Neburon, Norflurazon, Nuarimol, Oryzalin, Oxycarboxin, Paclobutrazole, Propanil, Propyzamide, Pyroxsulam, Siduron, Sulfentrazone, Sulfoxaflor, Tebuthiuron, Tetraconazole, Thiabendazole, Thiacloprid, Thifensulfuron-methyl, Triadimefon, Triasulfuron, Triflusulfuron-methyl, Triticonazole, Uniconazole.	In house method (O_EXYΠ.X4.05) with LC-QTOF negative ionization
Surface water and ground water	Determination of Pesticide Residues 2,3,5,6-Tetrachloroaniline, 2-Phenylphenol, Acetochlor, Aclonifen, Acrinathr, Alachlor, Aldrin, Ametryn,	In house method based on EPA 525. (O_EXYΠ.X4.04) with GC-MSMS

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Anthraquinone, Azoxystrobin, Barban, Beflubutamid, Benfluralin, Benthiocarb, Benzoximate,BHC-alpha, BHC-beta, BHC-delta, BHC-gamma (Lindane), Bifenox, Bifenthrin, Biphenyl, Bitertan, Boscalid, Bromfenvinfos, Bromfenvinfos-methy, Bromocyclen, Bromophos, Bromophos-ethyl, Bromuconazole, Bupirimate, Butafenacil, Butralin, Cadusafos, Chinomethionate (Oxythioquinox),Chlordane-cis, Chlordane-trans, Chlorfenapyr, Chlorfenson, Chlorfenvinphos,Chlorobenzilate, Chloropropylate, Chlorotoluron, Chlorpropham,Chlorpyrifos, Chlorpyrifos-methyl, Chlorthiophos, Clodinafop-propargyl, Clomazone, Cloquintocet-mexyl, Crimidine, Cyanofenphos, Cyanophos, Cyfluthrin mix of isomers, Cyhalofop-butyl, Cyhalothrin (Lambda), Cymiazole, Cyprodinil, DCPA (Dacthal, Chlorthal-dimethyl), DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDT-o,p', DDT-p,p', DEET, Deltamethrin, Diallate, Diazinon, Dichlofenthion, Diclobutrazol, Diclofop-methyl, Dieldrin, Diethofencarb, Difenoconazole, Diflufenican, Dimethachlor, Dimethenamid, Dimethomorph, Dimoxystrobin, Diniconazole, Dinitramine, Diphenylamine, Dipropetryn, Diuron, Edifenphos, Endosulfan-alpha, Endosulfan -beta , Endosulfan sulfate, Endrin- ketone, Endrin, EPN, Epoxiconazole, Etaconazole, Ethalfluralin, Ethofenprox, Ethofumesate, Ethoprophos, Ethylan, Etoxazole, Etridiazole, Etrimfos, Fenamidone, Fenarimol, Fenbuconazole, Fenchlorphos oxon, Fenitrothion, Fenpropathrin, Fenpropimorph, Fenson, Fensulfothion sulfon, Fenvalerate, Fluazifop-butyl, Fluchloralin, Flucythrinate, Flufenacet, Flumetralin, Fluorochloridone, Fluotrimazole, Fluridone, Flurprimidol, Flurtamone, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fosthiazate, Furalaxyl, Halfenprox, Haloxyfop-2-ethoxyethyl, Haloxyfop-methyl, Heptachlor endo- epoxide, Heptachlor exo-epoxide, Heptachlor, Heptenophos, Hexachlorobenzene,Hexachlorobutadiene ,Hexaconazole, Iodofenphos, Ioxynil octanoate, Iprobenfos, Isazofos, Isocarbophos, Isodrin, Isofenphos, Isofenphos-methyl, Isoprocarb, Isopropalin, Isoprothiolane, Isopyrazam, Kresoxim-methyl, Malathion, MCPA-methyl, Mefenacet, Mefenpyr-diethyl,	

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Mepanipyrim, Metazachlor, Methacrifos, Methoxychlor olefin, Methoxychlor o-p', Methoxychlor p-p', Metolachlor, S-Metrafenone, Metribuzin, Mexacarbate, MGK-264, Mirex, Monolinuron, Myclobutanil, Nitrapyrin, Nitrofen, Nitrothal-isopropyl, Nonachlor-cis-Nonachlor-trans, Norflurazon, Octachlorodipropyl ether, Ofurace, Oxadiazon, Oxadixyl, Oxyfluorfen, Parathion-methyl, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachlorobenzene, Pentachlorobenzonitrile,Pentachloronitro benzene, Pentachlorophenol, Pentachlorothioanisole, Phenthoate, Picolinafen, Picoxystrobin, Piperonyl-butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Pretilachlor, Profenofos, Profluralin, Prometryn, Propachlor, Propaquizafop, Propazine, Propetamphos,Propisochlor, Propoxur, Propyzamide, Prothiofos, Pyraclostrobin, Pyraflufen-ethyl, Pyrazophos, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyrimidifen, Pyriproxyfen, Quinalphos, Quinoxyfen, Quizalofop-ethyl, Ronnel (Fenchlorphos), Simeconazole, Spiromesifen, Sulfotep, Tebuconazole,Tebufenpyrad, Tecnazene, Tefluthrin, Terbuthylazine,Terbutryn,Tetraconazole, Tetrasul, Tolclofos-methyl, Transfluthrin, Triadimefon, Triadimenol, Triallate, Triazophos, Trichloronat, Trifloxystrobin, Trifluralin, Trimethacarb,-2,3,5, Uniconazole-P, Vinclozolin	
	Determination of Pesticide Residues Acephate , Acetochlor, Alachlor , Aldicarb , Aldicarb-sulfone, Aldicarb-sulfoxide , Ametoctradin, Ametryn Amidosulfuron, Aminocarb, Atrazine, Atrazine-desethyl, Azaconazole, Azamethiphos, Azimsulfuron, Azoxystrobin, Benalaxyl, Bensulfuron-methyl, Benthiavalicarb-isopropyl, Bispyribac-sodium, Boscalid, Bromacil, Bromfenvinfos, Bromuconazole, Bupirimate, Butocarboxim, Butocarboxim-sulfoxide, Butoxycarboxim, Buturon, Cadusafos, Carbaryl, Carbetamide, Carbofuran, Carboxin, Chlorantraniliprole, Chlorbromuron, Chlorfenvinphos, Chlorotoluron, Chlorsulfuron, Clethodim, Climbazole, Clodinafop acid, Clomazone, Cloransulam-methyl, Crimidine, Cyanazine, Cyantraniliprole, Cyclanilide, Cycloate, Cycloxydim, Cycluron, Cymiazole, Cyproconazole,	In house method (O_EXYII.X4.05) with LC-QTOF Positive ionization

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Cyproconazole, Cyromazine, DEET, Demeton-S-methyl, Demeton-S-methylsulfone, Demeton-S-methylsulfoxide (Oxydemeton-methyl), Desmetryn, Diazinon, Diclobutrazol, Diclosulam, Dicrotophos, Diethofencarb, Dimethachlor, Dimethenamid, Dimethomorph, Dimoxystrobin, Diniconazole, Dinotefuran, Diphenamid, Dipropetryn, Disulfoton-sulfone, Disulfoton-sulfoxide, Diuron, DMSA, Dodemorph, Etaconazole, Ethiprole, Ethirimol, Ethofumesate, Etrimfos, Famphur, Fenamidone, Fenamiphos, Fenamiphos – sulfone, Fenamiphos sulfoxide, Fenhexamid, Fenobucarb, Fenpyrazamine, Fensulfothion, Fensulfothion-sulfone, Fenthion-oxon, Fenthion-sulfone, Fenthion-sulfoxide, Flufenacet, Fluometuron, Fluopicolide, Fluopyram, Fluridone, Flurprimidol, Flurtamone, Flutriafol, Fluxapyroxad, Fomesafen, Foramsulfuron, Forchlorfenuron, Formetanate-hydrochloride, Fosthiazate, Fuberidazole, Furalaxyl, Halofenozide, Halosulfuron-methyl, Heptenophos, Hexaconazole Hexazinone, Icaridin, Imazalil, Imazamethabenz-methyl, Imazaquin, Imazosulfuron, Indole-3-butyric acid, Iodosulfuron-methyl, Iprobenfos, Iprovalicarb, Isazophos, Isocarbophos , Isoprocarb, Isoprothiolane, Lenacil, Linuron, Malaoxon, Malathion, Mephosfolan, Mesosulfuron-methyl, Mesotrione, Metalaxyl, Metazachlor, Metconazole, Methabenzthiazuron, Methfuroxam, Methidathion, Methiocarb, Methoprotryne, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metosulam, Metoxuron, Metribuzin, Metsulfuron-methyl, Mexacarbate, Monocrotophos, Monolinuron, Monuron, Myclobutanil, N.N-Dimethyl-N'-p-tolylsulphamide, Naphthalene-acetamide, Napropamide, Nicosulfuron, Norflurazon, Nuarimol, Ofurace, Omethoate, Orthosulfamuron, Oxadixyl, Oxamyl, Oxamyl-oxime, Oxasulfuron, Paclobutrazole,Paraoxon, Paraoxon-methyl, Penconazole, Penoxsulam, Phorate-sulfoxide, Phosphamidon, Pinoxaden, Pirimicarb, Pirimicarb-Desmethyl, Pirimicarb-Desmethylformamido, Pretilachlor, Primisulfuron-methyl, Promecarb, Prometon, Prometryn, Propachlor, Propamocarb, Propamocarb-N-oxide, Propanil, Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propyzamide, Prosulfuron, Pymetrozine,	

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Pyracarbolid, Pyridafenthion, Pyrifenox, Pyrifenox, Pyrimethanil, Pyroxsulam, Saflufenacil, Secbumeton, Siduron, Silthiofam, Simazine, Simeconazole, Simetryn, Spiroxamine, Sulfentrazone, Sulfosulfuron, Tebuconazole, Tebuthiuron, Tepraloxydim, Terbacil , Terbufos-sulfoxide, Terbufos-sulfone, Terbumeton, Terbuthylazine, Terbuthylazine-Desethyl, Terbutryn, Tetraconazole, Thiabendazole, Thiamethoxam, Thidiazuron, Thifensulfuron-methyl, Thiodicarb, Tralkoxydim, Triadimefon, Triadimenol, Triasulfuron, Tricyclazole, Triflusufuron-m metabolite IN-D8526, Triflusulfuron-methyl Trimethacarb (2.3.5-), Trinexapac-ethyl, Triticonazole, Tritosulfuron, Valifenalate, Warfarin.	
Surface water and ground water	2,4-Dichlorophenoxyacetic acid (2,4-D), 2-Methyl-4-chlorophenoxyacetic Acid (MCPA), 3, 5, 6-Trichloro-2-pyridinol (TCPy), 4-(4-Chloro-2-methylphenoxy)butanoic acid (MCPB), Acetamiprid, Bensulfuron-methyl, Bentazone, Bromacil, Bromoxynil, Buturon, Carbendazim, Carbetamide, Carbofuran -3-keto, Chlorantraniliprole, Chlorsulfuron, Climbazole, Clodinafop-acid, Cyanazine, Cyantraniliprole, Cyhalofop acid, Dichlorprop, Dimethachlor metabolite CGA, Dinoseb, Dinotefuran, Diuron, DMSA, Ethiofencarb-sulfone, Ethiofencarb-sulfoxide, Ethirimol, Fenamiphos – sulfone, Fenarimol, Fluazifop, Fluometuron, Flurtamone, Flutriafol , Fomesafen, Fuberidazole, Haloxyfop, Hexaconazole, Imazamethabenz-methyl, Imidacloprid, Ioxynil, Iprovalicarb, Isocarbophos, Isoproturon, Lenacil, Mecoprop, Mesotrione, Methabenzthiazuron, Methiocarb-sulfoxide, Metosulam, Metoxuron, , Metsulfuron-methyl, Monuron, N.N-Dimethyl-N'-p-tolylsulphamide (DMST), Norflurazon, Nuarimol, Oxycarboxin, Phenmedipham metabolite MHPC, Propyzamide, Pyracarbolid, Pyroxsulam, Quizalofop, Siduron, Sulfentrazone, Sulfoxaflor, Tebuthiuron, Tepraloxydim Terbacil, Thifensulfuron-methyl, Topramezone, Triasulfuron, Triclopyr, Triticonazole, Tritosulfuron metabolite AMTT, Uniconazole,Warfarin.	In house method (O_EXYΠ.X4.05) with LC-QTOF negative ionization
Pool water	Determination of Cyanuric acid	HACH Method 8139
Waste-Wastewater	Determination of Hg	EPA 7473:2007
	Determination of COD	HACH LCK 314

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
		HACH LCK 1014
Waste-Wastewater (continued)	Determination of Total Petroleum Hydrocarbons (TPH)	ASTM D7066-04
	Determination of Salinity	APHA 2520 B
	Determination of Hexavalent Chromium (Cr VI)	HACH LCK 313
	Determination of Total Suspended Solids (TSS)	APHA 2540 D
	Determination of Total Dissolved Solids (TDS)	APHA 2540 C
	Determination of Anionic Surfactants	HACH LCK 332
	Determination of Cationic Surfactants	HACH LCK 331
	Determination of Nonionic Surfactants	HACH LCK 333
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	EPA 6010D: 2018 με ICP-OES
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	ELOT EN ISO 17294.01:2006 ELOT EN ISO 17294-2:2016 with ICP-MSMS
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
	Determination of Pesticide Residues 2,3,5,6-Tetrachloroaniline,Aclonifen, Acrinathrin, Aldrin, Azoxystrobin, Beflubutamid, Benfluralin, Benthiocarb, BHC-alpha, BHC-beta, BHC-delta, BHC-gamma (Lindane), Bifenox, Bifenthrin, Boscalid, Bromfenvinfos, Bromfenvinfos- methyl, Bromocyclen, Bromophos, Bromophos-ethyl , Bupirimate, Butafenacil, Butralin, Cadusafos, Chlordane-cis, Chlordane-trans, Chlorfenapyr, Chlorfenson, Chlorfenvinphos, Chlorobenzilate, Chloropropylate, Chlorpyrifos-	In house method based on EPA 525. (O_EXYΠ.X4.04) with GC-MSMS

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	methyl, Chlorthiophos, Cinidon-ethyl, Clodinafop-propargyl, Clomazone, Cloquintocet-mexyl, Crimidine, Cyanofenphos, Cyanophos, Cyfluthrin mix of isomers, Cyhalofop-butyl, Cyhalothrin (Lambda), Cypermethrin mix of isomers,Cyprodinil, DCPA, DDD-o,p', DDD-p,p', DDE-p,p', DDT-o,p', DDT-p,p', Deltamethrin, Diallate, Diazinon, Dichlofenthion, Dichlorobenzophenone-4,4', Diclobutrazol, Dieldrin, Difenoconazole, Diflufenican, Dimethachlor, Dimethomorph, Diniconazole, Dinitramine, Diphenylamine, Dipropetryn, Edifenphos, Endosulfan alpha, Endosulfan beta, Endosulfan sulfate, Endrin ketone, Endrin, Epoxiconazole, Etaconazole, Ethalfluralin, Ethofenprox, Ethoprophos, Ethylan,Etrimfos, Fenamidone, Fenarimol, Fenbuconazole, Fenitrothion, Fenpropathrin, Fenpropimorph, Fenson, Fensulfothion sulfon, Fenvalerate, Fluazifop-butyl, Fluchloralin, Flucythrinate , Flumetralin, Fluquinconazole, Flurprimidol, Flusilazole, Fluthiacet-methyl, Flutolanil, Flutriafol, Fosthiazate, Furalaxyl, Halfenprox, Haloxyfop-2-ethoxyethyl, Haloxyfop-methyl, Heptachlor endo-epoxide, Heptachlor exo-epoxide, Heptachlor, Heptenophos, Hexachlorobenzene, Hexaconazole, Iprobenfos, Isodrin, Isofenphos, Isofenphos-methyl, Isopropalin, Isoprothiolane, Isopyrazam, Isoxaben isoxadifen-ethyl, Kresoxim-methyl, Malathion, MCPA-methyl,Mefenacet, Mefenpyr-diethyl, Mepanipyrim, Metazachlor, Methacrifos, Methoxychlor olefin, Methoxychlor o,p', Metolachlor-S, Metrafenone, Metribuzin, MGK-264, Mirex, Monolinuron, Myclobutanil, Nitralin, Nitrofen, Nitrothal-isopropyl, Nonachlor cis, Nonachlor trans, Norflurazon, Octachlorodipropyl-ether, Ofurace, Oxadiazon, Oxadixyl, Oxyfluorfen, Parathion-methyl, Penconazole, Pendimethalin, Pentachloroanisole, Pentachlorobenzene,	

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Pentachlorobenzonitrile, Pentachloronitrobenzene, Pentachlorothioanisole, Phenthoate, Picolinafen, Picoxystrobin, Piperonyl- butoxide, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Prodiamine, Profenofos, Profluralin, Propachlor, Propaquizafop, Propetamphos, Propoxur, Propyzamide, Prothiofos, Pyraclostrobin, Pyraflufen-ethyl, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriproxyfen, Quinoxyfen, Quizalofop-ethyl, Ronnel (Fenchlorphos), Simeconazole, Sulfotep, Tebuconazole, Tebufenpyrad, Tefluthrin, Terbufos, Tetraconazole, Tetrasul, Thiometon, Tolclofos-methyl, Transfluthrin, Triadimefon, Triadimenol, Triallate, Triazophos, Trichloronat, Trifloxystrobin, Trifluralin, Trimethacarb-2,3,5, Uniconazole-P, Vinclozolin.	
	Determination of Pesticide Residues Acetochlor, Alachlor, Aldicarb, Aldicarb-sulfone, Aldicarb-sulfoxide, Ametoctradin, Ametryn, Amidosulfuron, Atrazine, Azaconazole, Bensulfuron-methyl, Benthiavalicarb-isopropyl, Bispyribac-sodium, Bromacil, Bromfenvinfos, Bromuconazole,Bupirimate, Butocarboxim, Butocarboxim-sulfoxide, Butoxycarboxim , Buturon, Cadusafos, Carbaryl, Carbetamide, Carbofuran, Carboxin,Chlorantraniliprole, Chlorotoluron, Chromafenozide, Clethodim, Climbazole, Clomazone, Cloransulam-methyl, Crimidine, Cyanazine, Cyantraniliprole, Cycloxydim, Cycluron, Cymiazole, Cyproconazole, DEET, Demeton-S-methyl, Desmetryn, Diazinon, Diclobutrazol, Diclosulam Diethofencarb, Dimethachlor, Dimethenamid, Dimethomorph, Dimoxystrobin, Diniconazole, Diphenamid, Disulfoton-sulfone, Disulfoton-sulfoxide, Diuron, Ethiofencarb, Ethiprole, Ethirimol, Ethofumesate, Etrimfos, Fenamidone, Fenamiphos, Fenamiphos – sulfone, Fenamiphos sulfoxide, Fenhexamid, Fenobucarb, Fenpyrazamine, Fensulfothion, Fensulfothion-sulfone, Fenthion-oxon, Fenthion-sulfone,	In house method (O_EXYII.X4.05) with LC-QTOF Positive ionization

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Fenthion-sulfoxide,Flufenacet, Fluometuron, Fluopicolide, Fluopyram, Fluridone, Flurprimidol, Flurtamone, Flutriafol, Fluxapyroxad, Forchlorfenuron, Fosthiazate, Fuberidazole, Furalaxyl, Halosulfuron-methyl, Heptenophos, Hexaconazole, Hexazinone, Icaridin, Imazalil, Imazamethabenz-methyl, Imazosulfuron, Iprobenfos, Iprovalicarb, Isazophos, Isocarbophos, Isoprocarb, Isoprothiolane, Isoproturon, Lenacil, Malaoxon, Malathion, Mephosfolan, Mesosulfuron-methyl, Metalaxyl, Metazachlor, Metconazole Methabenzthiazuron, Methfuroxam, Methidathion, Methiocarb, Methoprotryne, Metobromuron, Metolachlor, Metolcarb, Metosulam, Metribuzin, Mexacarbate, Monocrotophos, Monolinuron,Monuron, Myclobutanil, Norflurazon, Nuarimol, Ofurace, Orthosulfamuron, Oxamyl, Paclobutrazole, Paraoxon, Penconazole, Penoxsulam, Phorate-sulfoxide, Phosphamidon, Pinoxaden, Pirimicarb,Pirimicarb-Desmethylformamido, Promecarb, Prometon, Prometryn, Propachlor, Propamocarb,Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propyzamide, Prosulfuron, Pymetrozine, Pyracarbolid, Pyridafenthion, Pyrifenox, Pyrimethanil, Saflufenacil, Secbumeton, Sethoxydim,Siduron, Simazine, Simeconazole, Simetryn, Sulfentrazone, Sulfosulfuron, Tebuconazole, Tebufenozide, Tebuthiuron, Tepraloxydim, Terbacil , Terbufos-sulfoxide,Terbufos-sulfone, Terbumeton, Terbuthylazine-Desethyl, Terbutryn, Tetraconazole, Thiabendazole, Tralkoxydim, Triadimefon,Triflusulfuron-methyl,Trimethacarb (2.3.5-), Triticonazole, Tritosulfuron, Valifenalate,	
	3, 5, 6-Trichloro-2-pyridinol (TCPy), Bentazone, Bromacil, Bromoxynil, Buturon, Carbendazim, Carbetamide, Carbofuran 3-keto, Clethodim, Cyantraniliprole, Dinoseb, Dinoterb, Diuron, DMSA, Ethiprole, Ethirimol, Fenamiphos – sulfone,Fluazifop, Fluometuron, Flurprimidol, Flurtamone, Flutriafol, Fomesafen, Fuberidazole, Halofenozide, Haloxyfop, Imazamethabenz-methyl, Ioxynil, Iprovalicarb,Methiocarb-sulfoxide,	In house method (O_EXYΠ.X4.05) with LC-QTOF negative ionization

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Metoxuron, Monuron, N.N-Dimethyl-N'-p-tolylsulphamide (DMST), Norflurazon, Nuarimol, Paclobutrazole, Phorate-sulfone, Propyzamide, Pyracarbolid, Sethoxydim, Sulfentrazone, Sulfoxaflor, Tebuthiuron, Tepraloxydim, Terbacil, Thiabendazole, Thidiazuron, Tralkoxydim, Triadimefon, Tritosulfuron metabolite AMTT, Uniconazole.	
High salinity water and seawater	Determination of COD	HACH LCK 1814
		HACH LCK 1914
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	EPA 6020A με ICP-MSMS
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Ambient Air Sampling Filters	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	EPA IO-3.1:1999 and EPA IO-3.4:1999, with ICP-OES
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Granular waste materials, sludges, soils and soil-like materials	One stage leaching test at a liquid to solid ratio of: L/S=2 1/kg.	ELOT EN 12457-01: 2003 and according to Directive 2003/33/EC
	One stage leaching test at a liquid to solid ratio of: LIS=10 1/kg.	ELOT EN 12457-02: 2002 and according to Directive 2003/33/EC
Soil	Determination of Exchangeable Calcium, Potassium, Magnesium and Sodium	FAO GLOSOLAN-SOP-17:2022

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Determination of pH	ASTM D 4972-19
	Determination of Organic Matter with Wet Combustion	AASHTO T 194-22
	Determination of Hg	EPA 7473:2007
	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	EPA 3051A EPA 6010D: 2018
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Aggregates	Determination of Water Soluble Chlorides	ELOT EN 1744-1+A1:2012, § 7
Tree Leaves	Determination of elements in flexible scope. The elements are specified in detail in the List of Accredited Activities Flexible Field of the Laboratory.	In house method (O_EXYΠ.X1.13) based on: Kalra, Y.P. (1998) Handbook of Reference Methods for Plant Analysis. CRC Press, Boca Raton. Chapter 8, Microwave Digestion of Plant Tissue in a Closed Vessel.
	The flexibility that applies covers the following categories. Flexibility in relation to: • Adding new elements to existing matrices • The verification of standard methods and validation of their modifications	
Meat and meat products	Determination of Ca, Mg, P, K, Na	In house method (O_EXYΠ.X1.16) based on ELOT EN 13804 (ICP-MS/MS)
Milk	Determination of Ca, Mg, P, K, Na	In house method (O_EXYΠ.X1.16) based on ELOT EN 13804 (ICP-MS/MS)
Plastics	Water Absorption	ASTM D570 & ISO 62
	Fire hazard testing - Horizontal Burning Test	IEC 60695-11-10 Method A - Horizontal Burning
	Fire hazard testing - Vertical Burning Test	IEC 60695-11-10 Method B - Vertical Burning

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Fire hazard testing - Needle Flame Test	IEC 60695-11-5
	Resistance of Plastics to Chemical Reagents	ASTM D543, ISO175
Metals and alloys	Measurement of thickness of metallic coatings by the Coulometric Method	ASTM B504 & ISO 2177
Metals and alloys, Paints and varnices	Corrosion Test – Salt Spray Test	IEC 60068-2-11, ISO 9227 NSS test & ASTM B117
	Corrosion Test – Sulfur dioxide test in a humid atmosphere	ISO 22479
Low voltage aerial bundled cable accessories	Test for permanent marking	EN 50483-1
Microbiological tests		
Water (Potable, groundwater, surfacewater, swimming pool waters	Enumeration of *total viable count* at 22± 2°C	ELOT EN ISO 6222:1999
	Enumeration of *total viable count* at 36± 2°C	ELOT EN ISO 6222:1999
	Detection and enumeration of *Clostridium perfringens* (including spores)	ELOT EN ISO 14189: 2013
	Detection and enumeration of *Pseudomonas aeruginosa*	ELOT EN ISO 16266-1:2006
Water (Potable, groundwater, surface water, swimming pool waters, sea water)	Detection and enumeration of *enterococci*	ELOT EN ISO 7899-2: 2000
	Detection and enumeration of *total coliforms*	ELOT EN ISO 9308-1: 2014 /Amd 1:2016
	Detection and enumeration of *Escherichia coli*	ELOT EN ISO 9308-1: 2014 /Amd 1:2016
Water with low background (matrix A)	Enumeration of *Legionella*	ELOT EN ISO 11731:2017
Water with high background (matrix B)	Enumeration of *Legionella*	ELOT EN ISO 11731:2017
Surface water, ground water and wastewater	Detection and enumeration of *enterococci*	ELOT EN ISO 7899-2: 2000
	Detection and enumeration of *total coliforms*	APHA 9222B
	Detection and enumeration of *Escherichia coli*	APHA 9222H
	Detection and enumeration of *fecal coliforms*	APHA 9222D

Materials/ Products to be tested	Types of test I Properties to be measured	Applied methods / Techniques to be used
	Detection and enumeration of *Clostridium perfringens* (including spores)	ELOT EN ISO 14189: 2013
Final effluent from biological treatment	Detection and enumeration of *total coliforms*	ELOT EN ISO 9308-1: 2014 /Amd 1:2016
	Detectiona and enumeration of *Escherichia coli*	ELOT EN ISO 9308-1: 2014 /Amd 1:2016
	Detection and enumeration of *enterococci*	ELOT EN ISO 7899-2: 2000
	Detection and enumeration of *Clostridium perfringens* (including spores)	ELOT EN ISO 14189: 2013
Food and animal feeding stuffs and samples from surfaces used for food processing	Enumeration of the *total aerobic micro-organisms* at 30 °C	ELOT EN ISO 4833-1:2013
	Horizontal method for the enumeration of *coliforms*	ELOT EN ISO 4832:2006
	Enumeration of β-glucuronidase-positive *Escherichia coli*	ELOT EN ISO 16649-2:2001
	Enumeration of coagulase – positive staphylococci (*Staphylococcus aureus* and other species)	ELOT EN ISO 6888-1:2021
	Detection of non-typhi and non-paratyphi *Salmonella* spp.	ELOT EN ISO 6579-1:2017/Amd 1:2020
	Detection of *Listeria monocytogenes*	ELOT EN ISO 11290-2:2017
	Enumeration of *Listeria monocytogenes*	ELOT EN ISO 11290-1:2017
Sampling		
Transformer oils and insulating oils	Sampling of transformer oils and insulating oils	EN IEC 60475:2022 ASTM D 923-15
Drinking water and water for human consumption, recreational waters and seawaters, waste, wastewaters	Sampling of physicochemical parameters	ISO 5667-1:2023/Amd:2006 ISO 5667-3:2018 ISO 5667-5:2006 ISO5667-9:1992 ISO 5667-10:2020 ISO 5667-14:2016
	Sampling of microbiological parameters	ISO 19458:2006

Site of assessment: **Laboratory permanent premises, 9 Leondariou Str., Kantza, Pallini, Attiki, Greece.**

Approved signatories: **E. Oikonomopoulos, F. Deligianni, E., D. Dimitroulis, L. Ntotsika, K. Bourouti, N. Tzimotoudis, E.Bitsika, N.Almpantaki.**

This Scope of Accreditation replaces the previous one dated 07.03.2025.

The Accreditation Certificate No. **90**-9, to ELOT EN ISO/IEC 17025: 2017, is valid until 02.07.2027.

Athens, 23.06.2025

Konstantinou Evangelos Apostolos
CEO of ESYD