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CERTIFICATE OF ACCREDITATION

This is to attest that

AGQ CHILE S.A

LOS INDUSTRIALES NO. 697 HUECHURABA
SANTIAGO
CHILE

Testing Laboratory TL-513

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*, and has been accredited for the test methods listed in the approved scope of accreditation. The scope can be found on the IAS website (www.iasonline.org).

This certificate is valid up to May 1, 2019.



This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See <http://iasonline.org/More/search.html> for current accreditation information, or contact IAS at 562-364-8201.



C.P. Ramani
C.P. Ramani, P.E., C.B.O
President



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SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-513
Company Name	AGQ CHILE S.A
Address	Los Industriales 697 Huechuraba Santiago de Chile, Chile
Contact Name	Jose Luis Ganivet Mateo Gerente General
Telephone	+56 2 7544000
Effective Date of Scope	February 2, 2018
Accreditation Standard	ISO/IEC 17025: 2005

FIELDS OF TESTING	MATERIAL	DETERMINANTS	METHOD REFERENCE
Chemistry pesticide residue analysis	Fruits and vegetables (fresh and transformed)	Abamectin; Acetamiprid (SP), Aclonifen, Aldicarb, Aldicarb (Sum), Aldicarb Sulfone, Aldicarb Sulfoxide, Azoxystrobin, Bendiocarb, Benfuracarb, Benomyl Carbendazim, Bentazone (SP), Benthiavalicarb Isopropyl, Boscalid, Bromoxynil, Bromoxonil, Bromuconazole, Butoxycarboxim, Cadusafos, Captafol, Carbofuran (SP), Chlorantraniliprole, Cyazofamid, Cyloxydim (SP), Cymoxamyl, Cyromazine, Clethodim, Clofentezine, Clomazone, Clopiralid, Cloridazon, Clothianidin (SP), Demeton S- Methyl, Demeton S- Methyl Sulfoxide, Desmedifan, Diclofop, Diclofenac, Dichlorprop, Dichlorprop, Dichlorprop, Dichlorophenol, Dichloromethane (SP), Dimetomorph, Dodecorph, Dodemorf, Dodina, Emamectin Benzoate, Epoxiconazole, Espinetoram, Spinosad (A + D), Spirodiclofen, Spiromesifen, Spirotetramat, Spiroxamine, Etiprol , Etofenprox, Etoxazole, Famoxadone, Phenamidone, Phenbuconazole, Phenexamide, Phenymbifen, Phenypyroximate, Phenpropidin, Phenpropimorph, Fipronil (SP), Flazasulfuron, Fonicamid, Fluacinam, Flubendiamide, Flufenacet, Flufenoxuron , Flumeturon, Fluopicolid, Fluotrimizole, Flutolanil, Forato (Sum), Forato, Forato Sulfona, Forato Sulfoxido, Forclorfenuron, Formetanato, Fostiazato, Furatiocarb, Hexaflumuron, Hexithiazuron, Himexazole, Imazamox, Imidacloprid (SP), Indoxacarb, Ioxinil (SP), Isocarbons, Isoproturon, Isoxaben, Lenacilo, Linuron, Lufenuron, Mepanipirim (SP), Metaflumizone, Metamitron, Methyl thiophanate (SP), Metolachlor, Metolcarb, Metomyl, Methomyl, Metoxifen, Metoxuron, Metraphenone,	PE-618 Determination of pesticide residues by LC/MS-MS



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Chemistry pesticide residue analysis (continued)	Fruits and vegetables (fresh and transformed)	Milbectina, Monocrofos, Monolinuron , Nicosulfuron, Nitenpyram, Ometoate (SP), Oxadiargil, Oxadixil, Oxamyl, Oxycarboxine, Pencincuron, Picoxyistrobin, Pymetrocin, Piraclostrobin, Pyriditate, Propamocarb, Propanecybop, Propoquizaop, Propoxur, Proquinazide, Prosulfocarb, Quinclorac, Quinmerac, Quinoxifen, Quizalofop-Ethyl (SP), Rimsulfuron, Rotenone, Sulcotrione, Tebufenocide, Teflubenzuron, Thiametoxan Suma, Thiametoxan (SP), Thiabendazole, Tiaclopid, Thiocyclam, Thiodicarb (SP), Triclopir, Tridemorf, Trifloxystrobber Triflumizol, Triflumuron, Triforine.	PE-618 Determination of pesticide residues by LC/MS-MS
	Fruits and vegetables (fresh and transformed)	Acephate, Acetochlor, Acrinatrine, Alachlor, Aldrin (SP), Amitraz (SP), Atrazine, Azinphos Ethyl, Azinphos Methyl, Benalaxil (SP), Benfluralin, Bifenazate, Biphenyl, Bifentrin, Bitertanol, Bromophos-Methyl, Bromopropylate, Bupyrimate), Buprofezin, Captan, Carbaryl, Carbofenotion, Carbosulfan, Cypherluthrin, Cypermethrin, Cyproconazole, Cyprodinil, Chlorobenzilat, Chlordane, Chlorfenapyr, Chlorfenapyr, Chloropropylate, Chlorpyrifos Ethyl, Chlorpyrifos Methyl, Chlorprophim (SP), Chlorthal-Dimethyl, Chlorothalonil, Chlorololon, Cyhalothrin Diazinon, Diclofenil, Diclofenane, Dichloran, Dichloran, Dichlorvos, Dicofol, Dieldrin (SP), Dieldrin suma (SP), Diphenylamine, Diphenconazole, Diflufenican, Diniconazole, Dinobuton, Disulfuton, Disulfuton Sulfone, Disulfuton Sulfoxide, Disulfuton Sum, Ditalimfos, Diuron, Endosulfan (A + B + Sulf), Endosulfan Alfa; Endosulfan Beta, Endosulfan Sulfate, Endrin, Etalfluralin, Etiofencarb, Etion, Ethophumesate, Etoprofos, Ethoxyphine, Etrimfos, Phenamiphos, Phenamiphos, Fenarimol, Fenazaquin, Fenitroquin, Fenoxycarb, Fenpropatrin, Fensulfotion, Fention (SP), Fentoate, Fenv + Esfenvalerate, Fluazifop-Butyl , Fluoridinate, Fludioxonil, Flucoxonil, Flucoxazole, Flusilazole, Flutriafol, Fluvalinate Tau, Folpet, Fonofos, Fosalone, Fosmet (SP), Furalaxil, Heptachlor (SP), Heptenephos, Hexachlorobenzene, Hexachlorobutadiene, Hexaconazole, Imazalil, Iprodione, Iprovalicarb, Isazofos, Isofenfos, Isofenfos Methyl, Kresoxim Methyl, Lindane, Malation (SP), Mercarban, Mepronil, Metacrifos, Metalaxyl (SP), Metamidofos, Metazaclor, Metidation, Metiocarb (SP), Metoxiclor, Metribuzin, Mevinfos, Miclobutanil, Mirex, Molinato, Naled,	PE-614 Determination of pesticide residues by GC-MS-MS



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<p>Chemistry pesticide residue analysis (continued)</p>	<p>Fruits and vegetables (fresh and transformed)</p>	<p>Napropamide , Nuclide, p-DDT, Ofurace, Ortophenylphenol, Oxadiazon, Oxadixil, Oxiflurofen, p-DDE, Paclbutrazol, Ethyl Paration, Methyl Paration, Penconazole, Pendimethalin, Pentachloroaniline, Pentachloroanisole, Pentachlor Pyrimiphos Ethyl, Pirimiphos Methyl, Piriproxyfen, Procymidone, Prochlorid, Prochloraz, Profam, Profenofos, Profluralin, Prometrine, Propargite, Propiconazole, Propyzizide, Propyamide, Prothiophos, Pyrimidines, Quinalfos, Quinomethionate, Quenozene, Quintocene, Quintoceno Sum, Simazine, Sulfotep, Tebuconazole, Tebufenpirad, Tecnazen, Teflutrin, Terbacil, Terbufos, Terbutilazine, Terbutrin, Tetrachlorovfos, Tetraconazole, Tetradifon, Tetramethrin, Tiometon, Tolclofos Methyl, Tolifluanide (SP), Transflutrin, Triadimefon (SP), Triadimenol (SP), Triazofos, Triciclazole, Trichlorfon, Trifluralin, Uniconazole-P, Vinclozalin (SP), Zoxamide.</p>	<p>PE-614 Determination of pesticide residues by GC-MS-MS</p>
<p>Food – Organic – Pesticides</p>	<p>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</p>	<p>Abamectin, acequinocyl, Acetamiprid, 1-naphthylacetic acid, Aclonifen, Aldicarb, Aldicarb sulfone, aldicarb sulfoxide, amitrole, azadirachtin, azamethiphos, azimsulfuron, azinphos-ethyl, azinphos methyl, azoxystrobin, BAC, Bendiocarb, Benfuracarb, Bentazone methyl, bentazone, Benthiovalicarb, Bioalletrin, boscalid, bromacil, bromoxynil, bromuconazole, Butachlor, Butoxicarxim, butralin, cadusafos, Captafol, Carbendazim, Carbentrazona ethyl, Carbofuran 3 Hydroxy, Carbofuran, Carboxim, Chlorantraniliprole, chloridazon, Cymoxanil, Cyromazine, clethodim, Clofentezine, Clomazone, Clorfuazuron, clothianidin , Cyantraniprole, Cyazofamida, Cycloato, Cyflufenamida, cyhexatin, DDAC, Demeton-s, Demeton-s-methyl, Demeton-s-methyl sulfone, Demeton-s-methyl sulfoxide, Desmedifan, Dialifor, diclofop, diclofop methyl, Dichlormid, dichlorvos, Diethofencarb, Diflubenzuron, Dimethoato, dimethomorph, dinocap, dinotefuran, dithianon, DNOC, dodemorph, dodine, Emamectin benzoate, epoxiconazole, Spinosad a+d, spiroadiclofen, spiromesifen, Ethiofencarb, Ethiprole Ettiiofencarb sulfoxide, etofenprox, etoxazole, Ethoxyquin, Etrimol, Famoxadone, Fenamidone, Fenamiphos, Fenbuconazole, Fenbutestan, fenhexamid, Fenmedifan, Fenobucarb, Fenpyroximate, fenpropidin, fenpropimorph, Fenpyrazamine, Fensulfotion, Fipronil, Flonicamid, Florclorfenuron, Fluacinan , Fluazifop p,</p>	<p>PE-674 Determination of pesticide residues by GC/MS-MS and LC/MS-MS</p>



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<p>Food – Organic – Pesticides (continued)</p>	<p>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</p>	<p>Flubendiamide, fludioxonil, flufenacet, flufenoxuron, flumioxazin, fluometuron, fluquinconazole, Fluratiocarb, fluroxypyr, flusilazole, Flutalonil, Flutriafol, Formetanate, phosmet, Fosthizate, fuberidazole, haloxyfop, haloxyfop-2-ethoxyethyl, haloxyfop-methyl, hexaflumuron, Hexitiazox, Hymexazole, Imazalil, Imidacloprid, Indaziflan, Indoxacarb, Isoproturon, Isopyrazam, Isoxaben, Lenacilo, Linuron, Lufenuron, Mandipropamide, MCPA, Mecarbam, Mepanipirim, Metaflumizone, Metamitrona, Metazaclor, Metconazole, Methyl thiophanate, Methylthiob, Metiocarb sulfoxide, Metolachlor, Metolcarb, Metomyl, Metominostrobin, Methoxyphenocide, Methoxide N, Metraphenone, Monocrotophos, Monolinuron, Nitempyram, Norflurazon, Novaluron, Omethoate, Oryzaline, Oxadiargil, Oxadiazon, Oxamyl, Oxicarboxim, Paclobutrazol, Pencicuron, Penthiopyrad, Phorate, Phoratesulfone, Phoratesulfoxide, Picoxystrobin, Pyridate, Profam, Promecarb, Propamocard, Propanil, Propaquizafop, Propiconazole, Propoxur, Spinetoram, Spirotetramat, Spirotetramat cis-enol, Spirotetramat cis-keto-hidrxy, proquinazid, prosulfocarb, Prothiconazol, prothioconazole, pyraclostrobin, Pyraflufen monohydrate, Pyraflufen-ethyl, Pyridaril, quinoxifen, quizalofop, Rotenone, Saflufenacil , , Spirotetramat enol glucoside, mono-Hydroxy Spirotetramat, spiroxamine, sulcotrione, sulfotep, sulfoxaflor, tebufenozide, Teflubenzuron, terbufos, terbufos sulfone, terbufos sulfoxide, TFNA, TGNG, thiabendazole, thiacloprid, Thiametoxan, thiobencarb, thiodicarb, Thyociclan hidrogenaxalato, tolylfluanid Trallometrin, triclopyr, trichlorfon tridemorph, trifloxystrobin, triflumizole triflumuron, Triforine , Tryciclazole, Zoxamide, 2.4.6-trichlorophenol, 2.4'-DDD, DDE-2.4', Acetochlor, Acrinathrin, Alachloro, Aldrin, Ametryn, atrazine, benalaxyl, benfluralin, Bifenazate, biphenyl, bifenthrin, bitertanol, Bromophos ethyl, methyl Bromophos , Bromopropylate, Bupirimato, Buprofezin, Captan, Carbofenotion, Carbosulfan, Cyfluthrin, Cyhalothrin lambda, Cypermethrin, Cyproconazole, Cyprodinil, Chlorben zilat, Chlordane cis, Chlordane trans, Clorfenapyr, chlorfenson, Chlorfenvinphos, Chlormephos, chloropropylate, ethyl chlorpyrifos, chlorpyrifos-methyl, Chlorpropham, chlorthal-dimethyl, chlorotoluron, Chlozolate, DDD-pp, DDE-pp,</p>	<p>PE-674 Determination of pesticide residues by GC/MS-MS and LC/MS-MS</p>
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Food – Organic – Pesticides (continued)	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	DDT-op, DDT-pp, DEET, diafenthiuron, diazinon, Dichlone, dichlobenil, diclobutrazol, dichlofenthion, dicloran, Dicofol, Dicrotophos, Dieldrin, diphenylamine, difenoconazole, diflufenican, Diniconazole, dinobuton, Disulfoton, Disulfoton sulfoxide, Disulfoton sulfone, ditalimfos, endosulfan, Endosulfan B, Endosulfan sulfate, Endrin, EPN, EPTC, esfenvalerate, ethalfluralin, Ethofumesato, Ethiofencarb sulfone, ethion, ethoprophos, Etridiazole, etrimfos, fenamiphos sulfone, Fenamiphos sulfoxide, fenarimol, fenazaquin, Fenchlorphos, Fenitrothion, fenoxycarb, fenpropathrin, fenthion, fenthion sulfone, Fenthion sulfoxide , Fenoate, Fenvalerate, Fipronil sulfide, Floutrimizole, Fluazifop-butyl, Fluocytinato, Fluopicolide, Fluopyram, Fluvalycin tau, Folpet, Fonofos, Formotion, Fosalone, Fosfamidon, Fosme Hexachlorobutadiene, Hexaconazole, Iprodione, Iprovalicarb, Isazofos, Isofenfos, Isofenfos methyl, Kresoxim methyl, Lindane (gamma HCH), Malathion, Mepronil, Metacrifos, Metalaxyl, Methoxiclor, Metidation, Metribuzin, Mevinphos, Miclobutanil, Mirex, Molinate, Naled, Napropamide,, Nuramine, Ofurace, Ortophenylphenol-opp, Oxadixil, Oxyfluorfen, Paraoxon Ethyl, Paraoxon Methyl, Paration Ethyl, Paration Methyl, Penconazole , Pendimethalin, Pentachloroaniline, Pentachloroanisol, Pentachlorobenzene, Permetrine, Piperonyl Butoxide, Pyrazolophen, Pyrazinophenyl, Pyripenox, Pirimetanil, Pirimicarb, Pirimicarb Desmethyl, Pirimiphos Ethyl, Pirimiphos Ethyl, Pyrimifloxyl, Pyriproxyfen, Procymidone, Profenofos, Profluralin, Promethrin, Propachlor, Propargite, Propyzamide, Prothiophos, Quinalfos, Quenozene, Quintozene, Simazine, Tebuconazole, Tebufenpirad, Tecnazen, Teflutrin, Terbacil, Terbumetone, Terbutilazine, Terbutryn, Tetrachlorovfos, Tetraconazole, Tetraconazole, Tetradifon, Tetramethrin, Tiometon, Tolclofos methyl, Translutrin, Triadimefon, Triadimenol, Triazemol, Trifluralin, Vamidation, Vinclozoline , Uniconazole	PE-674 Determination of pesticide residues by GC/MS-MS and LC/MS-MS
	Fruits and vegetables with high water and low fat content; Fruits and vegetables with high water and high fat content	Perchlorate, Chlorate, Fosetyl-AL, Phosphoric Acid and Derivatives Sales	PE-673 Perchlorate, chlorate, fosetyl and phosphonic acid in fruits and vegetables by LC/MS-MS



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Vegetal material	Leaves	Boron, Calcium, Copper, Phosphorus, Iron, Magnesium, Manganese, Molybdenum, Potassium, Sodium, Zinc, Sulfur	PEC-009 Determination of Ca, Mg, Na, K, Fe, Mn, Cu, Zn, Mo, S, P and B by ICP-OES
	Leaves	Nitrogen	PEC-034 Determination of nitrogen
Agronomy water	Irrigation water and soil solutions	Alkalinity	PE-336 Ammonium, Ammonia nitrogen, Chloride, TON, Alkalinity and Urea using the automatic method of UV-Visible spectrophotometry
	Irrigation water and soil solutions	Nitrates	PE-336 Ammonium, Ammonia nitrogen, Chloride, TON, Alkalinity and Urea using the automatic method of UV-Visible spectrophotometry
	Irrigation water and soil solutions	Ammonium	PE-336 Ammonium, Ammonia nitrogen, Chloride, TON, Alkalinity and Urea using the automatic method of UV-Visible spectrophotometry
	Irrigation water and soil solutions	Chlorides	PE-336 Ammonium, Ammonia nitrogen, Chloride, TON, Alkalinity and Urea using the automatic method of UV-Visible spectrophotometry
	Irrigation water and soil solutions	Al, B, Ca, Cu, Mg, Mn, Fe, PO ₄ , K, Na, SO ₄ , Zn	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
	Irrigation water and soil solutions	pH	PEC-001 Determination of pH
	Irrigation water and soil solutions	Electrical Conductivity	PEC-002 Determination of Electrical Conductivity
Processed Food	Wine	Calcium, Cadmium, Copper, Chromium, Iron, Magnesium, Sodium, Potassium, Lead, Tin, Zinc	PC-230 Determination of Metals using ICP
	Wine	Lithium, Beryllium, Boron, Aluminium, Titanium, Vanadium, Chromium, Manganese, Iron, Cobalt, Nickel, Copper, Arsenic, Selenium, Strontium, Molybdenum, Silver, Cadmium, Tin, Antimony, Barium, Mercury, Lead	PE-324 Determination of total elements in food by ICP-MS



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Processed Food (continued)	Wine	Ochratoxin A	PC-299 Determination of residues of ochratoxin A by LC/MS-MS
	Wine	Methanol	PC-358 Determination of methanol by GC-FID
	Wine	Histamine	PC-301 Residues of histamine by LC/MS-MS
	Wine	Natamycin	PC-300 Determination of residues of natamycin by LC-MS/MS
Food – Inorganic	Oils; Fats	K232; K270. DeltaK	PE-386 Characterization of Oils by UV Spectra
	Oils; Fats	Acidity	PE-387 Determination of grade of Acidity in Food (Oleic Acid)
	Oils; Fats	Peroxide Index	PC-208 Peroxide Index in Oils
	Food	As, Ca, Cd, Cu, Cr, Fe, Hg, Mg, Na, K, Pb, Sn, Zn	PC-230 Determination of metals by ICP-OES
	Food	Lithium, Beryllium, Boron, Aluminium, Titanium, Vanadium, Chromium, Manganese, Iron, Cobalt, Nickel, Copper, Arsenic, Selenium, Strontium, Molybdenum, Silver, Cadmium, Tin, Antimony, Barium, Mercury, Lead	PE-324 Determination of total elements in food by ICP-MS
	Food	Total Sugar Content	PC-334 Determination of total carbohydrates, reducing sugars and total
	Food	Moisture	PE-345 Determination of moisture in food
	Food	Ashes	PE-355 Determination of ashes in food
	Food	Total Fats	PE-356 Determination of total fats in food
	Food	Carbohydrates	PE-358 Determination of carbohydrates content in food
	Food	Nutritional Value	PE-359 Determination of nutritional value in food
	Food	Protein	PE-326 Determination of proteins in food
	Food	Crude fiber	PC-348 Determination of crude fiber in food



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<p>Food – Inorganic (continued)</p>	<p>Salmon Muscle (Skin and Muscle) and Molluscs</p>	<p>Arsenic, Cadmium, Copper, Chrome, Tin, Lead, Mercury, Zinc, Lithium, Beryllium, Aluminum, Titanium, Manganese, Nickel, Molybdenum, Silver Antimony, Barium, Vanadium, Iron, Selenium</p>	<p>PC-360 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. Etoxicology and Environmental Safety 54 (2003) (Determination of heavy metals in crayfish by ICP-MS with a microwave – assisted digestion treatment). 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 pristine waterway in Southwest Louisiana</p>
<p>Food – Organic</p>	<p>Oils; Fats</p>	<p>Eritrodiol and Uvaol</p>	<p>PC-242 Determination of sterols, erythrodiol and uvaol in oils by GC/FID</p>
	<p>Oils; Fats</p>	<p>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</p>	<p>PC-233 Determination of fatty acid content in oil by GC/FID</p>
	<p>Oils; Fats</p>	<p>δ-5 Avenasterol; 24-Metilencolesterol; Brassicasterol; B-sitosterol; Campesterol; Campestanol; δ-7-campesterol; Clerosterol; Cholesterol; Stigmasterol; δ-5,23-estigmastadienol; δ-5,24-estigmastadienol; Sitostanol</p>	<p>PC-236 Determination of sterols in oil by GC/FID</p>



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Food – Organic (continued)	Finished livestock and avian products	Abamectin, Ivermectin, Oxolinic Acid, Ciprofloxacin, Chloramphenicol, Diflubenzuron, Emamectin Benzoate, Enrofloxacin, Erythromycin A, Spiramycin, Florfenicol, Flumaquine, Sarafloxacin, Trimethoprim	PC-305 Determination of antibiotics residue by LC/MS-MS
	Finished livestock and avian products	Sulfamethazine, Sulfamethoxine, Sulfadimethoxine, Sulfadimetoxin, Sulfaquinoxaline, Sulphoropyridazine, Sulfamethoxazole, Sulfamethoxipyridazine, Sulfadoxine	PC-341 Determination of sulfonamides residue by LC/MS-MS
	Finished livestock and avian products	Decoquinatone, Diclazuril, Halofuginone, Robenidine, Nazarine, Nicarbazine, Lasalocid A, Maduramicin, Monensin, Salimonicin	PC-659 Coccidiostats by LC/MS-MS
	Food	Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Zearalenone	PC-226 Determination of mycotoxins by LC/MS-MS
	Salmon Muscle (Skin and Muscle)	Oxytetracycline, Tetracycline, Chlortetracycline, 4-epi-Oxytetracycline, 4-epi-Tetracycline, 4-epi-Chlortetracycline	PC-339 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.



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Food – Organic (continued)	Salmon Muscle (Skin and Muscle)	Flumequine, Oxolinic acid, Emamectin benzoate, Florfenicol, Diflubenzuron, Azametifos, Teflubenzuron	PC-228 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.
Animal Feed	Flours of livestock and avian origin, Pellet	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-305 Determination of antibiotic and tetracyclines residue by LC-MS-MS
	Flours of livestock and avian origin	AHD, AMOZ, AOZ, SEM	PC-319 Determination of nitrofurans residue by LC/MS-MS
	Flours of livestock and avian origin Pellet	Crystal Violet, Leuco Crystal Violet, Malachite Green, Leuco Green Malachite, Bright Green	PC-266 Determination of colorants in flour by LC/MS-MS
	Flours of livestock and avian origin	Decoquinatate, Diclazuril, Halofuginone, Robenedine, Narazine, Nicarbazine, Ac. Lasalocid, Maduramicin, Monensin, Salinomycin	PE-659 Coccidiostats by LC/MS-MS
Food – Sampling	Fish and Molluscs	Sampling of hydrobiological products	PICH-222 Sampling of Hydrobiological products. Based on: NCh43: 1961, Selection of samples at random. Manual of Safety and Certification.
	Fish	Fractionation of fish in terrain	PICH-223 Fractionation of fish in terrain. Based on: NCh43: 1961, Selection of samples at random. Manual of Safety and Certification.



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Food – Sampling (continued)	Salmon	Sampling of Salmonids	PICH-224 Sampling of Salmonids. Based on: NCh43: 1961, Selection of samples at random. Manual of Safety and Certification.
Safety	Toys; School supplies	Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Antimony, Selenium	PC-332 Metals in toys and school supplies by ICP-OES/MS
	Toys; School supplies	Toluene	PC-331 Determination of toluene in toys and school supplies
	Toys; School supplies	Ignitability Test	PC-344 Determination of ignitability
	Toys; School supplies	Phthalates: Di(2-ethylhexil)ftalato (DEHP), Dibutilftalato (DBP), Butilbencilftalato (BBP), Diisonoilftalato (DINP), Diisodecilftalato (DIDP), Di-n-octilftalato (DNOP)	EN 14372: 2004 Child use and care articles
	Toys; School supplies	Nitrosamines: N-nitrosodibenzylamine, N-nitrosodibutylamine, N-nitrosodiethanolamine, N-nitrosodiethylamine, N-nitrosodiisobutylamine, N-nitrosodiisononylamine, N-nitrosodiisopropylamine, N-nitrosodimethylamine, N-nitrosodipropylamine, N-nitrosomorpholine, N-nitrosopiperidine	PC-355 Nitrosamines in PVC by LC-MS/MS based on EN 71-12: 2013 N-Nitrosamines and N-Nitrosatable Substances in Toys
	Toys; School supplies	Total Lead	ASTM D3335-85A Low Concentrations of Lead in Paint
Mining – Geochem	Minerals; Soil	Abrasion pH	PE-990 Determination of abrasion pH
	Minerals; Soil	Oxidation pH	PE-991 Determination of oxidation pH
	Minerals; Soil	Sample preparation	PE-4017 Preparation of mineral sample
	Minerals; Soil	Neutralization Potential (NP)	PE-4402 Determination of neutralization potential (NP)
	Minerals; Soil	Neutralization Potential Modification LAWRENCE & WANG	PE-4403 Neutralization potential modification LAWRENCE & WANG
	Minerals; Soil	Fizz Rating Test	PE-4409 Fizz Rating
	Minerals; Soil	Paste pH	PE 4416 Paste pH
	Minerals; Soil	Net Acid Generation (NAG)	PE-4413 Net acid generation (NAG)
	Minerals; Soil	Redox	SMEWW 2580-A Oxidation – Reduction Potential (ORP) (22nd Edition)
	Minerals; Soil	Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Sn, Sr, Te, Ti, Tl, V, Zn	PE-4006 Minerals metals by ICP



SCOPE OF ACCREDITATION

Mining – Geochem (continued)	Geochem; Mining in Soils; Minerals <i>(Shake Flask Test (SFT))</i>	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	PE-4414 Shake Flask Test, Solubility Testing PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Geochem; Mining in Soils; Minerals <i>(Shake Flask Test (SFT))</i>	Total alkalinity and bicarbonate (CaCO ₃)	PE-4414 Shake Flask Test, Solubility Testing SMEWW 2330 B Alkalinity Titration Method (22nd Edition)
	Geochem; Mining in Soils; Minerals <i>(Shake Flask Test (SFT))</i>	Chlorides	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500 Cl- B Argentometric Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals <i>(Shake Flask Test (SFT))</i>	Fluorides	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500 F- C Ion Selective Electrode Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals <i>(Shake Flask Test (SFT))</i>	Nitrates	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500 NO ₃ - D Nitrate Electrode Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography



SCOPE OF ACCREDITATION

Mining – Geochem (continued)	Geochem; Mining in Soils; Minerals (<i>Shake Flask Test (SFT)</i>)	Nitrites	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500 NO ₂ - B Colorimetric Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (<i>Shake Flask Test (SFT)</i>)	Sulphates	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500 SO ₄ -D Gravimetric Method with Drying of Residue (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (<i>Shake Flask Test (SFT)</i>)	Total Dissolved Solids	PE-4414 Shake Flask Test, Solubility Testing SMEWW 2540 C Total Dissolved Solids Dried (22nd Edition)
	Geochem; Mining in Soils; Minerals (<i>Shake Flask Test (SFT)</i>)	WAD cyanide	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500-CN- F,I Cyanide Selective Electrode Method (22nd Edition)
	Geochem; Mining in Soils; Minerals (<i>Shake Flask Test (SFT)</i>)	Total nitrogen	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500 N B Macro Kjeldahl Method (22nd Edition)
	Geochem; Mining in Soils; Minerals (<i>Shake Flask Test (SFT)</i>)	pH	PE-4414 Shake Flask Test, Solubility Testing SMEWW 4500 H+ B Electrometric Method (22nd Edition)



SCOPE OF ACCREDITATION

Mining – Geochem (continued)	Geochem; Mining in Soils; Minerals (SPLP)	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, Ti, V, Zn, Bi, Sc, Ga, Te, Th, U, V, W	PE-4412 Leaching of inorganic compounds in solid samples PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Geochem; Mining in Soils; Minerals (SPLP)	Chlorides	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 4500 Cl- B Argentometric Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (SPLP)	Fluorides	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 4500 F- C Ion Selective Electrode Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (SPLP)	Nitrates	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 4500 NO3- D Nitrate Electrode Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography



SCOPE OF ACCREDITATION

Mining – Geochem (continued)	Geochem; Mining in Soils; Minerals (SPLP)	Nitrites	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 4500 NO2- B Colorimetric Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (SPLP)	Total nitrogen	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 4500 N B Macro Kjeldahl Method (22nd Edition)
	Geochem; Mining in Soils; Minerals (SPLP)	pH	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 4500 H+ B Electrometric Method (22nd Edition)
	Geochem; Mining in Soils; Minerals (SPLP)	Sulphates	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 4500 SO4- D Gravimetric Method with Drying of Residue (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (SPLP)	Total Dissolved Solids	PE-4412 Leaching of inorganic compounds in solid samples SMEWW 2540 C Total Dissolved Solids Dried (22nd Edition)



SCOPE OF ACCREDITATION

Mining – Geochem (continued)	Geochem; Mining in Soils; Minerals (NAG Extract)	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, Ti, V, Zn, Bi, Sc, Ga, Te, Th, U, V, W	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Geochem; Mining in Soils; Minerals (NAG Extract)	Chlorides	PE-4413 Neto acid generation (NAG) SMEWW 4500 Cl- B Argentometric Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (NAG Extract)	Fluorides	PE-4413 Neto acid generation (NAG) SMEWW 4500 F- C Ion Selective Electrode Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (NAG Extract)	Nitrates	PE-4413 Neto acid generation (NAG) SMEWW 4500 NO3- D Nitrate Electrode Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography



SCOPE OF ACCREDITATION

Mining – Geochem (continued)	Geochem; Mining in Soils; Minerals (NAG Extract)	Nitrites	PE-4413 Neto acid generation (NAG) SMEWW 4500 NO2- B Colorimetric Method (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (NAG Extract)	Total nitrogen	PE-4413 Neto acid generation (NAG) SMEWW 4500 N B Macro Kjeldahl Method (22nd Edition)
	Geochem; Mining in Soils; Minerals (NAG Extract)	pH	PE-4413 Neto acid generation (NAG) SMEWW 4500 H+ B Electrometric Method (22nd Edition)
	Geochem; Mining in Soils; Minerals (NAG Extract)	Sulphates	PE-4413 Neto acid generation (NAG) SMEWW 4500 SO4- D Gravimetric Method with Drying of Residue (22nd Edition) PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Geochem; Mining in Soils; Minerals (NAG Extract)	Total Dissolved Solids	PE-4413 Neto acid generation (NAG) SMEWW 2540 C Total Dissolved Solids Dried (22nd Edition)
Environmental – Inorganic	Drinking water	Total Alkalinity	IT-610 Determination of Alkalinity based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Drinking water	Carbonates	IT-610 Determination of Alkalinity based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Drinking water	Bicarbonates	IT-610 Determination of Alkalinity based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Drinking Water	DBO5	SMEWW 5210 B Biochemical Oxygen Demand 5-Day Bod Test (22nd Edition)
	Drinking Water	COD	SMEWW 5220 D Chemical Oxygen Demand Closed Reflux Colorimetric Method (22nd Edition)
	Drinking water	Free Cyanide	PC-365 based on SMEWW 4500-CN J Colorimetric Method (22nd Edition)
	Drinking water	WAD Cyanide	PC-366 based on SMEWW 4500-CN I Weak Acid Dissociable Cyanide (22nd Edition)
	Drinking water	Total Cyanide	SMEWW 4500-CN E Colorimetric Method (22nd Edition)
	Drinking water	Clorides, Fluorides, Fosfates, Nitrates, Nitrites, Sulfates, Bromides	PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Drinking water	Turbidity	SMEWW 2130 B (22nd Edition) – Turbidity by Nephelometry method
	Drinking water	Hardness	SMEWW 2340B Hardness by Calculation (22nd Edition)
	Drinking water	Langelier Index	SMEWW 2330B Langelier Index (22nd Edition)
	Drinking water	Dissolved: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
	Drinking water	Total: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Drinking water	Dissolved: 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, Ti, V, Zn	PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Drinking water	Total: 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, Ti, V, Zn	PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Drinking water	Odor	PICH-213 based on NCh409/1:2005, NCh410:1996. SMEWW 2170 (22nd Edition)
	Drinking water	Flavor	PICH-214 Based on NCh409/1:2005, NCh410:1996. SMEWW 2170 (22nd Edition).
	Drinking water	Sampling of Drinking Water parameters	PICH-211, based on NCh 409/2:2004, NCh 411/3:2014 and SISS, Manual testing methods for drinking water 2 nd Ed., July 2007
	Surface water; Ground water	Oils and Fats	SMEWW 5520 B Liquid-Liquid Partition Gravimetric Method (22nd Edition)
	Surface water; Ground water	Alkalinity	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Surface water; Ground water	Carbonates	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Surface water; Ground water	Bicarbonates	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Surface water; Ground water	Turbidity	SMEWW 2130 B (22nd Edition) – Turbidity by Nephelometry method
	Surface water; Ground water	Odor	SMEWW 2150 B Threshold Odor Test (22nd Edition)



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Surface water; Ground water	Color	SMEWW 2120 B Visual Comparison Method (22nd Edition)
	Surface water; Ground water	DBO5	SMEWW 5210 B Biochemical Oxygen Demand 5-Day Bod Test (22nd Edition)
	Surface water; Ground water	COD	SMEWW 5220 D Chemical Oxygen Demand Closed Reflux Colorimetric Method (22nd Edition)
	Surface water; Ground water	Kjeldahl nitrogen	SM 4500 Norg D Macro Kjeldahl Method (22nd Edition)
	Surface water; Ground water	Settleable solids	SMEWW 2540 F Settleable Solids (22nd Edition)
	Surface water; Ground water	Total Suspended Solids	SMEWW 2540 D Total Suspended Solids (22nd Edition)
	Surface water; Ground water	Total sulfur	SMEWW 4500 S-2 G Ion Selective Electrode Method (22nd Edition)
	Surface water; Ground water	Total Solids	SMEWW 2540 B Total Solids Dried at 103-105°C (22nd Edition)
	Surface water; Ground water	Surface active agents	ISO 696:1975 Surface active agents -- Measurement of foaming power -- Modified Ross-Miles method
	Surface water; Ground water	Free Cyanide	PC-365 based on SMEWW 4500-CN J Colorimetric Method (22nd Edition)
	Surface water; Ground water	WAD Cyanide	PC-366 SMEWW 4500-CN I Weak Acid Dissociable Cyanide (22nd Edition)
	Surface water; Ground water	Total Cyanide	SMEWW 4500-CN E Colorimetric Method (22nd Edition)
	Surface water; Ground water	Clorides, Fluorides, Fosfates, Nitrates, Nitrites, Sulfates, Bromides	PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Surface water; Ground water	Dissolved: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
	Surface water; Ground water	Total: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
	Surface water; Ground water	Dissolved: 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	PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Surface water; Ground water	Total: 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	PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Surface water; Ground water	Hardness	SMEWW 2340B Hardness by Calculation (22nd Edition)
	Surface water; Ground water	Langelier Index	SMEWW 2330B Langelier Index (22nd Edition)
	Surface water; Ground water	Sodium Adsorption Ratio (RAS)	SMEWW 3120 (22nd Edition)
	Surface water; Ground water	Total Nitrogen	SMEWW 4500N (22nd Edition) Nitrogen
	Surface water; Ground water	Chlorophyll-A	PC-367 based on SMEWW 10200 H Chlorophyll (22nd Edition)
	Surface water; Ground water	Water table measurement	PICH-210, based on NCh 411/11:1998 and NCh411/3:2014
Surface water; Ground water	Sampling of groundwaters parameters	PICH-210, based on NCh 411/11:1998 and NCh411/3:2014	



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Surface water; Ground water	Sampling of Surface water	PICH-211, based on NCh 409/2:2004, NCh 411/3:2014 and SISS, Manual testing methods for drinking water 2 nd Ed., Jul 2007
	Sea water; Saline water	Alkalinity	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Sea water; Saline water	Carbonates	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Sea water; Saline water	Bicarbonates	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Sea water; Saline water	Oils and Fats	SMEWW 5520 B Liquid-Liquid Partition Gravimetric Method (22nd Edition)
	Sea water; Saline water	Color	SMEWW 2120 B Visual Comparison Method (22nd Edition)
	Sea water; Saline water	Odor	SMEWW 2150 B Threshold Odor Test (22nd Edition)
	Sea water; Saline water	DBO5	SMEWW 5210 B Biochemical Oxygen Demand 5-Day Bod Test (22nd Edition)
	Sea water; Saline water	COD	SMEWW 5220 D Chemical Oxygen Demand Closed Reflux Colorimetric Method (22nd Edition)
	Sea water; Saline water	Kjeldahl nitrogen	SMEWW 4500 Norg D Macro Kjeldahl Method (22nd Edition)
	Sea water; Saline water	Nitrate (expressed as NO ₃ and N-NO ₃)	SMEWW 4500 NO ₃ - E Cadmium Reduction Method (22nd Edition)
	Sea water; Saline water	Nitrite (expressed as NO ₂ and N-NO ₂)	SMEWW 4500 NO ₂ - B Ultraviolet Spectrophotometric Screening Method (22nd Edition)
	Sea water; Saline water	Settleable solids	SMEWW 2540 F Settleable Solids (22nd Edition)
	Sea water; Saline water	Total Suspended Solids	SMEWW 2540 D Total Suspended Solids (22nd Edition)



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Sea water; Saline water	Total sulfur	SMEWW 4500 S-2 G Ion Selective Electrode Method (22nd Edition)
	Sea water; Saline water	Total Solids	SMEWW 2540 B Total Solids Dried at 103-105°C (22nd Edition)
	Sea water; Saline water	Turbidity	SMEWW 2130 B (22nd Edition) – Turbidity by Nephelometry method
	Sea water; Saline water	Surface active agents	ISO 696:1975 Surface active agents -- Measurement of foaming power -- Modified Ross-Miles method
	Sea water; Saline water	Free Cyanide	PC-365 based on SMEWW 4500-CN J Colorimetric Method (22nd Edition)
	Sea water; Saline water	WAD Cyanide	PC-366 based on SMEWW 4500-CN I Weak Acid Dissociable Cyanide (22nd Edition)
	Sea water; Saline water	Total Cyanide	SMEWW 4500-CN E Colorimetric Method (22nd Edition)
	Sea water; Saline water	Sodium Adsorption Ratio (RAS)	SMEWW 3120 (22nd Edition)
	Sea water; Saline water	Total: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
	Sea water; Saline water	Dissolved: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
	Sea water; Saline water	Total Nitrogen	SMEWW 4500N Nitrogen (22nd Ed
	Sea water; Saline water	Chlorophyll-A	PC-367 based on SMEWW 10200 H Chlorophyll (22nd Edition)
	Sea water; Saline water	Sampling of Sea and Saline water parameters	PICH-211, based on NCh 409/2: 2004, NCh 411/3: 2014 y SISS, Manual testing methods for drinking water 2 nd Ed., Jul 2007



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Waste water; Process water	Alkalinity	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Waste water; Process water	Carbonates	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Waste water; Process water	Bicarbonates	IT-610 based on SMEWW 2320 B Alkalinity Titration Method (22nd Edition)
	Waste water; Process water	Free Cyanide	PC-365 based on SMEWW 4500-CN J Colorimetric Method (22nd Edition)
	Waste water; Process water	WAD Cyanide	PC-366 based on SMEWW 4500-CN I Weak Acid Dissociable Cyanide (22nd Edition)
	Waste water; Process water	Total Cyanide	SMEWW 4500-CN E Colorimetric Method (22nd Edition)
	Waste water; Process water	Turbidity	SMEWW 2130 B (22nd Edition) – Turbidity by Nephelometry method
	Waste water; Process water	Clorides, Fluorides, Fosfates, Nitrates, Nitrites, Sulfates, Bromides	PE-2090 based on EPA Method 300.1 - Determination of Inorganic anions in drinking water by ion chromatography
	Waste water; Process water	Dissolved: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
	Waste water; Process water	Total: 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	PE-303 based on EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
Waste water; Process water	Dissolved: 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	PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)	



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Waste water; Process water	Total: 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	PE-2107 based on EPA Method 200.7 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Atomic Spectrometry (ICP-AES)
	Waste water; Process water	Oils and Greases	NCH 2313/6:2015 Wastewater - Methods of analysis - Part 6: Determination of oils and greases
	Waste water; Process water	Sampling of Waste and Process water parameters	PICH-212, based on NCh 411/10: 2005 and NCh 411/3: 2014
	Soils; Sludge; Lake Sediment; Marine Sediment; Acuatic Sediment	pH	PEC-001 Determination of pH
	Soils; Sludge; Lake Sediment; Marine Sediment; Acuatic Sediment	Electrical Conductivity	PEC-002 Determination of electrical conductivity
	Soils; Sludge; Lake Sediment; Marine Sediment; Acuatic Sediment	Moisture	PEC-022 Determination of Moisture
	Soils; Sludge; Lake Sediment; Marine Sediment; Acuatic Sediment	Total: 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	PE-325 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)
	Soils; Sludge; Lake Sediment; Marine Sediment; Acuatic Sediment	Total: 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	PE-951 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)



SCOPE OF ACCREDITATION

Environmental – Inorganic (continued)	Soils; Sludge; Lake Sediment; Marine Sediment; Acuatic Sediment	Sampling of soils parameters	PICH-302 Sampling of soils based on ISO 10381-2 : 2002 and NCh 3400:2016
	Soils; Sludge; Lake Sediment; Marine Sediment; Acuatic Sediment	Sampling of Sediments and Sludge parameters	PICH-303 Sampling of Sediments and Sludge based on ISO 5667-12:2004
Environmental – Organic	Drinking water	Pesticides: 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)	PC-204 Determination of pesticide residues, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Drinking water	PAH's: Acenafteno, Acenaftileno, Benzo (a) antraceno, Benzo (a) pireno, Benzo (b) fluoranteno, Benzo (e) pireno, Benzo (g,h,i) perileno, Benzo (k) fluoranteno, Dibenzo (a,h) antraceno, Indeno (1,2,3-c,d) pireno, Pireno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Naftaleno, Antraceno	PC-204 Determination of pesticide residues, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Drinking water	PCB's: PCB n° 101, PCB n° 118, PCB n° 138, PCB n° 153, PCB n° 180, PCB n° 28, PCB n° 52	PC-204 Determination of pesticide residues, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D



SCOPE OF ACCREDITATION

Environmental – Organic (continued)	Drinking water	Total Petroleum Hydrocarbons (TPHs) C5 C6-C10 >C10-C28 >C28-C40 Total Sum >C10-C40 Total Sum C6-C40 Total Sum C5-C40	PE-649 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
	Drinking water	Tetrachloroethene	PC-241 based on EPA 5021 A
	Drinking water	Geosmin MIB (2-Metilisoborneol)	PC-342 Determination of Geosmin and MIB using Solid-Phase Microextraction (SPME) and GC-MS-MS
	Drinking water	Sampling of Drinking Water parameters	PICH-211, based on NCh 409/2: 2004, NCh 411/3: 2014 and SISS, Manual testing methods for drinking water 2 nd Ed., July 2007
	Surface water; Ground waters	Pesticides: 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)	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Surface water; Ground waters	PAH's: Acenafteno, Acenaftileno, Benzo (a) antraceno, Benzo (a) pireno, Benzo (b) fluoranteno, Benzo (e) pireno, Benzo (g,h,i) perileno, Benzo (k) fluoranteno, Dibenzo (a,h) antraceno, Indeno (1,2,3-c,d) pireno, Pireno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Naftaleno, Antraceno	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D



SCOPE OF ACCREDITATION

Environmental – Organic (continued)	Surface water; Ground waters	PCB´s: PCB n° 101, PCB n° 118, PCB n° 138, PCB n° 153, PCB n° 180, PCB n° 28, PCB n° 52	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Surface water; Ground waters	Total Petroleum Hydrocarbons (TPHs): C5 C6-C10 >C10-C28 >C28-C40 Total Sum >C10-C40 Total Sum C6-C40 Total Sum C5-C40	PE-649 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
	Surface water; Ground waters	Tetrachloroethene	PC-241 based on EPA 5021 A
	Surface water; Ground waters	Geosmin MIB (2-Metilisoborneol)	PC-342 Determination of Geosmin and MIB using Solid-Phase Microextraction (SPME) and GC-MS-MS´s
	Surface water; Ground waters	Sampling of groundwaters parameters	PICH-210, based on NCh 411/11: 1998 and NCh411/3:2014
	Surface water; Ground waters	Sampling of Surface water	PICH-211, based on NCh 409/2: 2004, NCh 411/3: 2014 and SISS, Manual testing methods for drinking water 2 nd Ed., July 2007
	Sea and Saline water	Pesticides: Alacloro, Aldrín (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)	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D



SCOPE OF ACCREDITATION

Environmental – Organic (continued)	Sea and Saline water	PAH´s: Acenafteno, Acenaftileno, Benzo (a) antraceno, Benzo (a) pireno, Benzo (b) fluoranteno, Benzo (e) pireno, Benzo (g,h,i) perileno, Benzo (k) fluoranteno, Dibenzo (a,h) antraceno, Indeno (1,2,3-c,d) pireno, Pireno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Naftaleno, Antraceno	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Sea and Saline water	PCB´s: PCB n° 101, PCB n° 118, PCB n° 138, PCB n° 153, PCB n° 180, PCB n° 28, PCB n° 52	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Sea and Saline water	Total Petroleum Hydrocarbons (TPHs): C5 C6-C10 >C10-C28 >C28-C40 Total Sum >C10-C40 Total Sum C6-C40 Total Sum C5-C40	PE-649 Determination of Hydrocarbon in a Range C6 C40, Water and Soils by Gas Chromatography – FIDbased on EPA Method 8015 D and Draft TNRCC Method 1006
	Sea and Saline water	Tetrachloroethene	PC-241 based on EPA 5021 A
	Sea and Saline water	Sampling of Sea and Saline water parameters	PICH-211, based on NCh 409/2: 2004, NCh 411/3: 2014 y SISS, Manual testing methods for drinking water 2 nd Ed., July 2007



SCOPE OF ACCREDITATION

Environmental – Organic (continued)	Waste and Process water	Pesticides: 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)	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Waste and Process water	PAH's: Acenafteno, Acenaftileno, Benzo (a) antraceno, Benzo (a) pireno, Benzo (b) fluoranteno, Benzo (e) pireno, Benzo (g,h,i) perileno, Benzo (k) fluoranteno, Dibenzo (a,h) antraceno, Indeno (1,2,3-c,d) pireno, Pireno, Criseno, Fenantreno, Fluoranteno, Fluoreno, Naftaleno, Antraceno	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Waste and Process water	PCB's: PCB n° 101, PCB n° 118, PCB n° 138, PCB n° 153, PCB n° 180, PCB n° 28, PCB n° 52	PC-204 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Waste and Process water	Total Petroleum Hydrocarbons (TPHs): C5 C6-C10 >C10-C28 >C28-C40 Total Sum >C10-C40 Total Sum C6-C40 Total Sum C5-C40	PE-649 Determination of Hydrocarbon in a Range C6 C40, Water and Soils by Gas Chromatography – FIDbased on EPA Method 8015 D and Draft TNRCC Method 1006
	Waste and Process water	Total Hydrocarbons	NCh 2313/7: 1997 Wastewater - Test methods - Part 7: Determination of total hydrocarbons



SCOPE OF ACCREDITATION

Environmental – Organic (continued)	Waste and Process water	Fixed Hydrocarbons	NCh 2313/7:1997 Wastewater - Test methods - Part 7: Determination of total hydrocarbons
	Waste and Process water	Volatile Hydrocarbons	NCh 2313/7:1997 Wastewater - Test methods - Part 7: Determination of total hydrocarbons
	Waste and Process water;	Tetrachloroethene	PC-241 based on EPA 5021 A
	Waste and Process water	Sampling of Waste and Process water parameters	PICH-212 Sampling of Waste and Process water based on NCh 411/10:2005 and NCh 411/3:2014
	Soils; Lake Sediment; Marine Sediment; Acuatic Sediment	PCBs: PCB n° 101, PCB n° 118, PCB n° 138, PCB n° 153, PCB n° 180, PCB n° 28, PCB n° 52	PC-205 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Soils; Lake Sediment; Marine Sediment; Acuatic Sediment	Pesticides: 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, Trifluoralin, Vinclozolina (SP)	PC-205 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D
	Soils; Lake Sediment; Marine Sediment; Acuatic Sediment	PAH´s 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	PC-205 Determination of pesticide residue, Polycyclic Aromatic Hydrocarbons and polychlorinated biphenyls using GC-MS-MS based on EPA Method 8270 D



SCOPE OF ACCREDITATION

Environmental – Organic (continued)	Soils; Lake Sediment; Marine Sediment; Acuatic Sediment	Total Petroleum Hydrocarbons (TPHs): C5 C6-C10 >C10-C28 >C28-C40 Total Sum >C10-C40 Total Sum C6-C40 Total Sum C5-C40	PE-649 Determination of Hydrocarbon in a Range C6 C40, Water and Soils by Gas Chromatography – FIDbased on EPA Metthod 8015 D and Draft TNRCC Method 1006
Air Quality	Air Quality	Air Quality metals in filter Aluminium; Arsenic; Barium; Beryllium; Cadmiun; Calcium; Cobalt; Copper; Chrome; Iron; Magnesium; Manganese; Molybdenum; Nickel; Silver; Lead; Potassium; Sodium; Talio; Zinc	PC-230 Determination of Heavy Metals by ICP PE 132 Microwave Digestion of Samples
	Air Quality	Particulate Matter by Gravimetry in Filters	PC-330 Weighing Filters high Volume (Hi-VOL) – For air Quality tests only