



INTERNATIONAL
ACCREDITATION
SERVICE®



SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-502
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ENVIRONMENTAL - ORGANICS	
Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water	
EPA Method 8015 (TPHs) Method 5021 Method 3510	Total Petroleum Hydrocarbons Non-Halogenated Organics using GC-FID / Volatile organic compounds in various sample matrices using equilibrium headspace analysis / Separatory funnel liquid - liquid extraction. Total Petroleum Hydrocarbons: C5-C10 Total Petroleum Hydrocarbons: C10-C28 Total Petroleum Hydrocarbons: C28- C40 Total Petroleum Hydrocarbons: C8-C40 Total Petroleum Hydrocarbons: C6-C10 Total Petroleum Hydrocarbons:C10-C40 Total Petroleum Hydrocarbons C5- C40 Total Petroleum Hydrocarbons C6-C40
EPA Method 8260 (VOC´s)	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- Dibromoetano; 1,2-cis- dicloroetano; 1,1- Dicloro-1- Propeno; 1,2- Diclorobenceno; 1,2-Dicloroetano; 1,2-dicloropropano CCC; 1,2-trans- dicloroetano; 1,2,3- Tricloropropano; 1,3,5-trimetilbenceno; 1,3-Dicloropropano; 1,3-cis-dicloropropeno; Dibromometano; 1,3diclorobenceno; 1,3- trans-dicloropropeno;1,4-diclorobenceno; 1-1-2-tricloroetano; Benceno; Bromobenceno; Bromoclorometano; Bromodiclorometano; Bromoformo; sec- Butilbenceno, Clorobenceno SPCC; Clorodibromometano; Cloroformo; 2- Clorotolueno; 4- Clorotolueno; 1,2-dibromo-3-chloropropane; 2,2-Dicloropropano; Estireno; Etilbenceno CCC; Hexacloro- 1,3-



SCOPE OF ACCREDITATION

	<p>butadieno; Isopropilbenceno; m,p- Xileno; Naftaleno; N- Butilbenceno; N- Propilbenceno; o-Xileno; p- Isopropiltolueno; Ter- butilbenceno; Tetracloroetano; Tetracloruro de carbono; Tolueno CCC; 1,1,2 tricloreteno and 1,1-Dicloroetano, Vinyl chloride,</p> <p>Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>DS N° 004-2017-MINAM, Trihalometanos, Xilenos</p>
EPA Method 8270 (PAHs)	<p>Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>Polycyclic Aromatic Hydrocarbons: Acenafteno, Acenaftileno, Antraceno, Benzo-a- Antraceno, Benzo-a- Pireno, Benzo-b- Fluoranteno, Benzo-e- Pireno, Benzo-g,h,i-Perileno; Indeno(1,2,3,c,d) pireno, Benzo-k-Fluoranteno, Criseno, Dibenzo-a, h-Antraceno, Fenantreno, Fluoranteno, Fluoreno, Indeno, Pireno, Pentaclorofenol</p>
EPA Method 8270 (PCBs)	<p>Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>Polychlorinated Biphenyls: PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, PCB 's SUM (Calculate)</p>
EPA Method 8270 (RP)	<p>Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>Residues Pesticides off Organochlorine Phosphate and Other: 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, Heptacloro- 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</p> <p>Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>DS N° 004-2017-MINAM, DDT (Sum) = 4,4'-DDD + 4,4'-DDE, Aldrín + Dieldrín ; Heptacloro + Heptacloro Epóxido, Clordano, Endosulfan</p>



SCOPE OF ACCREDITATION

PE-623	Pesticide Residues in Water by Chromatography (LC/MS-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-674	Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS Ortofenil Fenol (OPP), Acetacloro, Aldrin (SP), Benalaxil (SP), Benfluralina, Bifenilo, Bifentrina, Bupirimato, Ciproconazol, Clordano cis, Clordano trans, Clorfenapir, Cloropropilato, 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, Hexazinona; Isofenfos, Isofenfos Metil, Kresoxim Metil, Metacrifós, 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, Quinalphos, 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 Diclorobenzofenona, 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 (SUM). 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, Espiromesifeno, Espirotetramat (SP), Espiroxamina, Etiprol, Etofenprox, Etoazol, Famoxadona, Fenamidona, Fenbuconazol, Fenhexamida, Fenmedifan, Fenpiroximato, Fenpropidin (SP), Fenpropimorfo, Fensulfotion, Fonicamid (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),



SCOPE OF ACCREDITATION

PE-674 (continued)	Metolaclo, 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), Tiaclopid, Tiodicarb (SP), Tridemorfo, Trifloxystrobin, Triflumizol (SP), Triflumurón, Zoxamida, 2,4-D, Acefato, Acequinocyl, Azadiractina, Azametifos Azimsulfurón, Azinfos Etil, Azinfos Metil, Benomilo-Carbendazima, Bioaletrina, Bromoxinil, Butralina, Carbofuran-3-Hidroxi, Carboxim, Carfentrazona Etil, Cicloato, Ciflufenamida, Cihexatina, Clorfluazuron, Cloridazon, yantraniliprole, 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 (SUM), Carbofuran(SUM), Dimetoato (SUM), Fonicamid (SUM), Haloxifop (SUM), Metomilo (SUM), Piraflufeno-etilo (SUM), Thiametoxam(SUM), Hexazinona
PP-210	Total Petroleum Hydrocarbons Calculated In Water and Soils. Reference EPA 8015 Petroleum Hydrocarbon emulsified or dissolved (C10-C28 and greater than C28) Petroleum Hydrocarbon emulsified or dissolved mineral oil
PP-222	Determination of Phthalate Esters in water by Gas Chromatography with mass Detector Masses Phthalate esters: Bis (2- ethylhexyl) phthalate, Butyl benzyl phthalate, Di-n- butyl phthalate, Diethyl phthalate, Dimethyl phthalate, Di-n- octyl phthalate
PP-224	PAHS, PCBs y RPS in Water and Soils by Gas Chromatography with mass Detector Masses Total Petroleum Hydrocarbons (Aromatic Fraction)
PP-226	Determination of Oil and Grease based on ASTM D7066 – 04 Oil and Grease
SMEWW 10200 H.1,2	Chlorophyll
Soil, Sediments and Sludges	



SCOPE OF ACCREDITATION

<p>EPA Method 8015 (TPHs) Method 5021 Method 3546</p>	<p>Total Petroleum Hydrocarbons Non- Halogenated Organics using GC-FID / Volatile organic compounds in various sample matrices using equilibrium headspace analysis / Microwave Extraction.</p> <p>Total Petroleum Hydrocarbons: C5-C10, Total Petroleum Hydrocarbons: C10-C28 Total Petroleum Hydrocarbons: C28-C40 Total Petroleum Hydrocarbons: C6-C10 Total Petroleum Hydrocarbons: C6-C40, Total Petroleum Hydrocarbons: C10-C40, Total Petroleum Hydrocarbons: C5-C40</p> <p>Total Petroleum Hydrocarbons Non- Halogenated Organics using GC-FID/ DS N° 011-2017-MINAM Total Petroleum Hydrocarbons: >C10 – C28 Total Petroleum Hydrocarbons: >C28- C40 Total Petroleum Hydrocarbons: >C10 - C40</p>
<p>EPA Method 8260 (VOC´s)</p>	<p>Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>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-dicloropropano; 1,3 diclorobenceno; 1,3-trans-dicloropropano; 1,4-diclorobenceno; 1,1,2- tricloroetano; Benceno; Bromobenceno; Bromoclorometano; Bromodiclorometano; Bromoformo; Clorobenceno SPCC; Clorodibromometano; Cloroformo; 2- Clorotolueno; 1,2-dibromo-3- chloropropane; 1,2- Dibromoetano; Dibromometano; 1,1- Dicloro-1- Propeno; 1,3- Dicloropropano; 2,2-Dicloropropano; 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; 1,1,2 Tricloroetano, 1,2-Dietilbenceno; 1,2,3,4 - Tetraclorobenceno, 1,2,3,5 -Tetrametilbenceno, 1,2,4,5 - Tetrametilbenceno; 1,2,4,5-Tetraclorobenceno, metil-t-butil-eter; 1,1,2- Tricloroetano; 1,2,3- Tricloropropano;</p> <p>Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>DS N° 011-2017-MINAM o- Xileno, m- Xileno, p- Xileno, Xilenos SUM (Calculate)</p>
<p>EPA Method 8270 (PAHs)</p>	<p>Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)</p> <p>Polycyclic Aromatic Hydrocarbons:</p>



SCOPE OF ACCREDITATION

EPA Method 8270 (PAHs) (continued)	Acenafteno, Acenaftileno, Antraceno, Benzo-a-Antraceno, Benzo-a- Pireno, Benzo-b-Fluoranteno, Benzo-e-Pireno, Benzo-g,h,i-Perileno Indeno(1,2,3,c,d) pireno, Benzo-k-Fluoranteno, Criseno, Dibenzo-a,h-Antraceno Benzo-g,h,i-Perileno Indeno(1,2,3,c,d) pireno; Fenantreno, Fluoranteno, Fluoreno, Pireno
EPA Method 8270 (RP)	Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) Residues Pesticides off Organochlorine Phosphate and Other: Aalachlor, 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), Metalacloro, Metalaxil, Metidation, Metoxicloro, Metribuzina, Miclobutanilo, Mirex, Molinate, Naftaleno, Oxifluorfen, Paration-Etil, Paration-Metil, Pendimetalina, Pentaclorobenceno, Pirimetanil, Prometrina, Propazina, Propizamida, Simazina, Simetrin, Terbutilazina, Terbutrina, Tetradifon, Trietazina, Trifluralin, Vinclozolina DDT (Sum) = 4,4'-DDT + 4,4'-DDE + 4,4'-DDD Heptacloro y Heptacloro epóxido (Sum) = Heptacloro + Heptacloro epóxido
EPA Method 9071	Oil and grease or hem- N-hexane extractable material (HEM)
PEC-012	Determination of Total Organic Matter
TNRCC Method 1005, TNRCC Method 1006	Total Petroleum Hydrocarbons / Characterization of Nc6 to Nc35 Petroleum Hydrocarbons in Environmental Samples. Hidrocarburos Alifáticos y Aromáticos
Soil, Sediments	
EPA Method 8270 (PCBs)	Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) Polychlorinated Biphenyls: PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, PCB 's SUM (Calculate)
PE-674	Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS Ortofenil fenol(OPP), Acetacloro, Carination, 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, Clorfenvinfos, Cloropropilato, Clorpirifos , Clorpirifos Metil, Clorprofam, Clortal Dimetil, Cyhalotrin-L, DDD-pp + DDT-op, Diazinon, Diclobenilo, Diclorán, Dicofol, Dieldrin (SP), Difenilamina, Difenconazol, Diflufenicán, Diniconazol,



SCOPE OF ACCREDITATION

PE-674 (continued)	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, Piriproxifén, Procimidona, Profluralin, Propargita, Propizamida, Protiofós, Quinalfós, Quintoceno, Simazina, Tebuconazol, Tebufenpirad, Tecnaceno, Teflutrin, Terbacil, Terbutilazina, Terbutrin, Tetraconazol, Tetradifón, Tetrametrina, Tiometon, Tolclofos Metil, Translutrin, 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 (SUM), Dieldrin (SUM), Disulfutón (SUM), Endosulfan (SUM), 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, Dodemorfo, Epoxiconazol, Espinetoram, Espinosad, Espirodiclofeno, Espiromesifeno, Espirotetramat (SP), Espiroxamina, Etiofencarb, Etiprol, Etofenprox, Etoazol, 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, Monocrotofós, Monolinurón, Nitenpiram, Novalurón, Ometoato, Oxadiargilo, Oxadiazón, Oxamilo, Oxicarboxina, Pencicurón, Picoxistrobina, Piraclostrobin,
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SCOPE OF ACCREDITATION

PE-674 (continued)	Profam, Propanil, Propaquizafop, Propiconazol, Propoxur, Proquinazid, Prosulfocarb, Quinoxifen, Quizalofop- Ethyl (SP), Rotenona, Tebufenocida, Teflubenzurón, Terbufos, Tiabendazol, Thiametoxam (SP), Tiaclopid, Tiodicarb (SP), Tridemorfo, Trifloxystrobin, Triflumizol (SP), Triflumurón, 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 MetII Sulfona, Dialifos, Diclorvos, Diclofop Metil, Dinocap (SP), Dinotefuram, Diuron, Emamectina Benzoato, Espiroetramat-Cis- Ketohidroxi, Espiroetramate-Enol- Glucoside, Espiroetramate- 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, Tiociclám, Toliifluanida (SP), Triclopir, Triclorfon, Triciclazol, Aldicarb (SUM), Dimetoato (SUM), Metiocarb (SUM), Forato (SUM), Oxidemetón- metilo (SP)
Air	
ASTM D3687	Analysis of Organic Compound Vapors Collected by the Activated Charcoal Tube Adsorption Method. HCT (Hexano) VOCs (Benceno)
PP-223	Determination of non- methane hydrocarbons in the Atmosphere Hidrocarburos No Metanos HCNM
Fish & Hydrobiological	
PP-217	Total petroleum hydrocarbons in fish based on EPA 8015C TPH (C10-C28, C28-C40)
PP-219	Determination of Polycyclic Aromatic Hydrocarbons in Fish based on EPA 8270D PAHs: Acenafteno, Acenaftileno, Antraceno Benzo-a-Antraceno, Benzo-a- Pireno, Benzo-b- Fluoranteno, Benzo-e- Pireno, Benzo-k- Fluoranteno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Pireno.
ENVIRONMENTAL - ORGANOLEPTIC	



SCOPE OF ACCREDITATION

Drinking Waters, Bottled waters	
SMEWW 2170 B	Flavor Profile Analysis: Odor Flavor Profile Analysis: Flavor
ENVIRONMENTAL - INORGANICS	
Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water	
ASTM D4374 – 6	Standard Test Methods for Cyanides in Water— Automated Methods for Total Cyanide, Weak Acid Dissociable Cyanide, and Thiocyanate. Cyanide WAD
EPA Method 200.7	Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-atomic Emission Spectrometry 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. 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, Zn
EPA Method 200.8 EPA Method 200.8 (continued)	Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) 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)
Method 300.0	Determination of Inorganic Anions by Ion Chromatography Bromate, Chlorite and Chlorate
PE-335	Calculated Total Nitrogen in Water. Total Nitrogen Calculation Sum of (N-NO ₃ + N-NO ₂ + N ₂ Kjeldahl)
PE-2090	Determination of inorganic anions by ion chromatography Bromide, Fluoride, chloride, Nitrite (as NO ₂ or NO ₂ -N), Nitrate (as NO ₃ or NO ₃ -N) Phosphate (PO ₄ or PO ₄ -P), Sulfate
PP-220	Total Cyanides in Water by a segmented flow autoanalyzer. Free Cyanide and Total Cyanide
PP-228	Determination of Silicates Calculated in Waters, based on SM APHA-AWWA- WEF. 4500 -SiO ₂ D



SCOPE OF ACCREDITATION

	Silicate
PP-232	Sum of Nitrates + Calculated Nitrites in Waters / DS N° 004-2017-MINAM N-NO ₃ + N-NO ₂ (calculate)
SMEWW 2120 C	Color. Spectrophotometric- Single- Wavelength method (proposed)
SMEWW 2310 B	Acidity Titration Method.
SMEWW 2320 B	Alkalinity. Titration Method Alkalinity, Bicarbonate, Carbonate
SMEWW 2340 C	Hardness, EDTA Titrimetric Method
SMEWW 2540 B	Solids. Total Solids dried at 103 a 105 °C
SMEWW 2540 C	Solids: Total Dissolved Solids dried at 180 °C.
SMEWW 2540 F	Solids. Setttable Solids
SMEWW 3500- Cr B	Chromium. Colorimetric Method. Dissolved Hexavalent Chromium (Cr VI)
SMEWW 4500 - Cl ⁻ B	Chloride. Argentometric Method
SMEWW 4500 - CN ⁻ C, F	Cyanide. Total Cyanide After Distillation / Cyanide-Ion Selective Electrode Method Total Cyanide
SMEWW 4500 - CN ⁻ F, I	Cyanide. Cyanide-Ion Selective Electrode Method / Weak Acid Dissociable Cyanide. Cyanide WAD
SMEWW 4500-CN ⁻ J, E	Cyanide. Cyanogen Chloride / Colorimetric Method Free Cyanide
SMEWW 4500 - F ⁻ B, C	Fluoride. Preliminary. Distillation Step. Ion-Selective Electrode Method
SMEWW 4500 H ⁺ B	pH Value. Electrometric Method
SMEWW 4500 - Norg C	Nitrogen (Organic). Semi Micro- Kjeldahl Method
SMEWW 4500- NH ₃ D	Ammonia-Selective Electrode method Ammonia
SMEWW 4500 - NO ₂ ⁻ B	Nitrogen (Nitrite). Colorimetric Method
SMEWW 4500 - NO ₃ ⁻ B	Nitrogen (Nitrate). Ultraviolet Spectrophotometric Screening Method.
SMEWW 4500- NO ₃ ⁻ D	Nitrogen (Nitrate). Nitrate Electrode Method
SMEWW 4500 P- B, E	Phosphorus. Sample Preparation. Ascorbic Acid Method
SMEWW 4500-P E	Phosphorus. Ascorbic Acid Method. Phosphorus as Phosphates
SMEWW 4500-S ²⁻ D	Sulfide. Methylene Blue Method.
SMEWW 4500-S ²⁻ G, H	Sulfide. Ion-Selective Electrode Method. Calculation of Un-Ionized



SCOPE OF ACCREDITATION

	Hydrogen Sulfide
SMEWW 4500-SiO ₂ D	Silica. Heteropoly Blue Method.
SMEWW 4500-SO ₄ ²⁻ E	Sulfate. Turbidimetric Methods
SMEWW 5210 B	Biochemical Oxygen Demand (BOD). 5- Day BOD Test
SMEWW 5220 D	Chemical Oxygen Demand (COD). Closet reflux, Colorimetric Method
SMEWW 5530 B, C	Phenols. Cleanup Procedure. Chloroform Extraction Method
SMEWW 5540 C	Surfactants. Anionic Surfactants as MBAS
UNE EN ISO 17852	Water quality - Determination of mercury - Method using atomic fluorescence spectrometry. Mercury (Hg)
ENVIRONMENTAL - INORGANICS + SAMPLING	
Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water	
EPA 360.1	Determination 'in Situ' Dissolved Oxygen / Oxygen, Dissolved (Membrane Electrode) Oxygen Dissolved' in situ'
PPI-206	Chlorine Determination: Free Residual, Total Based on SMEWW 4500 Cl G "In Situ" Free Residual Chlorine, "In Situ" Total Chlorine
SMEWW 2510 B	Determination 'in situ' of Conductivity Electric / Conductivity Laboratory Method Conductivity 'in Situ'
SMEWW 2550 B	Determination 'In Situ' of Temperature in Waters / Temperature. Laboratory and Field Methods Temperature 'in Situ'
SMEWW 4500 H ⁺ B	In Situ Determination of pH / pH Value. Electrometric Method pH 'in Situ'
Air	
ASTM D1607 - 91 (2011)	Standard Test Method for Nitrogen Dioxide Content of the Atmosphere (Griess- Saltzman Reaction). NO ₂ (gaseous)
EPA 40 CFR - Chapter I - Title 40 - Appendix A-2 to Part 50.	Reference Method for the Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline Method). SO ₂ (gaseous)
EPA - Compendium Method IO - 3.4	Determination of Metals in Ambient Particulate Matter Using Inductively Coupled Plasma Spectroscopy (ICP- OES) Metals: 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
NTP 900.030	Air quality. Reference Method for the Determination of



SCOPE OF ACCREDITATION

	Respirable Particulate Matter as PM10 in the Atmosphere PM10 High Volume
PP-209	Determination of Breathable Particulate Matter as PM2.5 in the Atmosphere PM 2.5 High Volume
PPI-502 / PP-201	Ozone Sampling (O3) in the Atmosphere through Capture Solutions / Determination of Ozone (O3) in Atmosphere O3 (gaseous)
PPI-503 / PP-203	Sampling of Hydrogen Sulfide (H2S) in the Atmosphere through Capture Solutions / Determination of Hydrogen Sulfide (H2S) In Atmosphere. H ₂ S (gaseous)
PPI-504 / PP-202	Sampling of Carbon Monoxide (CO) in the Atmosphere through Capture Solutions / Carbon Monoxide (CO) in Atmosphere CO (gaseous)
PPI-512/ PP-233	Sampling of Total Gaseous Mercury in Atmosphere Based on Mercury.Method: 6009, Issue 2 /Total Gaseous Mercury in Atmosphere Based on Mercury.Method: 6009, Issue 2 Total Hg (gaseous)
Stationary Emission Source	
EPA Method 5	Determination of Particulate Matter Emissions from Stationary Sources (only laboratory process) Particulate Matter
EPA Method 6	Determination of Sulfur Dioxide Emissions from Stationary Sources (only laboratory process) Sulfur Dioxide (SO ₂)
EPA method 16A	Stationary emission source: Determination of total reduced sulfur (TRS) emissions from stationary sources - impinger technique (Only laboratory Process)
PP-234	Metals in Fixed Sources by ICP-OES Spectroscopy based on EPA Method 29 Ag, As, Be, Cd, Co, Cr, Cu, Mn, Ni, P, Pb, Sb, Se, Tl, Zn (Only laboratory Process)
PPI-506	Determination of O ₂ , CO, CO ₂ , SO ₂ , NO and NO ₂ concentration by an automatic analyzer based on EPA CTM 022/ EPA CTM 030. O ₂ , CO, CO ₂ , SO ₂ , NO, NO ₂ and NOX
ENVIRONMENTAL - MICROBIOLOGY	
Natural Water, Drinking Water, Saline Water, Process Water and Wastes Water	
PE-403	Fecal Coliform Count in Waters (Membrane Filtration).
PP-301	Determination of Helminthes And Protozoan Parasites Based on Modified Bailenger's Method.



SCOPE OF ACCREDITATION

	Helminth and Protozoa parasites Giardia Helminth eggs parasites
SMEWW 9215 B	Heterotrophic Plate Count. Pour Plate Count Method. Heterotrophic Plate Count (UFC)
SMEWW 9221 B. 2,3,4,5a (1,3,4), 5b	Multiple -Tube Fermentation Technique for Members of the Coliform Group. Standard Total Coliform Fermentation Technique. Total Coliform - MPN (NMP)
SMEWW 9221 E.1	Multiple -Tube Fermentation Technique for Members of the Coliform Group. Thermotolerant (Fecal) Coliform Procedure Fecal coliform – MPN (NMP)
SMEWW 9221 F.1	Multiple -Tube Fermentation Technique for Members of the Coliform Group. Escherichia Coli Procedure Using Fluorogenic Substrate. Escherichia Coli – MPN (NMP)
SMEWW 9230 B	Fecal Enterococcus / Streptococcus Groups. Multiple Tube Technique Fecal Enterococcus – MPN (NMP)
SMEWW 9260 B,2.d, 4.a,c,6.c,e,7,8	Detection of Pathogenic Bacteria. Salmonella <i>Salmonella</i> spp
SMEWW 9260 H,2.d,3.d.1, 6.b,7	Detection of Pathogenic Bacteria. Vibrio. (Excepto uso antisuero O139). <i>Vibrio cholerae</i>
SMEWW 10200 G	Plankton. Zooplankton Counting Techniques. Zooplankton Counting
SMEWW 10200 G, SMEWW 10200 F, SMEWW 10750 B	Free Living Organisms (OVL) Zooplankton Counting + Phytoplankton Counting + Collection and Processing Tecniques for Nematodes
SMEWW 10200 F.2. (a,b,c1)	Plankton. Phytoplankton Counting Techniques. Phytoplankton Counting
SMEWW 10300 C.1, C.2	Periphyton. Sample Analysis. Periphyton
SMEWW 10500 C.2	Benthic Macroinvertebrates. Sampling Processing and Analysis
SMEWW 10600 D.1	Fishes. Analysis of Collections.
SMEWW 10900	Identification of aquatic organisms



SCOPE OF ACCREDITATION

	Zooplankton Phytoplankton
UNE-EN ISO 9308-1	Water quality - Enumeration of <i>Escherichia coli</i> and coliform bacteria - Part 1: Membrane filtration method for waters with low bacterial background flora Escherichia coli and Coliform Bacteria
Natural Waters, Drinking Waters	
ISO 9308-2.	Water quality - Enumeration of <i>Escherichia coli</i> and coliform bacteria -- Part 2: Most probable number method. Total coliform and <i>Escherichia coli</i> (Colilert 18- NMP/100mL)
PP-317	Determination of Fecal Coliforms (Colilert-18) Based on SMEWW 9223 B. Fecal coliform (Colilert 18- NMP/100mL)
SMEWW 9224 B	Detection of Coliphages. Somatic Coliphage Assay
Natural Water and Wastes Water	
UNE-EN-ISO 19250.8.1, 8.2.2, 8.3, 8.4, 8.5, 9.	Water quality - Detection of <i>Salmonella</i> spp.
Swabbing of living and inert surfaces	
AOAC 991.14 Chapter 17, No 461-2007 MINSAs 8.2 and 8.4, ISO 18593 section 9.2.2 and 9.23	Total coliform and <i>Escherichia coli</i> Count
FDA BAM Ch 18, B.1, No 461-2007 MINSAs 8.2 and 8.4, ISO 18593 section 9.2.2 and 9.23	Enumeration of Yeast and Mold
ISO 6579, No 461-2007 MINSAs 8.2 and 8.4, ISO 18593 section 9.2.2 and 9.23	Detection of <i>Salmonella</i> spp
ISO 6888-1, No 461-2007 MINSAs 8.2 and 8.4, ISO 18593 section 9.2.2 and 9.23	Coagulase Positive: <i>Staphylococci</i> Count
ISO 11290-1, No 461-2007 MINSAs 8.2 and 8.4, ISO 18593 section 9.2.2 and 9.23	Detection of <i>Listeria Monocytogenes</i>
ISO 16649-2, No 461-2007 MINSAs 8.2 and 8.4, ISO 18593 section 9.2.2 and 9.23	<i>Escherichia coli</i> Count
UNE-EN ISO 4833-1, No 461-2007 MINSAs 8.2 and 8.4, ISO 18593 section 9.2.2 and 9.23	Colony Count at 30°C (UFC/superficies)
ENVIRONMENTAL - INORGANICS	
Soil and Sediments	
EPA Method 200.7	Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-atomic Emission Spectrometry.



SCOPE OF ACCREDITATION

	<p>Elements: 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.</p> <p>S (Validated)</p>
EPA Method 200.8	<p>Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma- Mass Spectrometry (ICP-MS).</p> <p>Elements: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, Se, Th, Tl, U, V, Zn.</p> <p>Add Elements: B, Ca, Ce, Fe, K, Li, Mg, Na, P, Sn, Sr, Ti, W - (Validated)</p>
EPA Method 9013 A / SM 4500-CN, F	<p>Cyanide Extraction Procedure for Solids and Oils / Cyanide-Ion Selective Electrode Method.</p> <p>Cyanide Free</p>
PE-980	<p>Moisture Determination.</p> <p>Moisture Content</p>
PEC-001	<p>Determination of pH</p> <p>pH (1:1)</p>
PEC-002	<p>Determination of Electrical Conductivity</p> <p>Conductivity (1:1)</p>
PP-208	<p>Determination of Mercury by Atomic Fluorescence.</p> <p>Mercury</p>
Soil, Sediments and Sludges	
EPA 6010 / EPA 3050	<p>Inductively Coupled Plasma- Atomic Emission Spectrometry/Acid Digestion of Sediments, Sludges, and Soils.</p> <p>Total: Ag, Al, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Tl, V, Zn.</p> <p>Add Elements: As, B, Hg, Li, P, Se, SiO₂, Sn, Sr, Ti (validated)</p>
EPA 6020 / EPA 3050	<p>Inductively Coupled Plasma- Mass Spectrometry/ Acid Digestion of Sediments, Sludges, and Soils.</p> <p>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).</p> <p>Total: As, Be, Cd, Co, Cr, Fe, Pb, Se, Tl</p>
EPA 9013 A / PP-220	<p>Cyanide extraction Procedure for Solids and Oils / Free and Total Cyanides in Waters by a Segmented Flow Analyzer</p> <p>Total Cyanide</p>
PE-4039	<p>Granulometric Analysis</p>
PP-205	<p>Determination of Chrome Hexavalent in soils, sludge and sediments. Digestion based on DIN EN 15192.</p>



SCOPE OF ACCREDITATION

	Chromium VI
FOOD-ORGANIC-PESTICIDES	
Fruits, Vegetables, Nuts, Cereal & Dried Fruit, Oils/Fatty Matrices	
PE-674	<p>Determination of Pesticide Residues by chromatography GC / MS-MS and LC / MS-MS</p> <p>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, Dicolfol, 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), Metidación, Metoxicloro, Metribuzina, Mevinfos, Miclobutanil, Mirex, Molinato, Napropamida, Nuarimol, Ofurace, Oxadixilo, Oxifluorfen, pp-DDE, pp- DDT, Paration Etil, 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, Transflutrin, Triadimenol (SP), Triazofos, Trifluralina, Vinclozolina (SP), 2,4-DDD, 2,4-DDE, 4,4Diclorobenzofenona, 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 (SUM), DDT (SUM), Disulfutón (SUM), Endosulfan (SUM), Folpet (SUM), Quintoceno (SUM), Paration Metil (SUM), Clordano, Triadimefon y Triadimenol. Abamectina, Acetamiprid, Aldicarb, Aldicarb</p>



SCOPE OF ACCREDITATION

PE-674 (continued)	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), Metolaclo, Metolcarb, Metomilo (SP), Metoxifenoxida, Metoxuron, Metrafenona, Monocrotófos, Monolinurón, Nitenpiram, Novalurón, Ometoato, Oxadiargilo, Oxadiazón, Oxamilo, Oxicarboxina, Paclobutrazol, Pencicurón, Picoxistrobina, Piraclostrobin, 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, Butacloro, 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, Etiofencarb sulfóxido, Ethirimol, Etoxiquina, Fenbutatín Óxido, Fenobucarb, Fenpirazamina, Fipronil (SP), Flazasulfuron, Fluacinam, Flubendiamida, Flumioxazina, Formetanato, Fosmet (SP), Haloxyfop-2- Ethoxyetil, Indaziflam, Metamidofos, Metiocarb sulfona, Metiocarb sulfóxido, Orizalin, Pentiopirad, Pimetrocina, Piridato, Promecarb, Rimsulfuron, Saflufenacil, Sulfoxaflor, Terbufos sulfona, Terbufos sulfóxido, Tiobencarb, Tiociclam, Toliifluanida (SP), Triclorfon, Triciclazol, Triforina, Aldicarb (SUM), Dimetoato (SUM), Metiocarb (SUM), Forato (SUM), Oxidemetón-metilo (SUM), Carbofuran (SUM), Metomilo
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SCOPE OF ACCREDITATION

	(SUM), Thiametoxan (SUM)
Cereal, Nuts, Dried fruits/Fruits, Vegetables	
PP-225	Determination of Micotoxins by Liquid Chromatography LC /MS-MS Aflatoxins y Ochratoxins
Fatty Matrices and Fruits and Vegetables	
PEC-032	Determination of Dithiocarbomates through Spectrophotometric ultraviolet visible spectrophotometry. Dithiocarbamates (as CS2)
Fruits and Vegetables	
PE-652	Ethephon Residues in Fruits and Vegetables by LC/MS-MS. Ethephon
FOOD-ORGANIC	
Fruit and Vegetables High Water and Low Fat	
PE-655	Determining Quaternary Ammonium Compounds by Chromatography. Quaternary Ammonium
Fish & Hydrobiological	
PE-516	Determination of Residues of Hystamine by LC- MS/MS Chromatography. Hystamine
FOOD-INORGANIC	
Fruits and vegetables /Fish and Hydrobiological	
PC- 230	Determination of base metal by ICP/OES Multi Element Analysis (Hg, As, Cr, Cd, Sn, Pb, Cu, Ni, V, Fe, Zn, Mn)
Meats, fish and seafood, fruits, vegetables, and fruit juice, milk and milk, derivatives, oil, cereals and flour.	
PE-324	Determination of Total elements in food by spectroscopy ICP-MS. Total: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Sb, Se, B, Fe, Li, Sn, Sr, Ti, V, Zn
FOOD-MICROBIOLOGY	
Food	
AOAC991.14	Total Coliform
FDA BAM Ch 18, B.1,	Enumeration of Yeast and Mold – Dilution Plating Technique. Spread-plate Method
ISO 6579	Detection of Salmonella spp. Horizontal Method for the Detection of Salmonella spp. 37°C
ISO 6888-1/A1	Coagulase Positive Staphylococci. Technique using Baird-Parker Agar Medium.37°C
ISO 7932	Bacillus cereus presumptive
ISO16649-2	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



SCOPE OF ACCREDITATION

	C using 5- bromo-4- chloro-3indolyl beta-D- glucuronide
UNE-EN ISO 4833-1, Part 5.2.2.1	Colony Count Techniques at 30°C, Horizontal Method for the Enumerations of Microorganisms
UNE-EN ISO 11290-1/A1	Detection and Enumeration of Listeria Monocytogenes. Part 1: Detection Method
AGRONOMIC - INORGANIC	
Foliage	
PE-102 / PEC-009	Determination of Metals by ICP- OES Total: B, Ca, Cu, Mg, Mn, K, Na, Zn, P, Fe
PE-130 / PEC-034	Determination of Dumas Nitrogen. Total Nitrogen
PE-2130	Metals in Foliage by Spectrophotometry ICP-OES Total: B, Ca, Cu, Mg, Mn, K, Na, Zn, P, Fe y Mo.
MINING – GEOCHEM	
Samples Minerals	
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). Aqua Regia Digestion: 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-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: 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
Rock, Rock Chip, Drill Core, Soil, Sediment, Sample Pulp, samples Minerals	
PE-4004	Elemental sulfur. Method of Discontinuous Extraction with Carbon Sulfide. Elemental S
PE-4005	Total Sulfate in Minerals and Lixivated Solutions Total, Sulphate
PE-4006	Metals in Minerals by Plasma Emission Spectrophotometry (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 4 Acid 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- 4007 / PE-4008	Sample Preparation Fire Test / Determinacion of Au and Ag By Spectrophotometry of Atomic



SCOPE OF ACCREDITATION

	Absorption Gold and Silver
PE-4009	Cooper in Bullons. Volumetric Methods Copper
PE-4010	Zinc in Bullons. Volumetric Methods Zinc
PE-4011	Lead in Bullons. Volumetric Methods Lead
PE-4012	Iron in Bullons. Volumetric Method Iron
PE-4016	Sulfur by Calculation Total Sulphide
PE-4017	Drying, Crushing, Pulverized, Sieve. Sample Preparations
PE 4026	Determination of Metals by Atomic Absorption Spectrophotometry. Cu, Pb, Fe, Zn, Ag
PE 4030	Soluble Copper in Sulfuric Acid by Atomic Absorption Copper - H ₂ SO ₄ soluble
PE-4401	Toxicity Characteristic Leaching Procedure (TCLP). EPA Method 1311. 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-4402	Neutralization Potential (NP). Method of Sobek Neutralization Potential
PE-4403	Neutralization potential (NP). Modification Lawrence & Wang Lawrence Neutralization Potential
PE 4406	Leinz Sequential Extraction for Separation of Metals In Samples Solid. Metal present in water soluble Interchangeable ions Metal associated with carbonates. 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



SCOPE OF ACCREDITATION

PE-4407	European Ratio Pronor Potential of Neutralization. Maximum Potential Acidity (MPA) Net Neutralizing Potential (NNP)
PE-4408	Elemental Analyzers Total S
PE-4409	Fizz Rating
PE-4412	Leaching in pH 4,2 of Inorganic Compost (SPLP) 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-4413	Net Generation of Acid (NAG) pH
PE-4414	Shake Flask Test, Solubility Testing (SFT) 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-4416	pH paste (paste method)
Rock, drill core, Sample Pulp, Sample minerals	
PE 4029	Specific Gravity in Minerals Specific Gravity
PP-206	Determination of Silicon by fusion with Sodium Peroxide Alkaline fusion with sodium peroxide (silicon)