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# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **AGQ CHILE S.A.**

LOS INDUSTRIALES 697, HUECHURABA,  
SANTIAGO DE CHILE, 8590829, REPUBLIC OF CHILE

### **Testing Laboratory TL-513**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date September 4, 2020

Expiry Date May 1, 2021



A handwritten signature in black ink, reading "Raj Nathan".

**President**

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# SCOPE OF ACCREDITATION

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## AGQ CHILE S.A.

[www.agqlabs.cl](http://www.agqlabs.cl)

**Contact Name** Jesus Martinez

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*Accredited to ISO/IEC 17025:2017*

*Effective Date September 4, 2020*

Food - Organic	
PC-226 (Rev. 5)	<b>Determination of mycotoxins by LC/MS-MS in Food</b> Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Zearalenone, Ochratoxine A
PC-227 (Rev. 8)	<b>Determination of residues of nitrofurantol metabolites by LC-MS / MS chromatography in Fish with high and low-fat content; Crustaceans</b> 3-Amino-2-oxazolidinone (AOZ), 1-Aminohydantoin hydrochloride (AHD), 3-Amino-5-morpholinomethyl-2-oxazolidinone (AMOZ), Semicarbazide hydrochloride (SEM)
PC-228 (Rev. 19)	<b>Determination of Antibiotic Residues in Hydrobiological Products by LC-MS / MS Chromatography. Based on: Guidance Document on Analytical Quality Control and Validation Procedures for Pesticide Residues Analysis in Food and Feed, European Commission, N° SANCO/12571/2013. Methods of analyzing pharmaceutical and contaminant residues for export fishery products in Salmon Muscle (Skin and Muscle)</b> Flumequine, Oxolinic acid, Emamectin benzoate, Florfenicol, Diflubenzuron, Azametifos, Teflubenzuron
PC-233 (Rev. 5)	<b>Determination of fatty acid content in oil by GC/FID in Oils; Fats</b> C14:0 Myristic; C16:0 Palmitic; C16:1 Palmitoleic; C17:0 Margaric; C17:1 Margaroleico; C18:0 Stearic; C18:1 Oleic; C18:1 Oleic Etil; C18:1 Trans Oleic; C18:2 Linoleic; C18:2t Linoleic tt; C18:2 Linoleic ct; C18:2 Linoleic tc; C18:3 Linoleic; C18:3t Linolenic cct; C18:3t Linolenic ctc; C18:3t Linolenic tcc; C18:3T Linolenic tct; C20:0 Arachidic; C20:1 Gadoleic; ; C22:0 Behenic; C24:0 Lignoceric
PC-236 (Rev. 2)	<b>Determination of sterols in oil by GC/FID in Oils; Fats</b> $\delta$ -5 Avenasterol; 24-Metilencolesterol; Brassicasterol; B-sitosterol; Campesterol; Campestanol; $\delta$ -7-campesterol; Clerosterol; Cholesterol; Stigmasterol; $\delta$ -5,23-estigmastadienol; $\delta$ -5,24-estigmastadienol; Sitostanol
PC-242 (Rev. 5)	<b>Determination of sterols, erythrodiol and uvaol in oils by GC/FID in Oils; Fats</b> Eritrodiol and Uvaol
PC-266 (Rev. 13)	<b>Determination of colorants in flour by LC/MS-MS in Flours of livestock and avian origin Pellet</b> Crystal Violet, Leuco Crystal Violet, Malachite Green, Leuco Green Malachite, Bright Green

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PC-299 (Rev. 4)	<b>Determination of residues of ochratoxin A by LC/MS-MS in Wine</b> Ochratoxin A
PC-300 (Rev. 3)	<b>Determination of residues of natamycin by LC-MS/MS in Wine</b> Natamycin
PC-301 (Rev. 3)	<b>Residues of histamine by LC/MS-MS in Wine</b> Histamine
PC-305 (Rev. 8)	<b>Determination of antibiotic and tetracyclines residue by LC-MS-MS in in Finished livestock, avian products, flours of livestock and avian origin Pellet</b> Abamectin, oxolinic acid, Ciprofloxacin, Chloramphenicol, Diflubenzuron, Emamectin Benzoate, Enrofloxacin, Erythromycin A, Spiramycin, Florfenicol, Flumequine, Ivermectin, Sarafloxacin, Trimethoprim, Teflubenzuron, Tylosin, Lufenuron, Hexaflumuron and Azamethic, Amoxicillin, Chlortetracycline, Oxytetracycline, Tetracycline, Penicillin G and Doxycycline
PC-319 (Rev. 4)	<b>Determination of nitrofurans residue by LC/MS-MS in Flours of livestock and avian origin</b> 1-Aminohydantoin (AHD), 3-Amino-5-morpholinomethyl-2-oxazolidinone (AMOZ), 3-Amino-2-oxazolidinone (AOZ), Semicarbazide (SEM)
PC-339 (Rev. 13)	<b>Residues of Tetracyclines and Penicillins in Hydrobiological Products by LC-MS / MS Chromatography based on Guidance Document on Analytical Quality Control and Validation Procedures for Pesticide Residues Analysis in Food and Feed, European Commission, N°SANCO /12571 /2013. Methods of analyzing pharmaceutical and contaminant residues for export fishery products in Salmon Muscle (Skin and Muscle)</b> Oxytetracycline, Tetracycline, Chlortetracycline, 4-epi-Oxytetracycline, 4-epi-Tetracycline, 4-epi-Chlortetracycline
PC-341 (Rev. 6)	<b>Determination of sulfonamides residue by LC/MS-MS in Finished livestock and avian products</b> Sulfamethazine, Sulfamethoxine, Sulfadimethoxine, Sulfadimetoxin, Sulfaquinoxaline, Sulphloropyridazine, Sulfamethoxazole, Sulfamethoxypyridazine, Sulfadoxine
PC-358 (Rev. 4)	<b>Determination of methanol by GC-FID in Wine</b> Methanol
PC-368 (Rev.6)	<b>Dithiocarbamates using GC-MS/MS IT in High water content (Fruits and vegetables); High water content and acid (Fruits); Aromatic herbs and leaves (Vegetables); High content of starch and/or protein and low water content and fat (Cereals and vegetables); High in sugar and low in water (Dried fruits); High oil and low water content (Dry fruits and Oilseeds); High oil and half water content (Fruits); Wine; Snuff Cured; Natural juices with no added sugar</b> Dithiocarbamates

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<p>PE-659 (Rev. 3)</p>	<p><b>Coccidiostats by LC/MS-MS in Finished livestock, avian products, flours of livestock and avian origin</b></p> <p>Decoquinate, Diclazuril, Halofuginone, Robenedine, Nazarine, Nicarbazine, Lasalocid A, Maduramicin, Monensin, Salinomycin</p>
<p>PE-664 (Rev. 4)</p>	<p><b>Residues of post-harvest pesticides by chromatography LC/MS-MS in High water content (Fruits and vegetables); High water content and acid (Fruits); Aromatic herbs and leaves (Vegetables); High content of starch and/or protein and low water content and fat (Cereals and vegetables); High in sugar and low in water (Dried fruits); High oil and low water content (Dry fruits and Oilseeds); High oil and half water content (Fruits);Oils; Wine; Snuff Cured; Natural juices with no added sugar</b></p> <p>2,4-D, Azoxystrobin, Diphenylamine, Fenhexamide, Fludioxonil, Iprodione, Imazalil, Pyrimethanil, Prochloraz, Tebuconazole, Thiabendazole</p>
<p>PE-674 (Rev. 12)</p>	<p><b>Determination of pesticide residues by GC/MS-MS and LC/MS-MS in High water content (Fruits and vegetables); High water content and acid (Fruits); Aromatic herbs and leaves (Vegetables); High content of starch and/or protein and low water content and fat (Cereals and vegetables); High in sugar and low in water (Dried fruits); High oil and low water content (Dry fruits and Oilseeds); High oil and half water content (Fruits);Oils; Wine; Snuff Cured; Natural juices with no added sugar.</b></p> <p>2,4,6-Tricloroanisol, 2,4,6-Triclorofenol, 2,4-D, 2-Fenilfenol, Abamectina, Acefato, Acequinocyl, Acetocloro, Acetamiprid, Acibenzolar- S-metilo, Aclonifen, Acrinatrina, Alacloro, Aldicarb (Suma), Aldicarb, Aldicarb Sulfona, Aldicarb Sulfoxido, Aldrín, Alfa-HCH, Ametoctradin, Ametrina, Aminocarb, Antraquinona, Atrazina, Atrazina Desetil, Atrazina Desisopropil, Azaconazol, Azadiractina, Azametifos, Azimsulfurón, Azinfos Etil, Azinfos Metil, Azoxistrobina, BAC (Suma), BAC n-c08, BAC n-c10, BAC n-c12, BAC n-c14, BAC n-c16, BAC n-c18, Beflubutamida, Benalaxil, Bendiocarb, Benfluralina, Benomilo-Carbendazima, Bentazona, Bentazona Metil, Bentiavalicarb Isopropil, Beta-HCH, Bifenazato, Bifenilo, Bifenox, Bifentrina, Bioaletrina, Bitertanol, Bixafen, Boscalida, Bromacilo, Bromociclen, Bromofos Etil, Bromofos Metil, Bromopropilato, Bromoxinil, Bromuconazol, Bupirimato, Buprofezin, Butacloro, Butoxicarboxim, Butoxicarboxim Sulfoxide, Butralina, Buturon, Cadusafos, Captafol, Captan (Suma), Captan, Carbaril, Carbetamida, Carbofenotion, Carbofuran, Carbofuran-3-Hidroxi, Carboxim, Carfentrazona Etil, Cianazina, Ciazofamida, Ciclanilida, Cicloato, Cicloxidim, Cienopirafen, Ciflufenamida, Ciflumetofeno, Ciflutrin, Cihalofop Butil, Cihexatina+Azociclotin, Cimoxanilo, Cinidon Etil, Cipermetrina, Ciproconazol, Ciprodinil, Ciromazina, Cletodim, Cletodim Sulfona, Cletodim Sulfoxido, Clofentezina, Clomazona, Clorantraniliprole, Clorbenzilato + Clorpropilato, Clorbromuron, Clordano (Suma), Clordano Cis, Clordano Trans, Clorfenapir, Clorfenson, Clorfenvinfós, Clorfluazuron, Cloridazon (Suma), Cloridazon, Cloridazon Desfenil, Clormefos, Clorotalonil, Clorotion, Clorpirifos, Clorpirifos Metil, Clorprofam, Clorsulfuron, Clortal Dimetil, Clortiofos, Clortoluron, Clorxuron, Clotianidin, Clozolinato, Coumafos, Crimidina, Cyantraniliprole, Cyhalotrin-L, DDAC (Suma), DDAC n-c08, DDAC n-c10, DDAC n-c12, DDAC n-c14, DDD-pp + DDT-op, DEET, Delta-HCH, Deltametrina, Demeton S, Demeton-S Sulfoxido, Demeton-S-Metil, Demeton-S-Metil Sulfona, Desmedifam, Desmetrina, Diafenturion, Dialifos, Diazinón, Diclobenilo, Diclobutrazol, Diclofention,</p>



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PE-674 (Rev. 12)  
(cont'd)

Diclofluanida, Diclofop, Diclofop Metil, Diclofop Metil (Suma), Diclorán, Diclormid, Diclorprop, Diclorvos, Dicofol (Suma), Dicofol o,p, Dicofol p,p', Dicrotofós, Dieldrin (Suma), Dieldrin, Dietofencarb, Difenilamina, Difenoconazol, Diflubenzuron, Diflufenicán, Dimefox, Dimefuron, Dimetacloro, Dimetenamida-P, Dimetoato, Dimetomorf, Dimoxistrobin, Diniconazol, Dinobuton, Dinotefuram, Disulfuton (Suma), Disulfuton, Disulfuton Sulfona, Disulfuton Sulfoxido, Ditalimfos, Diuron, DMST, DNOC, Dodemorf, Dodina, Edifenphos, Emamectina, Endosulfan (Suma), Endosulfan Alfa, Endosulfan Beta, Endosulfan Sulfato, Endrin, EPN, Epoxiconazol, Epsilon-HCH, EPTC, Espinetoram, Espinosad, Espirodiclofeno, Espiromesifeno, Espirotetramat (Suma), Espirotetramat, Espirotetramat-Cis-Enol, Espirotetramat-Cis-Ketohidroxi, Espirotetramat-Enol-Glucoside, Espirotetramat-Mono-Hidroxi, Espiroxamina, Etaboxam, Etalfluralin, Ethirimol, Etiofencarb, Etiofencarb Sulfona, Etiofencarb Sulfoxido, Etion, Etiprol, Etofenprox, Etofumesato (Suma), Etofumesato, Etofumesato 2-ceto, Etoprofos, Etoxazol, Etoxiquina, Etridiazole, Etrimfos, Famoxadona, Fenamidona, Fenamifos (Suma), Fenamifos, Fenamifos Sulfona, Fenamifos Sulfoxido, Fenarimol, Fenazaquina, Fenbuconazol, Fenbutatín Óxido, Fenclorfos (Suma), Fenclorfos, Fenclorfos Oxon, Fenhexamida, Fenitrotión, Fenmedifan, Fenobucarb, Fenoxicarb, Fencpiclonil, Fempirazamina, Fempiroximato, Fenpropatrin, Fenpropidin, Fenpropimorfo, Fenson, Fensulfotión, Fensulfotión Oxon, Fensulfotión Oxon Sulfona, Fensulfotión Sulfona, Fentina, Fention (Suma), Fention, Fention Oxon, Fention Oxon Sulfona, Fention Oxon Sulfoxido, Fention Sulfona, Fention Sulfoxido, Fentoato, Fenuron, Fenvalerato + Esfenvalerato, Fipronil (Suma), Fipronil, Fipronil Sulfide, Fipronil Sulfona, Flamprop, Flazasulfuron, Flonicamid (Suma), Flonicamid, Florasulam, Fluacinam, Fluazifop-Metil, Fluazifop-P, Fluazifop-P-butil, Flubendiamida, Flucitrinato, Fludioxonilo, Flufenacet (Suma), Flufenacet, Flufenacet ESA, Flufenacet OA, Flufenoxuron, Flumetralina, Flumioxazina, Fluometuron, Fluopicolide, Fluopiram, Fluotrimazol, Fluoxastrobin, Flupiradifuron, Fluquinconazol, Fluroxipir, Fluroxipir Meptil, Flurtamona, Flusilazol, Flutolanil, Flutriafol, Fluvalinato Tau, Fluxapiroxad, Folpet (Suma), Folpet, Fonofos, Foramsulfuron, Forato (Suma), Forato, Forato Oxon, Forato Oxon Sulfona, Forato Oxon Sulfoxido, Forato Sulfona, Forato Sulfoxido, Forclorfenuron, Formetanato, Formotion, Fosalón, Fosfamidón, Fosmet (Suma), Fosmet, Fosmet Oxon, Fostiazato, Foxim, Ftalamida (Folpet), Fuberidazol, Furalaxil, Halosulfuron Metil, Haloxifop-2-Ethoxyetil, Haloxifop-Metil, Haloxyfop-R, Heptacloro (Suma), Heptacloro, Heptacloro Epóxido A, Heptacloro Epóxido B, Heptenofos, Hexacloro-1,3-butadieno, Hexaclorobenceno, Hexaconazol, Hexaflumuron, Hexazinona, Hexitiazox, Hidroxiquinoleina-8, Imazalil, Imidacloprid, Indaziflam, Indoxacarb, Iodofenfos, Iodosulfuron Metil, Ioxinil, Iprobenfos, Iprodiona, Iprovalicarb, Isazofos, Isocarbofos, Isofenfos, Isofenfos Metil, Isopyrazam, Isoprocarb, Isoprotiolano, Isoproturón, Isoxabén, Isoxation, Ivermectina, Kresoxim Metil, Lenacilo, Lindano, Linurón, Lufenuron, Malaixon, Malation (Suma), Malation, Mandipropamid, Matriona, MCPA, Mecarbam, Mefenpir Dietil, Mepanipirim, Mepronilo, Meptildinocap, Mesosulfuron Metil, Metabenzthiazuron, Metacrifós, Metaflumizona, Metalaxil, Metamidofos, Metamitrona, Metazacloro, Metconazol, Metidatión, Metil Tiofanato, Metiocarb (Suma), Metiocarb, Metiocarb Sulfona, Metiocarb Sulfoxido, Metobromuron, Metolacloro, Metolcarb, Metomilo, Metoprotina, Metoxicloro, Metoxifenoxida, Metoxuron, Metrafenona, Metribuzina, Metsulfuron Metil, Mevinfos, Miclobutanil, Milbemectina (Suma), Milbemicina A3, Milbemicina A4, Mirex, Molinato, Monocrotofós, Monolinurón, Monuron, Napropamida, Neburon, Nicosulfuron, Nitenpiram, Nitrofen, Nitrotal Isopropil, Norflurazon, Novalurón, Nuarimol, o,p-DDD, o,p-DDE, Ofurace, Ometoato, Orizalin, Oxadiargilo, Oxadiazón, Oxadixilo,

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<p><b>PE-674 (Rev. 12) (cont'd)</b></p>	<p>Oxamilo, Oxasulfuron, Oxatiapiprolin, Oxicarboxina, Oxiclordano, Oxidemetón-metilo (Suma), Oxidemetón-metilo, Oxifluorfén, Oximatrina, p,p-DDE, p,p-DDT, Paclobutrazol, Paraoxon Etil, Paraoxon Metil, Paration Etil, Paration Metil, Paration Metil (Suma), Pencicurón, Penconazol, Pendimetalina, Pentacloroanilina, Pentacloroanisol, Pentaclorobenceno, Pentaclorobenzonitrilo, Pentopirad, Permetrina, Picolinafen, Picoxistrobina, Pidyflumetofen, Pimetrocina, Pinoxaden, Piperonil Butoxido, Piracarbolid, Piraclostrobin, Piraflufeno, Piraflufeno-etilo, Piraflufeno-etilo (Suma), Pirazofos, Piridabén, Piridafention, Piridalil, Piridato, Pirifenox, Pirimetanil, Pirimicarb, Pirimicarb Desmetil, Pirimicarb Desmetil Formamida, Pirimifos Etil, Pirimifos Metil, Piriproxifén, Procimidona, Procloraz (Suma), Procloraz, Profam, Profenofós, Profluralin, Promecarb, Prometrina, Propaclor, Propaclor Ac Oxalamico, Propamocarb, Propanil, Propaquizafop, Propargita, Propazina, Propetamphos, Propiconazol, Propizamida, Propoxur, Proquinazid, Prosulfocarb, Prosulfuron, Protioconazol, Protiofos, Quinalfós, Quinclorac, Quinometionato, Quinoxifen, Quintoceno (Suma), Quintoceno, Quizalofop-Ethyl, Rimsulfuron, Rotenona, Saflufenacil, Sebutilazina, Setoxidim (Suma), Setoxidim, Siltiofam, Simazina, Sulcotriona, Sulfosulfuron, Sulfotep, Sulfoxaflor, Sulprofos, Tebuconazol, Tebufenocida, Tebufenpirad, Tecnaceno, Teflubenzurón, Teflutrina, Tepraloxidim, Terbacil, Terbufos, Terbufos Sulfona, Terbufos Sulfóxido, Terbumeton, Terbutilazina, Terbutilazina Desetil, Terbutrin, Tetraclorvinfos, Tetraconazol, Tetradifón, Tetrahidroftalamida (Captan), Tetrametrina, Tetrasul, TFNA, TFNG, Thiametoxam, Tiabendazol, Tiacloprid, Tiazuron, Tifensulfuron Metil, Tiobencarb, Tiociclam, Tiodicarb, Tiofanox, Tiofanox Sulfona, Tiofanox Sulfoxido, Tiometon, Tolclofos Metil, Tolfenpirad, Tolilfluanida (Suma), Tolilfluanida, Transflutrin, Triadimefon, Triadimenol, Trialato, Triamifos, Triasulfuron, Triazofos, Triazoxida, Triciclazol, Triclopir, Triclorfon, Tricresil Fosfato, Tridemorfo, Trifloxystrobin, Triflumizol (Suma), Triflumizol, Triflumizol FM 6-1, Triflumurón, Trifluralina, Triforina, Triticonazol, Uniconazol, Vamidotion, Vinclozolina, Zoxamida</p>
<p><b>PE-690 (Rev. 4)</b></p>	<p><b>Perchlorate, chlorate, fosetyl and phosphonic acid in fruits and vegetables by LC/MS-MS in High water content (Fruits and vegetables); High water content and acid (Fruits); Aromatic herbs and leaves (Vegetables); High content of starch and/or protein and low water content and fat (Cereals and vegetables); High in sugar and low in water (Dried fruits); High oil and low water content (Dry fruits and Oilseeds); High oil and half water content (Fruits);Oils; Wine;Snuff Cured; Natural juices with no added sugar</b></p> <p>Perchlorate, Chlorate, Fosetyl-AL, Phosphoric Acid, Etefon, Sum of fosetyl-AL and Derivatives Sales</p>
<p><b>Food – Inorganic</b></p>	
<p><b>PC-230 (Rev. 13)</b></p>	<p><b>Determination of Heavy Metals using ICP in Wine and Food</b></p> <p>Arsenic, Calcium, Cadmium, Copper, Chromium, Iron, Magnesium, Sodium, Potassium, Lead, Tin, Zinc</p>
<p><b>PC-360 (Rev. 4)</b></p>	<p><b>Preparation and determination of heavy metals in Hydrobiological matrix. Based on: Regulation (European Community) No. 466 (2001) of the European Community Commission 08/03/2001. Etotoxicology and Environmental Safety 54 (2003). Microchemical Journal (Determination and comparison of heavy metals in selected seafood, water, vegetation and sediments by inductively coupled plasma – optical emission spectrometry from an industrialized and</b></p>

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	<p><b>pristine waterway in Southwest Louisiana in Salmon Muscle (Skin and Muscle) and Molluscs</b></p> <p>Arsenic, Cadmium, Copper, Chrome, Tin, Lead, Mercury, Zinc, Lithium, Beryllium, Aluminum, Titanium, Manganese, Nickel, Molybdenum, Silver Antimony, Barium, Vanadium, Iron, Selenium</p>
PE-324 (Rev 19)	<p><b>Determination of total elements in food by ICP-MS in Wine and Food</b></p> <p>Lithium, Beryllium, Boron, Aluminium, Titanium, Vanadium, Chromium, Manganese, Iron, Cobalt, Nickel, Copper, Arsenic, Selenium, Strontium, Molybdenum, Silver, Cadmium, Tin, Antimony, Barium, Mercury, Lead</p>
PICH-222 (Rev. 3)	<p><b>Sampling of Hydrobiological products. Based on: NCh43:1961, Selection of samples at random. Manual of Safety and Certification in Fish and Molluscs</b></p> <p>Sampling of hydrobiological products</p>
PICH-223 (Rev. 3)	<p><b>Fractionation of fish in terrain. Based on: NCh43:1961, Selection of samples at random. Manual of Safety and Certification in Fish</b></p> <p>Fractionation of fish in situ</p>
PICH-224 (Rev. 4)	<p><b>Sampling of Salmonids. Based on: NCh43:1961, Selection of samples at random. Manual of Safety and Certification in Salmon</b></p> <p>Sampling of Salmonids</p>
PC-372 (Rev. 3)	<p><b>Chemical speciation of arsenic by HPLC-ICP-MS (anion exchange) in Hydrobiological Products and Marine Biota</b></p> <p>Arsenic (As<sup>+3</sup>, As<sup>+5</sup>, Monomethyl Arsenate, Dimethyl Arsenic)</p>
PC-373 (Rev. 2)	<p><b>Chemical speciation of Mercury by HPLC-ICP-MS (Reverse phase C18) in Hydrobiological Products and Marine Biota</b></p> <p>Mercury (MeHg and Hg (II))</p>
<b>Vegetal material - Inorganic</b>	
PE-336 (Rev. 19)	<p><b>Ammonium, Ammonia nitrogen, Chloride, TON, Alkalinity and Urea using the automatic method of UV-Visible spectrophotometry in Leaves</b></p> <p>Chloride, Nitrate, Ammonium</p>
PEC-009 (Rev. 23)	<p><b>Determination of Ca, Mg, Na, K, Fe, Mn, Cu, Zn, Mo, S, P and B by ICP-OES in Leaves</b></p> <p>Boron, Calcium, Copper, Phosphorus, Iron, Magnesium, Manganese, Molybdenum, Potassium, Sodium, Zinc, Sulfur</p>
PEC-034 (Rev. 20)	<p><b>Determination of nitrogen in Leaves</b></p> <p>Nitrogen</p>
<b>Safety</b>	

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ASTM D3335-85A	<b>Low Concentrations of Lead in Paint in Toys; School supplies</b> Total Lead
EN 71-1	<b>Safety of toys - Part 1: Mechanical and physical properties in Toys</b> Mechanical and physical properties
EN 71-2	<b>Safety of toys - Part 2: Flammability in Toys</b> Flammability
EN 71-3	<b>Migration of certain elements in Toys</b> Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium (III), Chromium (VI), Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin, Organic Tin, Zinc
EN 14372:2004	<b>Child use and care articles in Toys; School supplies</b> Phthalates: Di(2-ethylhexil) ftalato (DEHP), Dibutilftalato (DBP), Butilbencilftalato (BBP), Diisonilftalato (DINP), Diisodecilftalato (DIDP), Di-n-octilftalato (DNOP)
NCh 3251/2:2011	<b>Determination of ignitability in Toys; School supplies</b> Ignitability Test
PC-331 (Rev. 4)	<b>Determination of toluene in toys and school supplies</b> Toluene
PC-332 (Rev. 5)	<b>Metals in toys and school supplies by ICP-OES/MS in Toys; School supplies</b> Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Antimony, Selenium
PC-355 (Rev. 2)	<b>Nitrosamines in PVC by LC-MS/MS based on EN 71-12:2013 N-Nitrosamines and N-Nitrosatable Substances in Toys and School supplies</b> N-nitrosodibenzylamine, N-nitrosodibutylamine, N-nitrosodiethanolamine, N-nitrosodiethylamine, N-nitrosodiisobutylamine, N-nitrosodiisononylamine, N-nitrosodiisopropylamine, N-nitrosodimethylamine, N-nitrosodipropylamine, N-nitrosomorpholine, N-nitrosopiperidine
PC-1039 (Rev. 1)	<b>Free Monomers in Materials and plastic objects destined to come into contact with food in final product and in migration</b> Styrene, Acrylonitrile, Vinyl Chloride
PC-1040 (Rev.1)	<b>Determination of Metals in Materials and Articles in Contact with Food in Materials and articles in contact with food (plastics, metals, cellulose)</b> Antimonio, Arsénico, Bario, Boro, Cobalto, Cobre, Estaño, Flúor, Hierro, Litio, Manganeso, Plata, Plomo, Zinc



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UNE 53942	<p><b>Plastics. Reusable plastics bags of polyethylene (PE) for the transport of products distributed by retail. Technical and environmental requirements and test methods. in Reusable poly bags</b></p> <p>Mechanical and physical properties</p>
<b>Environmental, Geochem, Mineral and Soil - Inorganic</b>	
PE-991 (Rev. 1)	<p><b>Determination of oxidation pH in Minerals; Soil</b></p> <p>Oxidation pH</p>
PE-4017 (Rev. 7)	<p><b>Preparation of mineral sample in Minerals; Soil</b></p> <p>Sample preparation</p>
PE-4402 (Rev. 2)	<p><b>Determination of neutralization potential (NP) in Minerals; Soil</b></p> <p>Neutralization Potential (NP)</p>
PE-4403 (Rev. 2)	<p><b>Neutralization potential modification LAWRENCE &amp; WANG in Minerals; Soil</b></p> <p>Neutralization Potential Modification LAWRENCE &amp; WANG</p>
PE-4409 (Rev. 1)	<p><b>Fizz Rating in Minerals; Soil</b></p> <p>Fizz Rating Test</p>
PE-4412 (Rev. 1)	<p><b>Leaching at pH 4.2 of inorganic compounds in solid samples in Geochem; Mining in Soils; Minerals</b></p> <p><b>Metals (Finished by PE-2107/PE-303):</b> Al, Sb, As, S, Ba, Be, B, Cd, Ca, Co, Cu, Cr, Sn, Sr, P, Fe, Li, Mg, Mn, Hg, Mo, Ni, Ag, Pb, K, Se, Na, Si, Tl, Ti, V, Zn, Bi, Sc, Ga, Te, Th, U, V, W</p> <p><b>Anions (Finished by PE-2090):</b> Chlorides, Fluorides, Nitrates, Nitrites, Sulphates</p> <p><b>Others:</b> Total Dissolved Solids (Finished by SMEWW 2540 C), Total nitrogen (Finished by IT-689), pH (Finished by SMEWW 4500 H+B)</p>
PE-4413 (Rev. 3)	<p><b>Net acid generation (NAG) in Minerals; Soil</b></p> <p>Net Acid Generation (NAG)</p>
PE-4413 (Rev. 3)	<p><b>Net acid generation (NAG) in Geochem; Mining in Soils; Minerals</b></p> <p><b>Metals (Finished by PE-2107/PE-303):</b> Al, Sb, As, S, Ba, Be, B, Cd, Ca, Co, Cu, Cr, Sn, Sr, P, Fe, Li, Mg, Mn, Hg, Mo, Ni, Ag, Pb, K, Se, Na, Si, Tl, Ti, V, Zn, Bi, Sc, Ga, Te, Th, U, V, W</p> <p><b>Anions (Finished by PE-2090):</b> Chlorides, Fluorides, Nitrates, Nitrites, Nitrites, Sulphates</p> <p><b>Others:</b> Total Dissolved Solids (Finished by SMEWW 2540 C), Total nitrogen (Finished by IT-689), pH (Finished by SMEWW 4500 H+B)</p>
PE-4414 (Rev. 2)	<p><b>Shake Flask Test, Solubility Testing in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES) in Geochem; Mining in Soils; Minerals</b></p>

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	<p><b>Metals (Finished by PE-2107/PE-303):</b> Al, Sb, As, S, Ba, Be, B, Cd, Ca, Co, Cu, Cr, Sn, Sr, P, Fe, Li, Mg, Mn, Hg, Mo, Ni, Ag, Pb, K, Se, Na, Si, Tl, Ti, V, Zn, Bi, Sc, Ga, Te, Th, U, V, W</p> <p><b>Anions (Finished by PE-2090):</b> Chlorides, Fluorides, Nitrates, Nitrites, Sulphates</p> <p><b>Others:</b> Total alkalinity and bicarbonate (CaCO<sub>3</sub>) (<b>Finished by IT-610</b>), Total Dissolved Solids (<b>Finished by SMEWW 2540 C</b>), WAD cyanide (<b>Finished by PC-366</b>), Total nitrogen (<b>Finished by IT-689</b>), pH (<b>Finished by SMEWW 4500 H+B</b>)</p>
PE 4416 (Rev. 3)	<p><b>Paste pH in Minerals; Soil</b></p> <p>Paste pH</p>
SMEWW 2580-A 23rd edition	<p><b>Oxidation – Reduction Potential (ORP) in Minerals; Soil</b></p> <p>Oxidation – Reduction Potential (ORP)</p>
<b>Environmental - Inorganic</b>	
ISO 696:1975	<p><b>Surface active agents -- Measurement of foaming power -- Modified Ross-Miles method in Surface water, Ground water, Sea water and Saline water</b></p> <p>Surface active agents</p>
IT-610 (Rev. 5)	<p><b>Determination of Alkalinity based on SMEWW 2320 B Alkalinity Titration Method (23rd edition) in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b></p> <p>Total Alkalinity, Carbonates, Bicarbonates</p>
IT-635 (Rev. 1)	<p><b>Ionic Chromatography based on EPA 300.1 Determination of inorganic anions by ion chromatography in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b></p> <p>Chlorides, fluorides, nitrates, nitrites y sulfates</p>
IT-689 (rev.1)	<p><b>Total Nitrogen in Surface water, Ground water, Sea water and Saline water</b></p> <p>Total Nitrogen</p>
ME-03-2007	<p><b>Determination of Turbidity by Nephelometric Method in Drinking water, Surface water, Ground water, and Clean Process water</b></p> <p>Turbidity</p>
ME-06-2007	<p><b>Determination of Fluoride by Specific Electrode Method. in Drinking water, Surface water, Ground water, and Clean Process water</b></p> <p>Fluoride</p>
ME-16-2007	<p><b>Determination of Nitrate by Specific Electrode Method in Drinking water, Surface water, Ground water, and Clean Process water</b></p> <p>Nitrogen-Nitrate</p>
ME-17-2007	<p><b>Determination of Nitrite by UV-VIS molecular absorption spectrophotometry method in Drinking water, Surface water, Ground water, and Clean Process water</b></p>

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	Nitrogen-Nitrite
ME-24-2007	<b>True Color Determination by Pt-Co Method in Drinking water, Surface water, Ground water, and Clean Process water</b>  True Color
ME-25-2013	<b>Odor Determination by Organoleptic Method in Drinking water, Surface water and Ground water</b>  Odor
ME-26-2013	<b>Taste Determination by Organoleptic Method in Drinking water, Surface water and Ground water</b>  Taste
ME-27-2007	<b>Determination of Ammonia by Specific Electrode Method in Drinking water, Surface water, Ground water, and Clean Process water</b>  Ammoniacal Nitrogen
ME-28-2007	<b>Determination of Chloride by Argentometric Method in Drinking water, Surface water, Ground water, and Clean Process water</b>  Chloride
ME-29-2007	<b>Determination of pH by Electrometric Method in Drinking water, Surface water, Ground water, and Clean Process water</b>  pH
ME-31-2007	<b>Determination of Solids dissolved by Gravimetric Method in Drinking water, Surface water, Ground water, and Clean Process water</b>  Filterable solid residues
ME-32-2007	<b>Determination of phenolic compounds by UV-VIS molecular absorption spectrophotometry method in Drinking water, Surface water, Ground water, and Clean Process water</b>  Phenolic compounds
NCh 1333:1978 Mod. 1987	<b>Sodium Adsorption Ratio (RAS) and Sodium Percentage in Drinking water, Surface water, Ground water, and Process water</b>  Sodium Adsorption Ratio (RAS) and Sodium Percentage
NCh 2313/1:1995	<b>Wastewater - Methods of analysis - Part 1: Determination of pH in Wastewater</b>  pH
NCh 2313/3:1995	<b>Wastewater - Methods of analysis - Part 3: Determination of total suspended solids dried at 103 °C - 105 °C in Wastewater</b>  Suspended solids

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NCh 2313/4:1995	<b>Wastewater - Methods of analysis - Part 4: Determination of settleable solids - Volumetric method in Wastewater</b>  Sedimentable solids
NCh 2313/5:2005	<b>Wastewater - Methods of analysis - Part 5: Determination of Biochemical Oxygen Demand (BOD5) in Wastewater</b>  Biochemical Oxygen Demand
NCh 2313/6:2015	<b>Wastewater - Methods of analysis - Part 6: Determination of oils and greases in Wastewater and process water</b>  Oils and Greases
NCh 2313/7:1997	<b>Wastewater - Test methods - Part 7: Determination of total hydrocarbons in Wastewater and process water</b>  Total Hydrocarbons, Fixed Hydrocarbons, Volatile Hydrocarbons
NCh 2313/14:1997	<b>Wastewater - Methods of analysis - Part 14: Determination of total cyanide in Wastewater</b>  Cyanide
NCh 2313/15:2009	<b>Wastewater - Methods of analysis - Part 15: Determination of total phosphorus in Wastewater</b>  Total phosphorus
NCh 2313/16:2010	<b>Wastewater - Methods of analysis - Part 16: Determination of ammonia nitrogen - Potentiometric method in Wastewater</b>  Ammoniacal Nitrogen
NCh 2313/17:1997	<b>Wastewater - Methods of analysis - Part 17: Determination of total sulfur in Wastewater</b>  Sulfide
NCh 2313/18:1997	<b>Wastewater - Methods of analysis - Part 18: Determination of dissolved sulphate by waste calcination in Wastewater</b>  Dissolved sulfates
NCh 2313/19:2001	<b>Wastewater - Methods of analysis - Part 19: Determination of the phenol index - Spectrometric method of 4-aminoantipyrine after distillation in Wastewater</b>  Phenol Index
NCh 2313/21:2010	<b>Wastewater - Methods of analysis - Part 21: Determination of the foaming power in Wastewater</b>  Foaming power



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NCh 2313/24:1997	<b>Wastewater - Methods of analysis - Part 24: Determination of chemical oxygen demand (COD) in Wastewater</b>  Chemical demand for oxygen
NCh 2313/25:1997	<b>Wastewater - Methods of analysis - Part 25: Determination of metals by plasma emission spectroscopy - Inductively coupled plasma method (I.C.P.) in Wastewater</b>  Aluminum, Arsenic, Boron, Cadmium, Zinc, Copper, Chrome, Tin, Iron, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Lead, Selenium
NCh 2313/28:2009	<b>Wastewater - Methods of analysis - Part 28: Determination of nitrogen Kjeldahl - Potentiometric method with previous digestion in Wastewater</b>  Nitrogen Kjeldahl
NCh 2313/32:1999	<b>Wastewater - Methods of analysis - Part 32: Chloride determination - Mohr Argentometric method in Wastewater</b>  Chlorides
NCh 2313/33:1999	<b>Wastewater - Methods of analysis - Part 33: Determination of fluoride - Potentiometric method after distillation in Wastewater</b>  Fluorides
PC-365 (Rev. 2)	<b>Free Cyanide based on SMEWW 4500-CN J Colorimetric Method (23rd edition) in Drinking water, Surface water, Ground water, Wastewater and Process water</b>  Free Cyanide
PC-366 (Rev. 1)	<b>WAD Cyanide based on SMEWW 4500-CN I. Weak Acid Dissociable Cyanide (23rd edition) in Drinking water, Surface water, Ground water, Wastewater and Process water</b>  WAD Cyanide
PC-367 (Rev. 2)	<b>Chlorophyll A in Waters based on SMEWW 10200 H (23rd edition) in Surface water, Ground water, Sea water and Saline water</b>  Chlorophyll-A
PC-372 (Rev. 3)	<b>Chemical speciation of arsenic by HPLC-ICP-MS (anion exchange) in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater, Process water, Soils, Lake Sediment, Marine Sediment, Aquatic Sediment and Marine Biota</b>  Arsenic (As <sup>+3</sup> , As <sup>+5</sup> , Monomethyl Arsenate, Dimethyl Arsenic)
PC-373 (Rev. 2)	<b>Chemical speciation of Mercury by HPLC-ICP-MS (Reverse phase C18) in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater, Process water, Soils, Lake Sediment, Marine Sediment, Aquatic Sediment, and Marine Biota</b>

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	Mercury (MeHg and Hg (II))
PC-394 (Rev. 1)	<p><b>Ammonium, Anionic Surfactants, Phenolic Compounds and Cyanides by FIA in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b></p> <p>Total Cyanide, Total Extractable Phenol, Anionic Surfactants (MBA), Ammonia; Total, Free and Wad Cyanide; Ammonia/ ammonium nitrogen</p>
PE-303 (Rev. 24)	<p><b>Total and Dissolved Elements in Waters by ICP-MS Spectroscopy based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) in Drinking water, Surface water and Ground water</b></p> <p><b>Dissolved:</b> Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Co, Cu, Cr, Sc, Sn, Sr, P, Ga, Fe, Li, Mg, Mn, Hg, Mo, Ni, Ag, Pb, K, Se, Na, Tl, Te, Ti, Th, U, V, W, Zn  <b>Total:</b> Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Co, Cu, Cr, Sc, Sn, Sr, P, Ga, Fe, Li, Mg, Mn, Hg, Mo, Ni, Ag, Pb, K, Se, Na, Tl, Te, Ti, Th, U, V, W, Zn</p>
PE-303 (Rev. 24)	<p><b>Total and Dissolved Elements in Waters by ICP-MS Spectroscopy based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) in Wastewater, Process water, Sea water and Saline water</b></p> <p><b>Dissolved:</b> Al, Sb, As, Ba, Be, Bi, B, Cd, Co, Cu, Cr, Sc, Sn, Sr, P, Ga, Fe, Li, Mn, Hg, Mo, Ni, Ag, Pb, Se, Tl, Te, Ti, Th, U, V, W, Zn  <b>Total:</b> Al, Sb, As, Ba, Be, Bi, B, Cd, Co, Cu, Cr, Sc, Sn, Sr, P, Ga, Fe, Li, Mn, Hg, Mo, Ni, Ag, Pb, Se, Tl, Te, Ti, Th, U, V, W, Zn</p>
PE-325 (Rev. 16)	<p><b>Determination of total elements in soil and sludge based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) in Soils, Sludge, Lake Sediment, Marine Sediment and Aquatic Sediment</b></p> <p><b>Total:</b> Sb, As, Be, Bi, Cd, Co, Cr, Sn, Li, Hg, Mo, Ni, Ag, Pb, Se, Tl, Te, V</p>
PE-336 (Rev. 19)	<p><b>Ammonium, Ammonia nitrogen, Chloride, TON, Alkalinity and Urea using the automatic method of UV-Visible spectrophotometry in Irrigation water and soil solutions</b></p> <p>Alkalinity, Nitrates, Ammonium, Chlorides</p>
PE-951 (Rev. 10)	<p><b>Determination of Metals in soil and sludge by ICP based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES) in Soils, Sludge, Lake Sediment, Marine Sediment and Aquatic Sediment</b></p> <p><b>Total:</b> Al, S, Ba, B, Ca, Cu, Sr, P, Fe, Mg, Mn, K, Na, Si, Ti, Zn</p>
PE-2090 (Rev. 12)	<p><b>Anions (F-, Br-, Cl-, NO<sub>2</sub>-, NO<sub>3</sub>-, PO<sub>4</sub>-3 and SO<sub>4</sub>-2) in Waters by Ion Chromatography based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography in Drinking water, Surface water, Ground water, Wastewater and Process water</b></p>

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	Chlorides, Fluorides, Phosphates, Nitrates (as NO <sub>3</sub> and N-NO <sub>3</sub> ), Nitrites (as NO <sub>2</sub> and N-NO <sub>2</sub> ), Sulfates, Bromides
PE-2107 (Rev. 5)	<p><b>Total, Dissolved and Soluble Elements in Acids for Waters through ICP-OES based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES) in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b></p> <p><b>Dissolved:</b> Al, Sb, As, S, Ba, Be, B, Cd, Ca, Co, Cu, Cr, Sn, Sr, P, Fe, Li, Mg, Mn, Mo, Ni, Ag, Pb, K, Se, Na, Si, Tl, Ti, V, Zn  <b>Total:</b> Al, Sb, As, S, Ba, Be, B, Cd, Ca, Co, Cu, Cr, Sn, Sr, P, Fe, Li, Mg, Mn, Mo, Ni, Ag, Pb, K, Se, Na, Si, Tl, Ti, V, Zn</p>
PEC-001 (Rev. 23)	<p><b>Determination of pH in Irrigation water and soil solutions, Soils; Sludge; Lake Sediment; Marine Sediment; Aquatic Sediment</b></p> <p>pH</p>
PEC-002 (Rev. 19)	<p><b>Determination of Electrical Conductivity in Irrigation water and soil solutions, Soils; Sludge; Lake Sediment; Marine Sediment; Aquatic Sediment</b></p> <p>Electrical Conductivity</p>
PEC-009 (Rev. 23)	<p><b>PEC-009 Determination of Al, B, Ca, Cu, Fe, K, Mg, Mn, Mo, P, Na, S, Si, Zn by inductively coupled plasma optical emission spectroscopy in Irrigation water and soil solutions</b></p> <p>Aluminum, Boron, Calcium, Copper, Magnesium, Manganese, Iron, Phosphate, Potassium, Sodium, Sulphate, Zinc</p>
PEC-022 (Rev. 14)	<p><b>Determination of Moisture in Soils, Sludge, Lake Sediment, Marine Sediment and Aquatic Sediment</b></p> <p>Moisture</p>
PICH-210 (Rev. 5)	<p><b>Groundwater Sample Collection based on NCh 411/11:1998 and NCh411/3:2014 in Groundwater</b></p> <p>Sample Collection of Groundwater, Water table measurement</p>
PICH-211 (Rev. 8)	<p><b>Drinking Water, Catchment Sources and Raw Water Sample Collection based on NCh 409/2:2004, NCh 411/3:2014 and SISS, Manual testing methods for drinking water 2nd Ed., July 2007 in Drinking water, Surface water, Sea water and Saline water</b></p> <p>Sample Collection of Drinking water, Surface water, Sea water and Saline water</p>
PICH-212 (Rev. 6)	<p><b>Wastewater Sample Collection based on NCh 411/10:2005 and NCh 411/3:2014 in wastewater</b></p> <p>Sample Collection of Wastewater</p>
PICH-213 (Rev. 2)	<p><b>Odor determination in situ based on NCh409/1:2005, NCh410:1996. SMEWW 2170 (23rd edition) in Drinking water</b></p> <p>Odor</p>

# SCOPE OF ACCREDITATION

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PICH-214 (Rev. 2)	<b>Taste determination in situ Based on NCh409/1:2005, NCh410:1996. SMEWW 2170 (23rd edition) in Drinking water</b>  Taste
PICH-302 (Rev. 2)	<b>Sampling of soils based on ISO 10381-2 :2002 and NCh 3400:2016 in Soils</b>  Sampling of soils parameters
PICH-303 (Rev. 3)	<b>Sampling of Sediments and Sludge based on ISO 5667-12:2004 in Lake Sediment, Marine Sediment and Aquatic Sediment</b>  Sampling of Lake Sediment, Marine Sediment, Aquatic Sediment and Sludge parameters
SMEWW 2120 B (23rd edition)	<b>Visual Comparison Method Surface water, Ground water, Sea water and Saline water</b>  Color
SMEWW 2130 B (23rd edition)	<b>Turbidity by Nephelometry method in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b>  Turbidity
SMEWW 2150 B (23rd edition)	<b>Threshold Odor Test in Drinking Water, Surface water, Ground water, Sea water and Saline water</b>  Odor
SMEWW 2330B (23rd edition)	<b>Langelier Index (Saturation Index) in Drinking water, Surface water and Ground water</b>  Langelier Index (Saturation Index)
SMEWW 2340B (23rd edition)	<b>Hardness by Calculation in Drinking water, Surface water and Ground water</b>  Hardness
SMEWW 2510 B (23rd edition)	<b>Conductivity. Laboratory Method in in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b>  Electric conductivity
SMEWW 2540 B (23rd edition)	<b>Total Solids Dried at 103-105°C in Surface water, Ground water, Sea water and Saline water</b>  Total Solids
SMEWW 2540 C (23rd edition)	<b>Total Dissolved Solids Dried at 180°C in Surface water, Ground water, Sea water and Saline water</b>  Total dissolved solids
SMEWW 2540 D (23rd edition)	<b>Total Suspended Solids in Surface water, Ground water, Sea water and Saline water</b>



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	Total Suspended Solids
<b>SMEWW 2540 F (23rd edition)</b>	<b>Settleable Solids in Surface water, Ground water, Sea water and Saline water</b> Settleable Solids
<b>SMEWW 3500 Cr-B (23rd edition)</b>	<b>Chromium by Colorimetry in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> Hexavalent chromium
<b>SMEWW 4500 Cl-B (23rd edition)</b>	<b>Chlorine by Iodometry in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> Chlorine
<b>SMEWW 4500-CN E (23rd edition)</b>	<b>Colorimetric Method in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> Total Cyanide
<b>SMEWW 4500-CN-F (23rd edition)</b>	<b>Cyanide in Water by Ion Selective Electrode in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> Cyanide
<b>SMEWW 4500 H+B (23rd edition)</b>	<b>Electrometric Method in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> pH
<b>SMEWW 4500 NH3-D (23rd edition)</b>	<b>Ammonia by Selective Electrode in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> Ammoniacal Nitrogen
<b>SMEWW 4500 Norg D (23rd edition)</b>	<b>Macro Kjeldahl Method in Sea water and Saline water</b> Kjeldahl Nitrogen
<b>SMEWW 4500 NO2- B (23rd edition)</b>	<b>Ultraviolet Spectrophotometric Screening Method in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> Nitrite (expressed as NO <sub>2</sub> and N-NO <sub>2</sub> ), Nitrite, Nitrogen-nitrite
<b>SMEWW 4500 NO3- D (23rd edition)</b>	<b>Nitrate Electrode Method in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b> Nitrate, Nitrogen-nitrate
<b>SMEWW 4500 NO3- E (23rd edition)</b>	<b>Cadmium Reduction Method in Sea water and Saline water</b> Nitrate (expressed as NO <sub>3</sub> and N-NO <sub>3</sub> )
<b>SMEWW 4500 S-2 G (23rd edition)</b>	<b>Ion Selective Electrode Method in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b>

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	Total sulfur
<b>SMEWW 4500 SO4-D (23rd edition)</b>	<b>Sulfate in Water by Gravimetry in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b>  Sulphates
<b>SMEWW 5210 B (23rd edition)</b>	<b>Biochemical Oxygen Demand 5-Day Bod Test (23rd edition) in Drinking water, Surface water, Ground water, Sea water and Saline water</b>  DBO5
<b>SMEWW 5220 D (23rd edition)</b>	<b>Chemical Oxygen Demand Closed Reflux Colorimetric Method in Drinking water, Surface water, Ground water, Sea water and Saline water</b>  COD
<b>SMEWW 5520 B (23rd edition)</b>	<b>Liquid-Liquid Partition Gravimetric Method in Surface water, Ground water, Sea water and Saline water</b>  Oils and Greases
<b>SMEWW 5530 C (23rd edition)</b>	<b>Chloroform Extraction Method in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b>  Phenolic compounds
<b>SMEWW 5540 C (23rd edition)</b>	<b>Anionic Surfactants as MBAS in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b>  Anionic Surfactants
<b>Environmental - Organic</b>	
<b>PC-204 (Rev. 13)</b>	<b>Determination of pesticide residues, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D method in Drinking water, Surface water, Ground water, Sea water, Saline water, Waste water and Process water</b>  <b>Pesticides:</b> Alacloro, Aldrin (SP), Alfa-HCH, Ametrina, Atrazina, Azinfos Metil, Benalaxil (SP), Beta-HCH, Captan, Carbaril, Cipermetrina, Ciproconazol, Clodinafop Propargil, Clordano Cis, Clordano Trans, Clordecona, Clorfenvinfos, Clorotalonil, Clorpirifos Etil, Clortal-Dimetil, Delta-HCH, Diazinon, Dicofol, Dieldrin (SP), Diflufenican, Dimetoato (SP), Endosulfan I, Endosulfan II, Endosulfan Sulfato, Endrin, Endrin Aldehido, Endrin Cetona, EPTC, Etion, Etoprofos, Fenamifos (SP), Flusilazol, Folpet, Heptacloro (SP), Heptacloro Epóxido (SP), Hexaclorobenceno, Isodrin, Lindano, Malation (SP), Metalaxil (SP), Metamidofos, Metidation, Metolacloro, Metoxiclor, Metribuzin, Miclobutanilo, Mirex, Molinato, o,p-DDT, Oxifluorfen, p,p-DDD, p,p-DDE, p,p-DDT, Paration Etil, Paration Metil (SP), Pendimetalina, Pentaclorobenceno, Piridaben, Pirimetanil, Prometrina, Propazina, Propizamida, Simazina, Simetrina, Terbutilazina, Terbutrin, Tetradifon, Triclorfon, Trietazina, Trifluralin, Vinclozolina (SP) <b>PAH's:</b> Acenafteno, Acenaftileno, Benzo (a) antraceno, Benzo (a) pireno, Benzo (b) fluoranteno, Benzo (e) pireno, Benzo (g,h,i) perileno, Benzo (k) fluoranteno,

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	<p>Dibenzo (a,h) antraceno, Indeno (1,2,3-c,d) pireno, Pireno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Naftaleno, Antraceno</p> <p><b>PCB´s:</b> PCB nº 101, PCB nº 118, PCB nº 138, PCB nº 153, PCB nº 180, PCB nº 28, PCB nº 52</p>
PC-205 (Rev. 6)	<p><b>Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D in Soils, Sludge, Lake Sediment, Marine Sediment and Acuatic Sediment</b></p> <p><b>Pesticides:</b> Alacloro, Aldrin (SP), Alfa-HCH, Ametrina, Atrazina, Azinfos Metil, Benalaxil (SP), Beta-HCH, Captan, Cipermetrina, Ciproconazol, Clodinafop Propargil ester, Clordano Cis, Clordano Trans, Clordecona, Clorfenvinfos, Clorotalonil, Clorpirifos, Clortal-Dimetil, Delta-HCH, Diazinon, Dieldrin (SP), Diflufenican, Dimetoato (SP), Endosulfan I, Endosulfan II, Endosulfan Sulfato, Endrin, Endrin Aldehido, Endrin Cetona, EPTC, Etion, Etoprofos, Fenamifos (SP), Flusilazol, Folpet, Heptacloro (SP), Heptacloro Epóxido (SP), Hexaclorobenceno, Isodrin, Lindano, Malation (SP), Metalaxil (SP), Metidation, Metolacloro, Metoxicloro, Metribuzina, Miclobutanil, Mirex, Molinato, o,p-DDT, Oxifluorfen, p,p-DDD, p,p-DDE, P,p-DDT, Paration Etil, Paration Metil (SP), Pendimetalina, Pentaclorobenceno, Piridaben, Pirimetanil, Prometrina, Propazina, Propizamida, Simazina, Simetrina, Terbutilazina, Terbutrin, Tetradifon, Triclorfon, Trietazina, Trifluralin, Vinclozolina (SP)</p> <p><b>PAH´s:</b> Acenafteno, Acenaftileno, Antraceno, Benzo (a) antraceno, Benzo (a) pireno, Benzo (e) pireno, Benzo (b) fluoranteno, Benzo (g,h,i) perileno Benzo (k) fluoranteno, Criseno, Dibenzo (a,h) antraceno, Fluoranteno, Fluoreno, Indeno (1,2,3 – c,d) pireno, Fenantreno, Pireno, Naftaleno</p> <p><b>PCBs:</b> PCB nº 101, PCB nº 118, PCB nº 138, PCB nº 153, PCB nº 180, PCB nº 28, PCB nº 52</p>
PC-241 (Rev. 14)	<p><b>Determination of VOCs in Waters based on EPA 5021 A in Drinking water, Surface water, Ground water, Sea water, Saline water, Wastewater and Process water</b></p> <p>Cloruro de Vinilo, 1,1-Dicloroetano, Diclorometano, 1,2-trans-Dicloroetano, 1,1-Dicloroetano, 1,2-cis-Dicloroetano, 2,2-Dicloropropano, Cloroformo, 1,1,1-Tricloroetano, 1,1-Dicloropropeno, Tetracloruro de Carbono, 1,2-Dicloroetano, Benceno, Tricloroetano (1,1,2), 1,2-Dicloropropano, Dibromometano, Bromodiclorometano, 1,3-cis-Dicloropropeno, Tolueno, 1,3-trans-Dicloropropeno, 1,1,2-Tricloroetano, Tetracloroetano, 1,3-Dicloropropano, Clorodibromometano, Clorobenceno, 1,1,1,2-Tetracloroetano, Etilbenceno, m,p-Xileno, o-Xileno, Estireno, Bromoformo, Isopropilbenceno, 1,1,2,2-Tetracloroetano, 1,2,3-Tricloropropano, Bromobenceno, n-Propilbenceno, 2 – Clorotolueno, 1,3,5-Trimetilbenceno, 4-Clorotolueno, tert-Butilbenceno, 1,2,4-Trimetilbenceno, sec-Butilbenceno, 1,3-Diclorobenceno, p-Isopropiltolueno, 1,4-Diclorobenceno, 1,2-Diclorobenceno, 1,2-Dibromo -3 – Cloropropano, 1,2,4-Triclorobenceno, Hexaclorobutadieno, Naftaleno, 1,2,3-Triclorobenceno</p> <p>Sum of trihalomethane, Sum of xylenes</p>
PC-342 (Rev. 3)	<p><b>Determination of Geosmin and MIB using Solid-Phase Microextraction (SPME) and GC-MS-MS´s in Drinking water, Surface water and Ground water</b></p> <p>Geosmin, MIB (2-Metilisoborneol)</p>

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<b>PE-649 (Rev. 11)</b>	<b>Determination of Hydrocarbon in a range C6 - C40, water and soils by Gas Chromatography – FID based on EPA Method 8015 D and Draft TNRCC Method 1006 in Drinking water, Surface water, Ground water, Sea water, Saline water, Waste water, Process water, Soils; Lake Sediment; Marine Sediment; Aquatic Sediment</b>  Volatile Hydrocarbons C6-C10; Fixed Hydrocarbons >C10-C28; Fixed Hydrocarbons >C28-C40; Fixed Hydrocarbons >C10-C40; Total Petroleum Hydrocarbons (TPHs) C6-C40
<b>Air Quality</b>	
<b>PC-230 (Rev. 13)</b>	<b>Determination of Heavy Metals by ICP in Air Quality</b>  Air Quality metals in filter Aluminum; Arsenic; Barium; Beryllium; Cadmium; Calcium; Cobalt; Copper; Chrome; Iron; Magnesium; Manganese; Molybdenum; Nickel; Silver; Lead; Potassium; Sodium; Talion; Zinc
<b>PC-330 (Rev. 2)</b>	<b>Weighing Filters high Volume (Hi- VOL) – For air Quality tests only in Air Quality</b>  Particulate Matter by Gravimetry in Filters