



INTERNATIONAL
ACCREDITATION
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SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025: 2005

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental Organic	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	C5-C10, C10-C28, C28- C40	EPA Method 8015 C (TPHs) Total Petroleum Hydrocarbons Non- Halogenated Organics using GC-FID Method 5021A (F1) Volatile organic compounds in various sample matrices using equilibrium headspace analysis. Method 3510 C (F2 y F3) Separatory funnel liquid- liquid extraction.
		Ortofenil Fenol (OPP), Acetacoloro, Aldrin (SP), Benalaxil (SP), Benfluralina, Bifenilo, Bifentrina, Bupirimato, Ciproconazol, Clordano cis, Clordano trans, Clorfenapir, Clorpropilato, Clorpirifos, Clorpirifos Metil, Clorprofam, Clortal Dimetil, Cyhalotrin-L, DDD-pp + DDT-op, Diazinon, Diclobenilo, Dicofol , Dieldrin (SP), Diflufenicán, Disulfotón (SP), Endosulfan Beta, Etofumesato (SP), Etoprofos, Fenarimol, Fenazaquina, Fenpropatrin, Fention (SP), Fonofos, Isazofos, Isofenfos, Isofenfos Metil, Kresoxim Metil, Metacrifós,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Metalaxil (SP), Metribuzina, Miclobutanil, Mirex, Molinato, Napropamida, Nuarimol, Ofurace, pp- DDE, Penconazol, Pendimetalina, Pentacloroanilina, Pentacloroanisol, Pentaclorobenceno, Permetrina, Pirifenox, Pirimetanil, Pirimicarb (SP), Pirimifos Metil, Procimidona, Protiofós, Quinalfós, Quintoceno, Simazina, Tebuconazol, Tebufenpirad, Tecnaceno, Teflutrin, Terbutilazina, Terbutrin, Tetraconazol, Tetradifón, Tetrametrina, Tiometon, Tolclofos Metil, Transflutrin, Triadimenol (SP), Trifluralina, Vinclozolina (SP), 2,4,6, Trichlorophenol, 2,4- DDD, 2,4-DDE, 4,4 Dicclorobenzofenona, Ametrina, Buprofezin, Clorbenzilat, Clorfenson, Clormefos, Diclobutazol, Diclofention, Endrin, EPTC, Etrimfos, Fenclorfos, Fluazifop- Butil, Fluopicolide, Fluopiram, Fluotrimizol, Folpet, Furalaxil, Heptacloro (SP), Hexaconazol, Lindano, Paraoxon Etil, Propaclor, Tetrahidroftalamida (Captan), Clordano, Dieldrin (Suma). Abamectina, Acetamiprid, Aldicarb, Aldicarb Sulfona, Aldicarb Sulfoxido, Azoxistrobina, Bendiocarb, Bentiavalicarb, Boscalida, Bromuconazol, Butoxicarboxim, Cadusafos, Carbaril, Carbofuran (SP), Ciazofamida, Cimoxanilo, Clofentezina, Clomazona, Clorantranilliprole, Clotianidin, Desmedifam, Diclormid, Dietofencarb, Dimetoato (SP), Dimetomorf, Dodemorf, Epoxiconazol, Espinetoram, Espinosad, Espirodiclofeno,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Espiromesifeno, Espirotetramat (SP), Espiroxamina, Etiprol, Etofenprox, Etoxazol, Famoxadona, Fenamidona, Fenbuconazol, Fenhexamida, Fenmedifan, Fenpiroximato, Fenpropidin (SP), Fenpropimorfo, Fensulfotio, Flonicamid (SP), Fludioxonilo, Flufenacet, Flufenoxuron, Fluometuron, Fluquinconazol, Flusilazol, Flutolanil, Flutriafol, Forato Sulfona, Forato Sulfoxido, Forclorfenuron, Fostiazato, Furatiocarb, Hexitiazox, Imazalil, Imidacloprid, Indoxacarb, Isocarbofos, Isoproturón, Isoxabén, Lenacilo, Linurón, Mandipropamid, Mecarbam, Mepanipirim, Metaflumizona, Metamitrona, Metazacloro, Metiocarb (SP), Metolacloro, Metolcarb, Metomilo (SP), Metoxifenoxida, Metoxuron, Metrafenona, Monocrotofós, Monolinurón, Nitenpiram, Novalurón, Ometoato, Oxadiargilo, Oxadiazón, Oxamilo, Oxicarboxina, Pencicurón, Picoxistrobina, Piraclostrobina, Profam, Propamocarb (SP), Propanil, Propaquizafop, Propiconazol, Propoxur, Proquinazid, Prosulfocarb, Quinoxifen, Quizalofop-ethyl (SP), Rotenona, Sulfotep, Tiabendazol, Thiametoxam (SP), Tiacloprid, Tiodicarb (SP), Tridemorfo, Trifloxystrobin, Triflumizol (SP), Triflumurón, Zoxamida, 2,4-D, Acefato, Acequinocyl, Azadiractina, Azametifos, Azimsulfurón, Azinfos Etil, Azinfos Metil,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Benomilo-Carbendazima, Bioaletrina, Bromoxinil, Butralina, Carbofuran-3-Hidroxi, Carboxim, Carfentrazona Etil, Cicloato, Ciflufenamida, Cihexatina, Clorfluazuron, Cloridazon, Cyantraniliprole, Demeton S Metil sulfona, Dialifos, Diclorvos, Diclofop, Diclofop Metil, Diclorprop, Dinocap (SP), Dinotefuram, Diuron, DNOC, Emamectina Benzoato, Espirotetramat-Cis- ketohidroxi, Espirotetramate-Enol-Glucoside, Espirotetramate-Monohidroxi, Ethirimol, Fenobucarb, Fenpirazamina, Flazasulfuron, Flumioxazina, Formetanato, Fosmet, Fuberidazol, Haloxifop- Metil, Haloxyfop-2- Ethoxyetil, Haloxifop, Himexazol, Imazamox, Indaziflam, Ioxinil (SP), MCPA, Metamidofos, Metiocarb sulfóxido, Nicosulfuron, Orizalin, Pentiopirad, Piraflufeno, Promecarb, Quinclorac, Rimsulfuron, Saflufenacil, Sulcotriona, Sulfoxaflor, Terbufos sulfona, Terbufos sulfoxido, TFNA, TFNG, Tiobencarb, Tiociclam, Tolilfluanida (SP), Triclopir, Triclorfon, Triciclazol, Triforina, Aldicarb (suma), Carbofuran (Suma), Dimetoato (Suma), Flonicamid (Suma), Haloxifop (Suma), Metomilo (Suma), Piraflufeno-etilo (Suma), Thiametoxam (Suma).	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Alachlor, Aldrin, Ametrina, Atrazina, Benalaxil, Ciproconazol, Clodanifop PE (Propargil Ester), Clordano cis, Clordano trans, Clordecona, Clorpirifos etil, Clortal-dimetil, DDD- pp, DDT-Op, DDT-Pp, Diazinon, Diclorvos-triclorfon, Dicofol, Dieldrin, Diflufenican, Dimetoato Endosulfan-alfa, Endosulfan-beta, Endosulfan-Sulfato, Endrin, Endrin- Aldehido, Endrin-Cetona, EPTC, Etion, Etoprofos, Fenamifos, Flusilazol, Hch-Alfa, Hch-Beta, Hch- Delta, Heptachloro, Heptachloro-Epoxido, Hexaclorobenceno, Isodrin, Lindano(Hch-Gamma), Malation, Metalaxil, Metidation Metoxicloro, Metribuzina, Miclobutanilo, Mirex, Molinate, Naftaleno, Oxifluorfen, Paration-Etil, Paration-Metil, Pendimetalina, Pentaclorobenceno, Piridaben, Pirimetanil, Prometrina, Propazina, Propizamida, Simazina, Simetrin, Terbutilazina, Terbutrina, Tetradifon, Trietazina, Trifluralin, Vinclozolina	EPA Method 8270 D (RP) Residues Pesticides off Organochlorine Phosphate and Other Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
		PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, PCB´s Suma (Calculate)	EPA Method 8270 D (PCB s) Polychlorinated Biphenyls Semi-volatile Organic compounds by gas chromatography/mass spectrometry (GC/MS)



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental – Organic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Acenafteno, Acenaftileno, Antraceno, Benzo-a-Antraceno, Benzo-a- Pireno, Benzo-b- Fluoranteno, Benzo-e- Pireno, Benzo-k- Fluoranteno, Criseno, Dibenzo-a,h-Antraceno, Fenantreno, Fluoranteno, Fluoreno, Indeno, Pireno	EPA Method 8270 D (PAHs) Polycyclic Aromatic Hydrocarbons Semi-volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)
		1,1,1,2-tetracloroetano; 1,1,1-tricloroetano; 1,1,2,2-tetracloroetano SPCC; 1,1dicloroetano SPCC; 1,2,3-Triclorobenceno; 1,2,4-Trimetilbenceno; 1,2,4-triclorobenceno; 1,2-cis-dicloroetano; 1,2-Diclorobenceno; 1,2-Dicloroetano; 1,2-dicloropropano CCC; 1,2-trans- dicloroetano; 1,3,5-trimetilbenceno; 1,3-cis-dicloropropeno; 1,3diclorobenceno; 1,3-trans-dicloropropeno; 1,4-diclorobenceno; 1-1-2-tricloroetano; Benceno; Bromodiclorometano; Bromoformo; Clorobenceno SPCC; Clorodibromometano; Cloroformo; Estireno; Etilbenceno CCC; Hexacloro-1,3-butadieno; Isopropilbenceno; m,p-Xileno; Naftaleno; N-Butilbenceno; N-Propilbenceno; O-Xileno; p-Isopropiltolueno; Ter-butilbenceno; Tetracloroetano; Tetracloruro de carbono; Tolueno CCC; Tricloroetano (1,1,2).	EPA Method 8260C (VOC´s) Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
		Aldicarb, Sulfona, Atrazina, Bromacilo, Carbendazima, Carbofuran, Clortoluron, Desetil-Atrazina, Desetil-Terbutilazina, Desmetil-Terbumeturon, Diuron, Isoproturon, Linuron, Metalaclor, Metamitron, Propanilo, Simazina, s-Metoalclor, Tebuconazol, Terbumeturon, Terbutilazina	PE-623 Pesticide Residues in Water by Chromatography (LC/MS-MS)



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental – Organic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Total Petroleum Hydrocarbons (calculate) C10 – C40 Suma C5- C40 Suma	PP-210 Total Petroleum Hydrocarbons Calculated In Water And Soils. Reference EPA 8015 C
		Total Petroleum Hydrocarbons (Aromatic Fraction)	PP-224 PAHS, PCBs y RPS in Water and Soils by Gas Chromatography with mass Detector Masses
		DDT (Sum of 4,4'- DDD y 4,4-DDE)	PP-224 PAHS, PCBs y RPS in Water and Soils by Gas Chromatography with mass Detector Masses
		TPH (C6-C10)	EPA Method 8015 C (TPHs) Total Petroleum Hydrocarbons Non-Halogenated Organics using GC-FID Method 5021A Volatile organic compounds in various sample matrices using equilibrium headspace analysis.
		TPH (C6-C40)-Sum	PP-210 Total Petroleum Hydrocarbons Calculated in Water And Soils Reference EPA 8015 C
		Petroleum Hydrocarbon emulsified or dissolved (C10 - C28 y greater than C28)	PP-210 Total Petroleum Hydrocarbons Calculated in Water And Soils Reference EPA 8015 C
		Petroleum Hydrocarbon emulsified or dissolved; mineral oil	PP-210 Total Petroleum Hydrocarbons Calculated In Water And Soils Reference EPA 8015 C
		Vinyl chloride	EPA Method 8260 C (VOC´s) Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
Phthalate esters: Bis(2-ethylhexyl) phthalate Butyl benzyl phthalate Di-n-butyl phthalate Diethyl phthalate Dimethyl phthalate Di-n-octyl phthalate	PP-222 Determination of Phthalate Esters in water by Gas Chromatography with mass Detector Masses		



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water	Oil and Grease	PP-226. Determination of Oil and Grease based on ASTM D7066 – 04.
		Chlorophyll	SMEWW 10200 H.1,2 Chlorophyll.
	Soils and Sediments	C5-C10, C10-C28, C28-C40	EPA Method 8015 C (TPHs) Total Petroleum Hydrocarbons Non-Halogenated Organics using GC-FID Method 5021A (F1) Volatile organic compounds in various sample matrices using equilibrium headspace analysis. Method 3546: microwave extraction
			TPH (C6-C10)
		TPH (C6-C40)-Sum	PP-210 Determination of Total Petroleum Hydrocarbons Calculated n Water And Soils



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Soils and Sediments	Ortofenil fenol(OPP), Acetacloro, Acrinatrina, Alacloro,Aldrin (SP), Atrazina, Benalaxil (SP), Benfluralina, Bifenazato (SP), Bifenilo, Bifentrina, Bitertanol, Bromofos Metil, Bromopropilato, Bupirimato, Carbofenotion, Ciflutrin, Cipermetrina, Ciproconazol, Ciprodinil, Clordano cis, Clordano trans, Clorfenapir, Clorfenvinfós, Cloropropilato, Clorpirifos , Clorpirifos Metil, Clorprofam, Clortal Dimetil, Cyhalotrin-L,DDD- pp + DDT-op, Diazinon, Diclobenilo, Diclorán,Dicofol,Dieldrin (SP),Difenilamina, Difenoconazol,Diflufenicán, Diniconazol, Disulfotón, Disulfotón sulfona, Disulfotón sulfoxido, Endosulfan Alfa, Endosulfan Beta, Endosulfan Sulfato, Etion,Etofumesato (SP), Etoprofos, Fenarimol, Fenazaquina, Fenitrotión,Fenpropatrin, Fention (SP), Fentoato,Fenvalerato + Esfenvalerato, Flucitrinato, Iprovalicarb, Isazofos, Isofenfos, Isofenfos Metil, Kresoxim Metil, Malation (SP), Mepronilo, Metacrifós, Metalaxil (SP), Metoxicloro, Metribuzina, Miclobutanil, Mirex, Molinato, Napropamida, Nuarimol, Ofurace, Oxadixilo, Oxifluorfen, p.p-DDE, p.p-DDT, Paration Etil, Penconazol, Pendimetalina, Pentacloroanilina, Pentacloroanisol, Pentaclorobenceno, Permetrina, Piridabén, Pirifenox, Pirimetanil, Pirimicarb (SP), Pirimifos Etil, Pirimifos Metil,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Soils and Sediments	Piriproxifén, Procimidona, Profluralin, Propargita, Propizamida, Protiofós, Quinalfós, Quintoceno, Simazina, Tebuconazol, Tebufenpirad, Tecnaceno, Teflutrin, Terbacil, Terbutilazina, Terbutrin, Tetraconazol, Tetradifón, Tetrametrina, Tiometon, Tolclofos Metil, Transflutrin, Triadimenol (SP), Trifluralina, Vinclozolina (SP), 2,4- DDD; 2,4-DDE, 4.4- Diclorobenzofenona, Ametrina, Buprofezin, Clorbenzilat, Clorfenson, Clormefos, Clorotalonil, Clortoluron, Clozolinato, DEET, Diclobutazol, Diclofention, Endrin, Etrimfos, Fenclorfos, Fluazifop-Butil, Fluopicolide, Fluopiram, Fluotrimizol, Folpet, Formotion, Fosfamidon, Furalaxil, Heptacloro (SP), Hexaconazol, Lindano, Prometrina, Propaclor, Terbumeton, Triadimefon, Clordano, DDT (Suma), Dieldrin (Suma), Disulfutón (Suma), Endosulfan (Suma), Triadimefon y Triadimenol. Abamectina, Acetamiprid, Aldicarb, Aldicarb Sulfona, Aldicarb Sulfoxido, Azoxistrobina, Bendiocarb, Bentiavalicarb, Boscalida, Bromuconazol, Butoxicarboxim, Cadusafos, Carbaril, Carbofuran (SP), Ciazofamida, Cimoxanilo, Clofentezina, Clomazona, Clorantraniliprole, Clotianidin, Oxidemetón-metilo (SP), Demeton-S-Metil (SP), Desmedifam, Diclormid, Dietofencarb, Diflubenzuron, Dimetoato (SP), Dimetomorf,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Soils and Sediments	Dodemorfo, Epoxiconazol, Espinetoram, Espinosad, Espirodiclofeno, Espiromesifeno, Espirotetramat (SP), Espiroxamina, Etiofencarb, Etiprol, Etofenprox, Etoxazol, Famoxadona, Fenamidona, Fenamifos (SP), Fenbuconazol, Fenhexamida, Fenmedifan, Fenpiroximato, Fenpropidin (SP), Fenpropimorfo, Fensulfotion, Flonicamid (SP), Fludioxonilo, Flufenacet, Flufenoxuron, Fluometuron, Fluquinconazol, Flusilazol, Flutolanil, Flutriafol, Forato, Forato Sulfona, Forato Sulfoxido, Forclorfenuron, Fostiazato, Furatiocarb, Hexaflumuron, Hexitiazox, Imazalil, Imidacloprid, Indoxacarb, Isocarbofos, Isoproturón, Isoxabén, Lenacilo, Linurón, Mandipropamid, Mecarbam, Mepanipirim, Metaflumizona, Metamitrona, Metazacloro, Metil Tiofanato (SP), Metiocarb (SP), Metolacloro, Metolcarb, Metoxifenoxida, Metoxuron, Metrafenona, Monocrotófós, Monolinurón, Nitenpiram, Novalurón, Ometoato, Oxadiargilo, Oxadiazón, Oxamilo, Oxicarboxina, Pencicurón, Picoxistrobina, Piraclostrobina, Profam, Propanil, Propaquizafop, Propiconazol, Propoxur, Proquinazid, Prosulfocarb, Quinoxifen, Quizalofop- Ethyl (SP), Rotenona, Tebufenocida, Teflubenzurón, Terbufos, Tiabendazol, Thiametoxam (SP), Tiacloprid, Tiodicarb (SP), Tridemorfo, Trifloxystrobin, Triflumizol (SP), Triflumurón,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Soils and Sediments	Zoxamida, Acefato, Acequinocyl, Azadiractina, Azametifos, Azimsulfurón, Azinfos Etil, Azinfos Metil, Bentazona Metil, Bioaletrina, Bromacilo, Butacloro, Butralina, Carbofuran-3-Hidroxi, Carboxim, Carfentrazona Etil, Cicloato, Cicloxidim (SP), Ciflufenamida, Cihexatina, Clorfluazuron, Cloridazon, Cyantraniliprole, Demeton S Metil Sulfona, Dialifos, Diclorvos, Diclofop Metil, Dinocap (SP), Dinotefuram, Diuron, Enamectina Benzoato, Espirotetramat-Cis-Ketohidroxi, Espirotetramate-Enol-Glucoside, Espirotetramate-Monohidroxi, Etiofencarb sulfÓxido, Ethirimol, Fenbutatín Oxido, Fenobucarb, Fenpirazamina, Flubendiamida, Flumioxazina, Fosmet (SP), Fuberidazol, Haloxifop Metil, Haloxyfop- 2-Ethoxyetil, Indaziflam, Metamidofos, Metiocarb sulfona, Metiocarb sulfÓxido, Orizalin, Pentiopirad, Piraflufeno- etilo, Promecarb, Rimsulfuron, Saflufenacil, Sulfoxaflor, Terbufos- Oxon-Sulfone, Terbufos sulfona, TFNG, Tiobencarb, Tiociclam, Tolilfluanida (SP), Triclopir, Triclorfon, Triciclazol, Aldicarb (Suma), Dimetoato (Suma), Metiocarb (Suma), Forato (Suma), Oxidemetón-metilo (SP).	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Soils and Sediments	Alachlor, Aldrin, Ametrina, Atrazina, Benalaxil, Cipermetrina, Ciproconazol, Clodanifop PE (Propargil Ester), Clordano cis, Clordano-trans, Clordecona, Clorfenvinfos, Clorpirifos-Etil, Clortal-Dimetil, DDD- pp, DDE-pp, DDT-op, DDT-pp, Diazinon, Diclorvos-Triclorfon, Dicofol, Dieldrin, Diflufenican, Dimetoato, Endosulfan-alfa, Endosulfan-beta, Endosulfan-Sulfato, Endrin, Endrin Aldehido, Endrin Cetona, EPTC, Etion, Etoprofos, Fenamifos, Flusilazol, HCH-alfa, HCH-beta, HCH-delta, Heptachloro, Heptacloro-Epoxido, Hexaclorobenceno, Isodrin, Lindano (HCH- gamma), Metacloro, Metalaxil, Metidation, Metoxicloro, Metribuzina, Miclobutanilo, Mirex, Molinate, Naftaleno, Oxifluorfen, Paration-Etil, Paration-Metil, Pendimetalina, Pentaclorobenceno, Pirimetanil, Prometrina, Propazina, Propizamida, Simazina, Sime-trin, Terbutilazina, Terbutrina, Tetradifon, Trietazina, Trifluralin, Vinclozolina	EPA Method 8270 D (RP) Residues Pesticides off Organochlorine Phosphate and Other Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
		PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, PCB´s Suma (Calculate)	EPA Method 8270D (PCBs) Polychlorinated Biphenyls Semi-volatile Organic compounds by gas chromatography/mass spectrometry (GC/MS)



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Soils and Sediments	Acenafteno, Acenaftileno, Antraceno, Benzo-a- Antraceno, Benzo-a- Pireno, Benzo-b- Fluoranteno, Benzo-e- Pireno, Benzo-k- Fluoranteno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Pireno	EPA Method 8270 D (PAHs) Polycyclic Aromatic Hydrocarbons Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
		1,1,1,2-tetracloroetano 1,1,1-tricloroetano; 1,1,2,2-tetracloroetano SPCC; 1,1dicloroetano SPCC; 1,2,3-Triclorobenceno; 1,2,4-Trimetilbenceno; 1,2,4-triclorobenceno; 1,2-cis-dicloroetano; 1,2-Diclorobenceno; 1,2-Dicloroetano; 1,2-dicloropropano CCC; 1,2-trans- dicloroetano; 1,3,5-trimetilbenceno; 1,3-cis-dicloropropeno; 1,3diclorobenceno; 1,3-trans-dicloropropeno; 1,4-diclorobenceno; 1,1,2-tricloroetano; Benceno; Bromodiclorometano; Bromoformo; Clorobenceno SPCC; Clorodibromometano; Cloroformo; Estireno; Etilbenceno CCC; Hexacloro-1,3-butadieno; Isopropilbenceno; m,p-Xileno; Naftaleno; N-Butilbenceno; N-Propilbenceno; o-Xileno; p-Isopropiltolueno; Ter-butuilbenceno; Tetracloroetano; Tetracloruro de carbono; Tolueno CCC; Tricloroetano (1,1,2)	EPA Method 8260 C (VOC´s) Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
		Total Petroleum Hydrocarbons (calculate) C10 – C40 Suma C5- C40 Suma	PP-210 Total Petroleum Hydrocarbons Calculated In Water And Soils Reference EPA 8015 C



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FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Organic (continued)	Air	HCT (hexano)	ASTM 3687 Analysis of Organic Compound Vapors Collected by the Activated Charcoal Tube Adsorption Method
		Hidrocarburos No Metanos HCNM	PC-223 Determination of non- methane hydrocarbons in the Atmosphere
		VOCs (Benceno)	ASTM 3687 Analysis of Organic Compound Vapors Collected by the Activated Charcoal Tube Adsorption Method
	Fish & Hydrobiological	TPH (C10-C28, C28-C40)	PP-217 Total petroleum hydrocarbons in fish based on EPA 8015C
PAHs: Acenafteno, Acenaftileno, Antraceno, Benzo-a- Antraceno, Benzo-a- Pireno, Benzo-b- Fluoranteno, Benzo-e- Pireno, Benzo-k- Fluoranteno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Pireno		PP-219 Determination of Polycyclic Aromatic Hydrocarbons in Fish based on EPA 8270D	
Environmental - Inorganic	Natural Water, Drinking Water, Saline Water (validate), Process Water and Wastes Water.	Dissolved – Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, Se, Th, Tl, U, V, Zn Add Elements. B, Bi, Ca, Ce, Fe, K, Li, Mg, Na, P, Sn, Sr, Ti, W (Validate) Total – Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, Se, Th, Tl, U, V, Zn. Add Elements: B, Bi, Ca, Ce, Fe, K, Li, Mg, Na, P, Sn, Sr, Ti, W (Validated)	EPA Method 200.8 Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Inorganic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water and Waters.	Dissolved: Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, SiO ₂ , Sn, Sr, Tl, Ti, V, Zn.	EPA Method 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-atomic Emission Spectrometry
		Total: Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, SiO ₂ , Sn, Sr, Tl, Ti, V,	
	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Cyanide Free	SMEWW 4500-CN ⁻ J,E Cyanide. Cyanogen Chloride. Colorimetric Method
		Free Cyanide and Total Cyanide	PP-220 Total Cyanides in Water by a segmented flow autoanalyzer.
		Ammonia	SMEWW 4500 NH ₃ D Ammonia-Selective Electrode method
		Bromate, Chlorite y Chlorate	METHOD 300.0 Determination of Inorganic Anions by Ion Chromatography
		Fluoride, bromide, chloride, Nitrite (<i>as NO₂ or NO₂-N</i>), Nitrate (<i>as NO₃ or NO₃-N</i>) Phosphate (<i>PO₄ or PO₄-P</i>), Sulfate.	PE-2090 Determination of inorganic anions by ion chromatography
		Silica	SMEWW 4500-SiO ₂ D Heteropoly Blue Method
		Sulfide	SMEWW 4500-S ²⁻ D. Methylene Blue Method.
Phosphorus as Phosphates	SMEWW 4500-P E Phosphorus Ascorbic Acid		
Hydrogen Sulfide	SMEWW 4500-S ₂ ⁻ G,H Sulfide Ion Selective Electrode Method. Calculation of Un-ionized Hydrogen Sulfide		



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Inorganic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Hg	UNE EN ISO 17852 Cold vapor Fluorescence
		Total Nitrogen Calculation	Spectrometry PE-335
		Sum of (N-NO ₃ + N-NO ₂ + N ₂ Kjeldahl)	Calculated Total Nitrogen In Water
		Acidity	SMEWW-2310 B
		Alkalinity: Titration Method	SMEWW 2320 B
		Bicarbonate: Titration Method	SMEWW 2320 B
		Carbonate: Titration Method	SMEWW 2320 B
		Cyanide, Cyanide Selective Electrode Method. Weak Acid Dissociable Cyanide	SMEWW 4500 CN-,F,I
		Total Cyanide After Distillations- Cyanide- Selective Electrode Method	SMEWW 4500 CN-C,F
		Chloride: Argentometric Method	SMEWW 4500-CI B
		Color: Spectrophotometric - Single Wavelength method (proposed)	SMEWW 2120 C
		Biochemical Oxygen Demand (BOD) 5- Day BOD Test	SMEWW 5210 B
		Chemical Oxygen Demand (COD), Closet reflux, Colorimetric Method	SMEWW 5220 D
		Surfactants: Anionic Surfactants as MBAS	SMEWW 5540 C
		Hardness, EDTA Titrimetric Method	SMEWW 2340 C
		Phenols: Cleanup Procedure Chloroform Extraction Method	SMEWW 5530 -B,C
		Fluoride: Preliminary Distillation Step. Ion Selective Electrode Method	SMEWW 4500-F B,C
		Phosphorus: Sample preparation Ascorbic Acid Method	SMEWW 4500 P-B,E
		Nitrogen (Nitrate): Nitrate Electrode method	SMEWW 4500 NO ₃ D
		Nitrogen (Nitrite): Colorimetric Method	SMEWW 4500 NO ₂ -B
Nitrogen (organic): Semi micro Kjeldahl Method	SMEWW 4500 -N _{org} -C		
pH Value: Electrometric Method	SM EWW 4500 H ⁺ B		
Solids: Setteable Solids	SMEWW 2540 F		



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE	
Environmental - Inorganic (continued)	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Solids: Total Solids dried at 103 a 105 °C	SMEWW 2540 B	
		Solids: Total Dissolved Solids dried at 180 °C	SMEWW 2540 C	
		Sulfate: Turbidimetric Methods	SMEWW 4500- SO4 2-E	
		Nitrogen (Nitrate)	SMEWW 4500- NO3 -B	
	Soils and Sediments	Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, Se, Th, Tl, U, V, Zn Add Elements: B, Ca, Ce, Fe, K, Li, Mg, Na, P, Sn, Sr, Ti, W -(Validated) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Sn, Tl, Ti, V, Zn. Add Element: S (validate)	EPA Method 200.8 Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) EPA Method 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-atomic Emission Spectrometry	
		Soils, Sludges and Sediments	Total: As, Be, Cd, Co, Cr, Fe, Pb, Se, Tl. Add Elements: Al, Ag, B, Ba, Bi, Ca, Ce, Cu, Hg, Li, Sb, Si, Sn, Na, Sr, K, Mg, Mn, Mo, Ni, P, Ti, Th, U, V, W, Zn (Validated)	EPA 6020B/EPA 3050B Inductively Coupled Plasma-Mass Spectrometry/ Acid Digestion of Sediments, Sludges, and Soils
			Total: Ag, Al, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Tl, V, Zn. Add Elements: As, B, Hg, Li, P, Se, SiO ₂ , Sn, Sr, Ti. (validated)	EPA 6010C/EPA 3050B. Inductively Coupled Plasma-Atomic Emission Spectrometry/Acid Digestion of Sediments, Sludges, and Soils
	Soils and Sediments	Moisture Content	PE-980 Moisture Determination	
		Cyanide Free	EPA Method 9013-a / SM 4500-CN, F Cyanide Extraction Procedure for Solids and Oils	
		Chromium VI	PP-205 Hexavalent Chromium Leaching in soils and sediments.	
		Mercury	PP-208 Determination of Mercury by Atomic Fluorescence.	
		pH (1:1)	PEC-001 Determination of PH	



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental - Inorganic (continued)	Soils and Sediments	Conductivity (1:1)	PEC-002 Determination of Electrical Conductivity
	Air	Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, U, V, Zn	EPA - Compendium Method IO-3.4 Determination of Metals in Ambient Particulate Matter using Inductively Coupled Plasma Spectroscopy (ICP-OES)
		NO2	ASTM D 1607 - 91(2011) Standard Test Method for Nitrogen Dioxide Content of the Atmosphere (Griess- Saltzman Reaction)
		SO2	EPA 40 CFR- Chapter I - Title 40 - Appendix A-2 to Part 50. 2010 Reference Method for the Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline Method)
		PM 2.5 High Volume	PP-209 Determination of Breathable Particulate Matter As Pm2.5 In The Atmosphere
	Stationary emission source	Particulate Matter	EPA Method 5 Determination of Particulate Matter Emissions from Stationary Sources (only laboratory process)
		Sulfur dioxide (SO2)	EPA Method 6 Determination of Sulfur Dioxide Emissions from Stationary Sources (only laboratory process)
	Environmental - Microbiology	Natural Waters, Wastewaters, Drinking Waters, Saline	Phytoplankton Counting
Identification of aquatic organisms: Phytoplankton			SMEWW 10900
Waters, Process Waters and Waters		Identification of aquatic organisms: Zooplankton	SMEWW 10900
		Benthic Macroinvertebrates	SMEWW 10500 C.2
		Zooplankton Counting	SMEWW 10200 G
		Periphyton	SMEWW 10300 C, Items 1 y 2
		Nekton	SMEWW 10600 D, Items 1
		Fecal Enterococcus	SMEWW 9230B
Heterotrophic Plate Count	SMEWW 9215B		



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental – Microbiology	Natural Waters, Wastewaters, Drinking Waters, Saline Waters, Process Waters and Waters	Helminth eggs parasites	PP-301 Determination of Helminthes And ProtozoanParasites
		Helminth and Protozoa parasites	PP-301 Determination of Helminthes And ProtozoanParasites
		Giardia	PP-301 Determination of Helminthes And ProtozoanParasites
Enviromental – Inorganic + Sampling	Air	PM10 High Volume	NTP 900.030 PPI-505 Sampling Air quality. Reference Method for the Determination of Respirable Particulate Matter as PM10 in the Atmosphere (High Volume)
		CO	PP-202 Determination of Carbon Monoxide (CO) in the Atmosphere. PPI-504 Sampling Carbon Monoxide
		O3	PPI-201 Determination of Ozone (O3) in Atmosphere PPI-502 Sampling Determination of Ozone (O3) on Air Quality
		H2S	PP-203 Determination of Hydrogen Sulfide (H2S) In Atmosphere. PPI-503 Sampling
	Stationary emission source	O2, CO, CO2, SO2, NO, NO2 and NOX	PPI-506 O2, CO, CO2, SO2, NO and NO2 Concentration determination by An automatic analyzer
	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	pH in situ	PPI-202 Sampling SMEWW 4500-h, b pH Value. Electrometric Method in situ
		Conductivity in Situ	PPI-203 Sampling SMEWW 2510 b Conductivity. Laboratory Method in situ



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental – Inorganic + Sampling	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Temperature in situ	PPI-204 Sampling SMEWW 2550 b Temperature. Laboratory and Field Methods in situ
		Conductivity Oxygen, dissolved in situ	PPI- 205 Sampling EPA 360.1 Oxygen, Dissolved (Membrane Electrode) in situ
		"In Situ" Free Residual Chlorine, "In Situ" Total Chlorine	PPI-206 Determination of —In Situ Free Residual Chlorine, —In Situ Total Chlorine"
Agronomy - Inorganic	Foliage	Total - B, Ca, Cu, Mg, Mn, K, Na, Zn, P, Fe.	PEC-009 / PE-102 Determination of Metals by ICP-OES
	Foliage, food	Total Nitrogen	PEC-034 / PE-130 Determination of Dumas Nitrogen
Mining – Geochem	Rock, Rock Chip, Drill Core, Soil, Sediment, Sample Pulp, samples Minerals	Sample Preparations	PE-4017, Drying, Crushing, Pulverized, Sieve
		Multi-Element Analysis (Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sn, Sr, Ti, Tl, V, Zn)	PE -4006 by ICP-OES- Aqua Regia Digestion
		Multi-Element Analysis (Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sn, Sr, Ti, Tl, V, Zn)	PE -4006 by ICP-OES - 4 Acid Digestion
		Gold and Silver	PE- 4008, AAS analysis and PE-4007 Fire Assay
		Cu, Pb, Fe, Zn y Ag	PE 4026, Determination of Metals by Atomic Absorption Spectrophotometry
		Copper soluble H ₂ SO ₄	PE 4030, Soluble Copper in Sulfuric Acid by Atomic Absorption



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Mining – Geochem (continued)	Rock, Rock Chip, Drill Core, Soil, Sediment, Sample Pulp, samples Minerals	Metal present in water soluble Interchangeable ions Metal associated with carbonates	PE 4406, Sequential Extraction Method for Separation of Metals on Mining Waste
		Metal associated with manganese oxides and amorphous iron (Fe, Mn Oxam)	
		Metal bound to crystalline iron oxides (Fe Oxicryst) Metals in sulfides Remaining metal not extracted at earlier stages as silicate resistant phases	
	Rock, drill core, Sample Pulp, sample minerals	Alkaline fusion with sodium peroxide (silicon)	PP-206 Determination of silicon by fusion with sodium peroxide
	Rock, Rock Chip, Drill Core	Specific Gravity	PE 4029, Specific Gravity in Minerals
	Rock, Rock Chip, Drill Core, Soil, Sediment, Sample Pulp, samples Minerals	Neutralization Potencial	PE-4402, Neutralization Potential (NP)
		Maximum Potencial Acidity	PE-4407, Maximum Potential Acidity (MPA)
		Net Neutralizing Potential	PE-4407, Net Neutralizing Potential (NNP)
		Fizz Rating	PE-4409, Fizz Rating
		Total S	PE-4408, Elemental Analyzers
		Total Sulphate	PE-4005, Gravimetric Methods
		Elemental S	PE-4004, Gravimetric Methods
		Copper	PE-4009, Volumetric Methods
		Zinc	PE-4010, Volumetric Methods
Lead		PE-4011, Volumetric Methods	
Iron		PE-4012, Volumetric Methods	
Total Sulphide	PE-4016, Calculation Methods		
pH	PE-4413, Neto Acid Generation (NAG)		
Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Se, Si, Sn, Sr, Ti, U, V, Zn	PE-4401 - EPA Method 1311 Toxicity Characteristic Leaching Procedure (TCLP)		
Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Se, Si, Sn, Sr, Ti, U, V, Zn	PE-4414 Shake Flask Test, Solubility Testing (SFT)		



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Mining – Geochem (continued)	Rock, Rock Chip, Drill Core, Soil, Sediment, Sample Pulp, samples Minerals	Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Se, Si, Sn, Sr, Ti, U, V, Zn	PE-4412 Leaching in pH 4,2 of Inorganic Compost (SPLP)
		Neutralization Potential Lawrence	PE-4403, Neutralization Potential Lawrence
		pH of pasta	PE-4416
Food – Organic – Pesticides	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Ortofenil Fenol (OPP), Acetacoloro, Acrinatrina, Alacloro, Aldrin (SP), Atrazina, Benalaxil (SP), Benfluralina, Bifenazato (SP), Bifenilo, Bifentrina, Bitertanol, Bromofos Metil, Bromopropilato, Bupirimato, Carbofenotion, Ciflutrin, Cipermetrina, Ciproconazol, Ciprodinil, Clordano cis, Clordano trans, Clorfenapir, Clorfenvinfós, Cloropropilato, Clorpirifos, Clorpirifos Metil, Clorprofam, Clortal Dimetil, Cyhalotrin-L, DDD-pp + DDT-op, Diazinon, Diclobenilo, Diclorán, Dicofol, Dieldrin (SP), Difenilamina, Difenoconazol, Diflufenicán, Diniconazol, Disulfotón (SP) , Disulfotón sulfona, Disulfotón sulfoxido, Endosulfan Alfa, Endosulfan Beta, Endosulfan Sulfato, Etion, Etofumesato (SP), Etoprofos, Fenarimol, Fenazaquina, Fenitrotión, Fenpropatrin, Fention, (SP), Fentoato, Fenvalerato + Esfenvalerato, Flucitrinato, Fonofos, Fosalón, Hexaclorobenceno, Iprodiona, Iprovalicarb, Isazofos, Isofenfos, Isofenfos Metil, Kresoxim Metil, Malation (SP), Mepronilo, Metacrifós, Metalaxil (SP), Metidatión, Metoxicloro, Metribuzina, Mevinfos, Miclobutanil, Mirex, Molinato, Napropamida, Nuarimol, Ofurace, Oxadixilo, Oxifluorfen, pp-DDE, pp- DDT, Paration Etil,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Organic – Pesticides (continued)	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Paration Metil (SP), Penconazol, Pendimetalina, Pentacloroanilina, Pentacloroanisol, Pentaclorobenceno, Permetrina, Pirazofos, Piridabén, Piridafention, Pirifenox, Pirimetanil, Pirimicarb (SP), Pirimifos Etil, Pirimifos Metil, Piriproxifén, Procimidona, Profenofós, Profluralin, Propargita, Propizamida, Protiofós, Quinalfós, Quintoceno, Simazina, Tebuconazol, Tebufenpirad, Tecnaceno, Teflutrin, Terbacil, Terbutilazina, Terbutrin, Tetraconazol, Tetradifón, Tetrametrina, Tiometon, Tolclofos Metil, Translutrin, Triadimenol (SP), Triazofos, Trifluralina, Vinclozolina (SP), 2,4-DDD, 2,4-DDE, 4,4 Dicclorobenzofenona, Ametrina, Buprofezin, Carbosulfan, Clorbenzilat, Clorfenson, Clormefos, Clorotalonil, Clortoluron, Clozolinato, DEET, Deltametrina, Diafentiuron, Diclobutazol, Diclofention, Dicrotofos, Endrin, EPNC, Etrimfos, Fenclorfos, Fenoxicarb, Fention sulfon, Fention Sulfoxido, Fluazifop- Butil, Fluopicolide, Fluopiram, Fluotrimizol, Folpet, Formotion, Fosfamidon, Ftalamida (Folpet), Furalaxil, Heptacloro (SP), Hexaconazol, Lindano, Naled, Paraoxon Metil, Procloraz (SP), Prometrina, Propaclor, Terbumeton, Tetraclorvinfos, Tetrahidroftalamida (Captan), Triadimefon (SP), Dieldrin (Suma), DDT (suma), Disulfutón (Suma), Endosulfan (Suma), Folpet (Suma), Quintoceno (Suma), Paration Metil (Suma), Clordano, Triadimefon y Triadimenol.	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Organic – Pesticides (continued)	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Abamectina, Acetamiprid, Aldicarb, Aldicarb Sulfona, Aldicarb Sulfoxido, Azoxistrobina, Bendiocarb, Bentiavalicarb, Boscalida, Bromuconazol, Butoxicarboxim, Cadusafos, Carbaril, Carbofuran (SP), Ciazofamida, Cimoxanilo, Clofentezina, Clomazona, Clorantranilliprole, Clotianidin, Oxidemetón- metilo (SP), Demeton-S- Metil (SP), Desmedifam, Diclormid, Dietofencarb, Diflubenzuron, Dimetoato (SP), Dimetomorf, Dodemorfo, Dodina, Epoxiconazol, Espinetoram, Espinosad, Espirodiclofeno, Espiromesifeno, Espirotetramat (SP), Espiroxamina, Etiofencarb, Etiprol, Etofenprox, Etoxazol, Famoxadona, Fenamidona, Fenamifos (SP), Fenbuconazol, Fenhexamida, Fenmedifan, Fenpiroximato, Fenpropidin (SP), Fenpropimorfo, Fensulfotion, Flonicamid (SP), Fludioxonilo, Flufenacet, Flufenoxuron, Fluometuron, Fluquinconazol, Flusilazol, Flutolanil, Flutriafol, Forato, Forato Sulfona, Forato Sulfoxido, Forclorfenuron, Fostiazato, Furatiocarb, Hexaflumuron, Hexitiazox, Imazalil, Imidacloprid, Indoxacarb, Isocarbofos, Isoproturón, Isoxabén, Lenacilo, Linurón, Mandipropamid, Mecarbam, Mepanipirim, Metaflumizona, Metamitrona, Metazacloro, Metil Tiofanato (SP), Metiocarb (SP), Metolacloro, Metolcarb, Metomilo (SP), Metoxifenoxida, Metoxuron, Metrafenona, Monocrotofós, Monolinurón, Nitenpiram, Novalurón, Ometoato, Oxadiargilo, Oxadiazón,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Organic – Pesticides (continued)	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Oxamilo, Oxicarboxina, Paclobutrazol, Pencicurón, Picoxistrobina, Piraclostrobina, Profam, Propamocarb (SP), Propanil, Propaquizafop, Propiconazol, Propoxur, Proquinazid, Prosulfocarb, Quinoxifen, Quizalofop- Ethyl (SP), Rotenona, Sulfotep, Tebufenocida, Teflubenzurón, Terbufos, Tiabendazol, Thiametoxam (SP), Tiacloprid, Tiodicarb (SP), Tridemorfo, Trifloxystrobin, Triflumizol (SP), Triflumurón, Zoxamida, Acefato, Acequinocyl, Amitraz, Azadiractina, Azametifos, Azimsulfurón, Azinfos Etil, Azinfos Metil, Benomilo- Carbendazima, Bentazona Metil, Bentazona (SP), Bioaletrina, Bromacilo, Butaclo, Butralina, Carbofuran-3- Hidroxi, Carboxim, Carfentrazona Etil, Cicloato, Cicloxidim (SP), Ciflufenamida, Cihexatina, Ciromazina, Clorfluazuron, Cloridazon, Cyantraniliprole, Demeton S Metil sulfona, Dialifos, Diclorvos, Diclofop Metil, Dinocap (SP), Dinotefuram, Diuron, DNOC, Emamectina Benzoato, Espirotetramat- Cis-ketohidroxi, Espirotetramate-Enol- Glucoside, Espirotetramate- Monohidroxi, Etofencarb sulfóxido, Ethirimol, Etoxiquina, Fenbutatín Óxido, Fenobucarb, Fenpirazamina, Fipronil (SP), Flazasulfuron, Fluacinam, Flubendiamida, Flumioxazina, Formetanato, Fosmet (SP), Fuberidazol, Haloxifop- Metil, Haloxyfop-2- Ethoxyetil,	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Organic – Pesticides (continued)	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Indaziflam, Metamidofos, Metiocarb sulfona, Metiocarb sulfóxido, Orizalin, Pentopirad, Pimetrocina, Piridato, Promecarb, Rimsulfuron, Saflufenacil, Sulfoxaflor, Terbufos sulfona, Terbufos sulfóxido, Tiobencarb, Tiociclam, Tolilfluanida (SP), Triclorfon, Triciclazol, Triforina, Aldicarb (Suma), Dimetoato (Suma), Metiocarb (Suma), Forato (Suma), Oxidemetón-metilo (Suma), Carbofuran (Suma), Metomilo (Suma), Thiametoxan (Suma)	PE-674 Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS
Food – Organic - Pesticides	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Acefato, Acetoclor, Acrinatrina, Alacloro, Aldrin, Amitraz Atrazina, Azinfos Etil, Azinfos Metil, Benalaxil, Benfluralin, Bifenazato, Bifenilo, Bifentrin, Bitertanol, Bromofos Methyl, Bromopropilato, Bupirimato, Buprofezin, Captan, Carbaril I, Carbaril II, Carbaril, Carbofenotio, Carbosulfan, Chinometionato, Ciflutrin, Cipermetrina, Ciproconazol, Ciprodinil, Clorbenzilat, Clordane, Clorfenapir, Clorfenvinfos, Cloropropilato, Clorpirifos, Clorprofam, Clortal- Dimetil, Clortalonil, Clortoluron, DDD-pp + DDT- pp, DDE-pp, DDT-op, Deltametrina, Diafenturion, Diclobenil, Diclofentio, Diclofluanida, Dicloran, Diclorvos, Dicofol, Dicrotofos, Dieldrin, Difenilamina, Difenoconazol, Diflufenican, Dimetoato, Diniconazol, Dinobuton, Disulfoton sulfone, Disulfoton sulfoxide, Disulfoton, Ditalimfos, Diuron, Endosulfan I, Endosulfan sulfato, Endrin, Etalfluralin,	PE-614, Determination of Pesticide Residue using MiniLuke and Quecher by GC - MS/MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Organic - Pesticides	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Etiofencarb, Etion, Etofumesato, Etoprofos, Etoxiquina, Etridiazol, Etrimfos, Fenamifos, Fenarimol, Fenazaquin, Fenitrothion, Fenoxicarb, Fenpropatrin, Fensulfuton, Fention, Fentoato, Fenvalerato+ Esfenvalerato, Fluazifop- Butil, Flucitrinato, Fludioxonil, Fluquinconazol, Flusilazol, Flutriafol, Fluvalinato tau, Folpet, Fonofos, Fosmet, Heptenofos, Pentaclorobenceno, Permetrina, Pirazofos, Piridaben, Piridafention, Pirifeno, Pirimetanil, Pirimicarb, Pirimifos Etil, Pirimifos, Metil, Piriproxifen, Procimidona, Procloraz, Profam, Profenofos, Profluralin, Prometrina, Propargita, Propiconazol, Propizamida, Protiofos, Quinalfos, Quinometionato, Quintozene, Simazina, Sulfotep, Tebuconazol, Tebufenpirad, Tecnazen, Teflutrin, Terbacil, Terbufos, Terbutilazina, Terbutrina, Tetraclorvinfos, Tetraconazol, Tetradifon, Tetrametrina, Tiabendazol LC-MS, Tiometon, Tolclofos metil, Tolilfluanida, Transflutrin, Triadimefon, Triadimenol, Triazofos, Triciclazole, Triclorfon, Trifluralin, Uniconazol-P, Vinclozolina, Zoxamida.	PE-614, Determination of Pesticide Residue using MiniLuke and Quecher by GC - MS/MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Organic – Pesticides	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Abamectina, Acetamiprid, Aclonifen, Aldicarb, Aldicarb Sulfona, Aldicarb Sulfoxido, Azoxistrobin, Bendiocarb, Benomilo-Carbendazima, Bentazone, Bentiovalicarb, Boscalid, Bromacilo, Bromoxinil, Bromuconazol, Butoxicarboxim, Cadusafos, Captafol, Carbofuran, Chloridazon, Ciazofamida, Cicloxidin, Cimoxanilo, Ciromazina, Cletodim, Clofentezina, Clopyralid, Clorantraniliprole, Clothianidin, Demeton-S-Metil, Demeton-S-Metil Sulfoxido, Desmedifan, Diclorimid, Diclorprop, Dietofencarb, Dimetoato, Dimetomorf, Dinocap, Dodemorph, Dodine, Emamectin Benzoato, Espinosad A+D, Espirodiclofen, Etiprol, Etofenprox, Etoxazol, Famoxadona, Fenamidona, Fenbuconazol, Fenhexamida, Fenmedifan, Fenpropimorf, Fipronil, Flazasulfuron, Flonicamid, Fluacinan, Flubendiamida, Flufenoxuron, Fluometuron, Fluopicolid, Fluotrimizole, Fluratiocarb, Flutalonil, Forato, Forato Sulfona, Forato Sulfoxido, Forclorfenuron, Formetanato, Fostiazato, Hexaflumuron, Hexitiazox, Hymexazol, Imazamox, Imazamox, Imidacloprid, Indoxacarb, Ioxinil, Isocarbofos, Isoproturon, Isoxaben, Lenacilo, Linuron, Lufenuron, Mepanipirin, Meptil Dinocap, Meptyl Dinocap, Metaflumizona, Metamitrona, Metiltiofanato, Metolaclor,	PE-618, Determination of Pesticide Residue using MiniLuke and Quecher by LC - MS/MS



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Organic – Pesticides	Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	Metolcarb, Metomilo, Metoxuron, Monocrotofos, Monolinuron, Nicosulfuron, Nitenpiram, Ometoato, Oxadiargil, Oxamilo, Pencicuron, Picoxistrobin, Pimetrozina, Piridato, Propaquizafop, Propoxur, Proquinazid, Prosulfocarb, Quinclorac, Quinmerac, Quinoxifen, Quizalofap Ethil, Rinsulfuron, Rotenona, Spinetoram, Spinosin A+D, Spirotetramat, Spiroxamina, Sulcotriona, Tebufenocida, Teflubenzuron, Thiadizuron, Thiociclam, Tiabendazol, Tiacloprid, Tiametoxan, Tiodicarb Tridemorf, Trifloxistrobin, Triflumizol, Triflumuron, Triforina.	PE-618, Determination of Pesticide Residue using MiniLuke and Quecher by LC - MS/MS
Food – Organic – Pesticides	Cereal, Nuts, Dried fruits/Fruits, Vegetables	Aflatoxins y Ochratoxinas	PP-225 Determination of Micotoxins by Liquid Chromatography LC / MS-MS
	Fruits and Vegetables	Ethephon	PE-652 Ethephon Residues in Fruits and Vegetables by
	Fatty Matrices and Fruits and Vegetables	Dithiocarbamates (as CS ₂)	PEC-032 Determination of Dithiocarbomates through Spectrophotometric ultraviolet visible spectrophotometry.
Food – Organic	Fish & Hydrobiological	Hystamine	PE-516, Determination of Residues of Hystamine by LC-MS/MS Chromatography
	Fruit and Vegetables High Water and Low Fat	Quaternary Ammonium	PE-655, Determining Quaternary Ammonium Compounds by Chromatography



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Food – Inorganic	Fruits and vegetables /Fish and Hydrobiological	Multi Element Analysis (Hg, As, Cr, Cd, Sn, Pb, Cu, Ni, V, Fe, Zn, Mn)	PC 230 Determination of base metal by ICP/OES
	Meats, fish and seafood, fruits, vegetables, and fruit juice, milk and milk, derivativs, oil, cereals and flour.	Total– Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, Se, V, Zn, B, Fe, Li, Sn, Sr, Ti,	PE-324 Determination of total elements in food by spectroscopy ICP-MS
Food – Microbiology	Food	Colony Count Techniques at 30°C, Horizontal Method for the Enumerations of Microorganisms	ISO 4833, 5.2.2.1
		Detection of Salmonella spp. Horizontal Method for the Detection of Salmonella spp. 37°C	ISO 6579
		Coagulase Positive Staphylococci. Technique using Baird-Parker Agar Medium. 37°C	ISO 6888-1, 9.2.1
		Detection and Enumeration of Listeria Monocytogenes. Part 1: Detection Method	ISO 11290-1
Food – Microbiology (continued)	Food	Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli – Part 2: Colony-count technique at 44 degrees C using 5- bromo-4-chloro-3indolyl beta-D-glucuronide	ISO 16649-2
		Enumeration of Yeast and Mold – Dilution Plating Technique. Spread-plate Method	FDA BAM Ch 18, B.1,
		Total Coliform	AOAC 991.14
		Bacillus cereus presumptive	ISO 7932



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental – Microbiology	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Colony Count by Inoculation in a nutrient Agar Culture Medium at	ISO 6222
		Escherichia coli and Coliform Bacteria ISO 6222	ISO 9308-1
		Fecal coliform in water (Filtration)	PE-403 Fecal Coliforms In Waters (Filtration)
		Fecal coliform – Fermentation Technique (NMP)	SMEWW 9221 E.1
		Total coliform – Fermentation Technique (NMP)	SMEWW 9221 B. 2,3,4a (1,3,4),4b
		Escherichia coli using Fluorogenic Substrate	SMEWW 9221 F
		Detection of Pathogenic Bacteria - Salmonella	SMEWW 9260 B,2.d, 4.a,c,6.c,e,7,8.
	Detection of Pathogenic Bacteria - Vibrio	SMEWW 9260 H,2.d,3.d.1, 6.b,7 excepto uso antisuero O139	
	Natural Water and Wastes Water	Detection of Salmonella spp.	UNE-EN-ISO 19250. 8.1, 8.2.2, 8.3, 8.4, 8.5, 9.
Environmental – Inorganic	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	Weak Acid Dissociable Cyanide (WAD).	ASTM D4374 – 6 Standard Test Methods for Cyanides in Water— Automated Methods for Total Cyanide, Weak Acid Dissociable Cyanide, and Thiocyanate.
		Silicate	PP-228 Determination of Silicates Calculated in Waters, based on SM APHA-AWWA- WEF. 4500 -SiO2 D
Mining – Geochem	Samples Minerals	Multi-Element Analysis (Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Sn, Sr, Ti, Tl, V, W, Zn).	PE-4041/PE-4042 Disintegration of mineral samples. Acid Digestion and Alkaline Mergers / Determination of metals in minerals by spectrophotometry of emissions by coated plasma induced (icp- oes). digestion water regia



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Mining – Geochem (continued)	Samples Minerals	Multi-Element Analysis (Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K,La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S,Sb, Sc, Sn, Sr, Ti, V, W, Zn)	PE-4041/PE-4043 Disintegration of mineral samples. Acid Digestion and Alkaline Mergers / Determination of metals in minerals by spectrophotometry of emissions by coated plasma induced (icp-oes). digestion four acids
Environmental – Organic	Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water.	HAPs (complement) Benzo-g,h,i-Perileno; Indeno(1,2,3,c,d) pireno	EPA Method 8270 D (PAHs) Polycyclic Aromatic Hydrocarbons Semi-volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)
		2,2-Dicloropropano; Bromoclorometano; 1,1-Dicloro-1- Propeno; Dibromometano; 1,3-Dicloropropano; 1,2-Dibromoetano; 1,2,3-Tricloropropano; Bromobenceno; 2-Clorotolueno; 4-Clorotolueno; sec-Butilbenceno, 1,2-dibromo-3-chloropropane	EPA Method 8260C (VOC´s) Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
	Soils, sludges and Sediments	HAPs (complement) Dibenzo-a,h-Antraceno Benzo-g,h,i-Perileno Indeno(1,2,3,c,d) pireno	EPA Method 8270 D (PAHs) Polycyclic Aromatic Hydrocarbons Semi-volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS)
		DDT (Sum) = 4,4'-DDT + 4,4'-DDE + 4,4'-DDD Heptacloro y Heptacloro epóxido (Sum) = Heptacloro + Heptacloro epóxido	EPA Method 8270 D (PAHs) Semi-volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry (GC/MS) RM-N°-137-2016- MINAM



SCOPE OF ACCREDITATION

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Environmental – Organic (continued)	Soils, sludges and Sediments	2,2-Dicloropropano; Bromoclorometano; 1,1- Dicloro-1- Propeno; Dibromometano; 1,1,2- Tricloroetano; 1,3- Dicloropropano; 1,2- Dibromoetano; 1,2,3- Tricloropropano; Bromobenceno; 2- Clorotolueno; 1,2-dibromo-3- chloropropane	EPA Method 8260C (VOC´s) Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
		Hidrocarburos Alifáticos y Aromáticos	TNRCC 1005, TNRCC 1006