

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** **Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs**

**Location Name or Operating as (if applicable):** Centre d'expertise en analyse environnementale du Québec

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<b>SCC File Number:</b>	15385
<b>Provider:</b>	BNQ-EL
<b>Provider File Number:</b>	45814-2
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Chemical/Physical
<b>Program Specialty Area:</b>	Environmental Testing (ET)
<b>Initial Accreditation:</b>	1999-12-17
<b>Most Recent Accreditation:</b>	2023-09-21
<b>Accreditation Valid to:</b>	2027-12-17

*Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.*

*Note: This scope of accreditation is also available in French as a separately issued document.*

### SCC Group Accreditation:

This laboratory is a part of a Group Accreditation with the following facility in accordance with SCC's policy on Group Accreditation documented in the Accreditation Services Accreditation Program Overview.

- Centre d'expertise en analyse environnementale du Québec, 2700, rue Einstein, Québec (Québec) G1P 3W8

## ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

### Environmental:

(Characterization and quantification analysis in inorganic chemistry and organic chemistry, including highly toxic contaminants in various environmental media (water, air, soil) and in releases (gas, liquid, and solid))

### Inorganic chemistry

MA. 100 - Gran. 2.0	Determination of particle size (solids)
MA. 100 - Lix.com. 1.1	Leaching protocol for inorganic species (solids)
MA. 100 - Mas.Vol. 1.0	Determination of the density of agricultural soil: gravimetric method
MA. 100 - Part. 1.0	Determination of particles: gravimetric method (filters and gauges for atmospheric emissions and ambient air sampling)
MA. 100 - pH 1.1	Determination of pH: electrometric method (aqueous and solid samples)
MA. 100 - S.T. 1.1	Determination of total solids and total volatile solids: gravimetric method (liquids and slurries)
MA. 108 - Cor. 2.1	Determination of corrosiveness: gravimetric method (liquids and solids)
MA. 108 - Corps étrangers	Determination of quantity of foreign matter in solid: gravimetric method
MA. 108 - P.Cal. 1.1	Determination of calorific value: combustion method with a calorimetric bomb (oils and hazardous waste)
MA. 110 - ACISOL 1.0	Determination of the neutralizing capacity, acid generating potential and acidogenic potential of solid
MA. 110 - C. neu 1. 0	Determination of the neutralization capacity of solid waste
MA. 110 - L. lib. 1.0	Determination of the presence of free liquid in solid waste: gravimetric method
MA. 115 - Cond. 1.1	Determination of conductivity: electrometric method (waters and solids)
MA. 115 - S.D. 1.0	Determination of total dissolved and volatile solids: gravimetric method (aqueous samples)
MA. 115 - S.S. 1.2	Determination of total suspended and volatile solids: gravimetric method (waters)

MA. 200 - Mét. 1.2	<p>Determination of metals: argon plasma ionizing source mass spectrometry method</p> <p>Aqueous liquids, soils and solid waste, plant tissues and ambient air: Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sn, Sr, Te, Ti, Tl, U, V, Zn</p> <p>Leachate : As, B, Ba, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Se, U, Zn</p> <p>Oils : Al, As, B, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Ti, V, Zn</p>
MA. 200 - Mét-P ass. 1.0	<p>Determination of assimilable metals and phosphorus: argon plasma ionizing source mass spectrometry method (solids)</p> <p>Al, Ca, Cu, K, Mg, Mn, P, Zn</p>
MA. 200 - M-Ter.rares	<p>Determination of rare earth metals: argon plasma ionizing source mass spectrometry method</p> <p>(aqueous samples, air filters and solids)</p> <p>Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th, Tm, U, Y, Yb</p>
MA. 200 - Spec.Mét. 1.1	<p>Determination of the speciation of antimony, arsenic, chromium and selenium: high pressure liquid chromatography method coupled with argon plasma ionizing source mass spectrometer (waters, soils and air)</p>
MA. 300 - CN 1.2	<p>Determination of cyanides: automated colorimetric method with isonicotinic acid and barbituric acid – manual distillation (aqueous and solids samples)</p>
MA. 300 - F 1.2	<p>Determination of fluorides: colorimetric method after distillation (solids, liquids, air and plant tissues)</p>
MA. 300 - Hal-Sou 1.0	<p>Determination of total halogens and sulfur: combustion method with a calorimetric bomb, followed by quantification by ion chromatography (oils, organic solid and liquid waste)</p>
MA. 300 - Ions 1.3	<p>Determination of anions: ion chromatography method</p> <p>Aqueous liquids: Bromide, Chloride, Reduced sulfur compounds, Sulfur dioxide, Nitrates, Nitrites, Sulfates</p> <p>Solids: extractable bromide, extractable chloride, extractable sulfates</p> <p>Solids and liquids waste: leached nitrates, leached nitrites</p>
MA. 300 - N. 2.0	<p>Determination of ammoniacal nitrogen: automated colorimetric method with sodium salicylate (liquid samples, solids and ambient air)</p>
MA. 300 - NO3 2.0	<p>Determination of nitrates and nitrites: automated colorimetric method with hydrazine sulfate and NED (liquids and solids)</p>
MA. 300 - NTPT 2.0	<p>Determination of total Kjeldahl nitrogen and total phosphorus: acid digestion - automated colorimetric method (liquids and solids)</p>
MA. 300 - P. Ino. 2.0	<p>Determination of total inorganic phosphorus: automated colorimetric method with ammonium molybdate (liquids and solids)</p>
MA. 300 - S 1.2	<p>Determination of sulfides: colorimetric method with ferric chloride and N,N-Dimethyl-p-phenylenediamine oxalate (liquids and solids)</p>

MA. 301 – SiO <sub>2</sub>	Determination of respirable crystalline silica in air: X-ray diffraction method
MA. 304 - Ions 1.1	Determination of thiocyanates and thiosulfates: ion chromatography method (liquids)
MA. 304 - T.L. 1.1	Determination of tannins and lignins: colorimetric method (aqueous liquids)
MA. 310 - CS 1.0	Determination of carbon and sulfur: combustion method and quantification by infrared spectrophotometry (solids)
MA. 315 - Alc-Aci. 1.0	Determination of alkalinity and acidity: automated titrimetric method (aqueous samples)
MA. 315 - CNO 1.1	Determination of cyanates: ion chromatography method (aqueous samples)
MA. 315 - DBO 1.1	Determination of the biochemical oxygen demand: electrometric method (industrial effluent)
MA. 315 - DCO 1.1	Determination of the chemical oxygen demand: closed reflux system method followed by quantification by colorimetry with potassium dichromate (industrial effluent)
MA. 315 - Hydrazine 1.0	Determination of hydrazine: colorimetric method (aqueous samples)
MA. 400 - COHA	Determination of absorbable organic halogen compounds: combustion method with a calorimetric bomb, followed by quantification by ion chromatography (aqueous samples)
MA. 400 - Hal 1.1	Determination of total organic halogens: combustion method with a calorimetric bomb, followed by quantification by ion chromatography (organic liquids and solids)
MA. 404 - I.Phé. 2.2	Determination of phenolic compounds (phenol index): automated colorimetric method with 4-aminoantipyrine (waters)
MA. 405 - C 1.1	Determination of total organic carbon in solids: quantification by titration

### Organic chemistry

MA. 108 - P.E. 1.1	Determination of the flash point temperature using the Pensky-Martens (closed cup) technique (liquids)
MA. 400 - BPCHR 1.0	<p>Determination of polychlorinated biphenyls (congener): quantification by gas chromatography coupled with a mass spectrometer (wastes, surface waters, drinking water, industrial effluents, aqueous waste, soils, sediments, solid waste, ambient air, atmospheric emissions, biological and plant tissues)</p> <p>Cl<sub>3</sub> – IUPAC # 17  Cl<sub>3</sub> – IUPAC # 18  Cl<sub>3</sub> – IUPAC # 28  Cl<sub>3</sub> – IUPAC # 31  Cl<sub>3</sub> – IUPAC # 33  Cl<sub>4</sub> – IUPAC # 44</p>

	Cl <sub>4</sub> – IUPAC # 49 Cl <sub>4</sub> – IUPAC # 52 Cl <sub>4</sub> – IUPAC # 70 Cl <sub>4</sub> – IUPAC # 74 Cl <sub>5</sub> – IUPAC # 82 Cl <sub>5</sub> – IUPAC # 87 Cl <sub>5</sub> – IUPAC # 95 Cl <sub>5</sub> – IUPAC # 99 Cl <sub>5</sub> – IUPAC # 101 Cl <sub>5</sub> – IUPAC # 105 Cl <sub>5</sub> – IUPAC # 110 Cl <sub>5</sub> – IUPAC # 118 Cl <sub>6</sub> – IUPAC # 128 Cl <sub>6</sub> – IUPAC # 132 Cl <sub>6</sub> – IUPAC # 138 Cl <sub>6</sub> – IUPAC # 149 Cl <sub>6</sub> – IUPAC # 151 Cl <sub>6</sub> – IUPAC # 153 Cl <sub>6</sub> – IUPAC # 156 Cl <sub>6</sub> – IUPAC # 158 Cl <sub>6</sub> – IUPAC # 169 Cl <sub>7</sub> – IUPAC # 170 Cl <sub>7</sub> – IUPAC # 171 Cl <sub>7</sub> – IUPAC # 177 Cl <sub>7</sub> – IUPAC # 180 Cl <sub>7</sub> – IUPAC # 183 Cl <sub>7</sub> – IUPAC # 187 Cl <sub>7</sub> – IUPAC # 191 Cl <sub>8</sub> – IUPAC # 194 Cl <sub>8</sub> – IUPAC # 195 Cl <sub>8</sub> – IUPAC # 199 Cl <sub>8</sub> – IUPAC # 205 Cl <sub>9</sub> – IUPAC # 206 Cl <sub>9</sub> – IUPAC # 208 Cl <sub>10</sub> – IUPAC # 209
MA. 400 - Clbz 1.0	Determination of chlorobenzenes: quantification by gas chromatography coupled with a mass spectrometer (waters, solid matters, organic liquid matters, atmospheric emissions (resin))  1,2,3,4-Tetrachlorobenzene 1,2,3,5-Tetrachlorobenzene 1,2,3-Trichlorobenzene 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,3,5-Trichlorobenzene Hexachlorobenzene Pentachlorobenzene
MA. 400 - D.F. 1.1	Determination of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans: quantification by gas chromatography coupled with a high resolution mass spectrometer (waters, solids, ambient air, atmospheric emissions, biological and plant tissues)  1,2,3,4,6,7,8 - HpCDD

	1,2,3,4,6,7,8 - HpCDF 1,2,3,4,7,8,9 - HpCDF 1,2,3,4,7,8 - HxCDD 1,2,3,4,7,8 - HxCDF 1,2,3,6,7,8 - HxCDD 1,2,3,6,7,8 - HxCDF 1,2,3,7,8,9 - HxCDD 1,2,3,7,8,9 - HxCDF 1,2,3,7,8 - PeCDD 1,2,3,7,8 - PeCDF 2,3,4,6,7,8 - HxCDF 2,3,4,7,8 - PeCDF 2,3,7,8 - TCDD 2,3,7,8 - TCDF OCDD OCDF
MA. 400 - Glycols	Determination of glycols by gas chromatography coupled with a mass spectrometer (liquids and solids) 1,3-Butanediol 1,3-Propanediol 1,4-Butanediol 1,5-Pentanediol 1,6-Hexanediol 1-Methoxy-2-propanol 2-Butoxyethanol 2-Ethoxyethanol 2-Methoxyethanol Diethylene glycol Ethylene glycol Neopentyl glycol Propylene glycol Triethylene glycol Tetraethylene glycol
MA. 400 - HAP 1.1	Determination of polycyclic aromatic hydrocarbons: quantification by gas chromatography coupled with a mass spectrometer (solids, liquids and air) 1,3-Dimethylnaphtalene 1-Chloronaphtalene 1-Methylnaphtalene 1-Nitropyrene 2-Chloronaphtalene 2-Methyl chrysene 2-Methyl fluoranthene 2-Methylnaphtalene 2,3,5-Trimethylnaphtalene 3-Methylcholanthrene 3-Methyl chrysene 4-Methyl chrysene 5-Methyl chrysene 6-Methyl chrysene 7,12-Dimethylbenzo(a)anthracene

	7H-Dibenzo(c,g)carbazole Acenaphthylene Acenaphthene Anthracene Anthanthrene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(c)acridine Benzo(c)phenanthrene Benzo(e)pyrene Benzo(g,h,i)perylene Benzo(j)fluoranthene Benzo(k)fluoranthene Carbazole Chrysene Coronene Dibenzo(a,c)anthracene Dibenzo(a,e)fluoranthene Dibenzo(a,e)pyrene Dibenzo(a,h)acridine Dibenzo(a,h)anthracene Dibenzo(a,i)anthracene Dibenzo(a,h)pyrene Dibenzo(a,i)pyrene Dibenzo(a,l)pyrene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphtalene Perylene Phenanthrene Pyrene
MA. 400 - HAP Alkylés	Determination of alkylated polycyclic aromatic hydrocarbons: quantification by gas chromatography coupled with a mass spectrometer (solids, liquids and air)  1,2,5,6-Tetramethylnaphtalene 1,2,6,9-Tetramethylphenanthrene 1,2,6-Trimethylphenanthrene 1,2,8-Trimethylphenanthrene 1,2-Dimethylnaphtalene 1,3 + 1,6-Dimethylnaphtalene 1,4,5-Trimethylnaphtalene 1,4,6,7-Tetramethylnaphtalene 1,4-Dimethylnaphtalene 1,4-Dimethylantracene 1,5-Dimethylnaphtalene 1,7-Dimethylfluorene 1,7-Dimethylnaphtalene 1,8-Dimethylphenanthrene 1-Ethylnaphtalene 1-Methylfluorene

	1-Methylnaphtalene 1-Methylphenanthrene 1-Methylpyrene 2,3,5-Trimethylnaphtalene 2,3,6 + 1,4,6-Trimethylnaphtalene 2,4,7-Trimethyldibenzothiophene 2,6-Dimethylnaphtalene 2,7-Dimethylnaphtalene 2,8-Dimethyldibenzothiophene 2-Methylbiphenyl 2-Methylchrysene 2-Methyldibenzothiophene 2-Methylfluoranthene 2-Methylnaphtalene 2-Methylphenanthrene 2-Ethylaphtalene 2-Methylanthracene 3,3'-Dimethylbiphenyl 3,6-Dimethylphenanthrene 3-Methylbiphenyl 3-Methylcholanthrene 3-Methylchrysene 4,6-Dimethyldibenzothiophene 4-Methylbiphenyl 4-Methylchrysene 4-Methyldibenzothiophene 5-Methylchrysene 6-Methylchrysene 7,12-Dimethylbenz(a)anthracene 7-Methylbenzo(a)pyrene 7H-Dibenzo(c,g)carbazole 8-Methylbenzo(a)pyrene 9-Methylanthracene 9-Methylbenzo(a)pyrene 9-Methylphenanthrene Acenaphthylene Acenaphthene Anthracene Anthanthrene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(c)acridine Benzo(c)phenanthrene Benzo(e)pyrene Benzo(g,h,i)perylene Benzo(a)pyrene Benzo(j)fluoranthene Benzo(k)fluoranthene Biphenyl Carbazole Chrysene Coronene Dibenz(a,c)anthracene
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	Dibenz(a,h)anthracene Dibenzo(a,e)fluoranthene Dibenzo(a,e)pyrene Dibenzo(a,h)acridine Dibenzo(a,h)pyrene Dibenzo(a,i)anthracene Dibenzo(a,i)pyrene Dibenzo(a,l)pyrene Dibenzothiophene Fluoranthene Fluorene Indeno(1,2,3-cd)pyrene Naphtalene Perylene Phenanthrene Pyrene Retene
MA. 400 - HYD. 1.1	Determination of petroleum hydrocarbons (C <sub>10</sub> to C <sub>50</sub> ): quantification by gas chromatography coupled with a flame ionization detector (liquids, solids, hazardous materials)
MA. 400 - PBDE	Determination of polybrominated diphenyl ethers: quantification by gas chromatography coupled with a mass spectrometer (liquids, solids, ambient air, biological and plant tissues)  a-DP ATE BATE BTBPE DPTE HBB HCBCO (DBHCTD) IUPAC-17 IUPAC-28 IUPAC-47 IUPAC-49 IUPAC-66 IUPAC-71 IUPAC-77 IUPAC-85 IUPAC-99 IUPAC-100 IUPAC-119 IUPAC-126 IUPAC-138 IUPAC-153 IUPAC-154 IUPAC-156 IUPAC-183 IUPAC-184 IUPAC-191 IUPAC-196 IUPAC-197

	IUPAC-206 IUPAC-207 IUPAC-209 PBB-153 PBEB pBT s-DP
MA. 400 - Phé 1.0	Determination of phenolic compounds: quantification by gas chromatography coupled with a mass spectrometer after derivation with acetic anhydride (solids, atmospheric emissions, aqueous liquids)  2,3,4,5-Tetrachlorophenol 2,3,4,6-Tetrachlorophenol 2,3,5,6-Tetrachlorophenol 2,3,4-Trichlorophenol 2,3,5-Trichlorophenol 2,3,6-Trichlorophenol 2,3-Dichlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4+2,5-Dichlorophenol 2,4-Dimethylphenol 2,6-Dichlorophenol 2-Chlorophenol 2-Nitrophenol 3,4,5-Trichlorophenol 3,4,5-Trichloroguaiacol* 3,4,5-Trichloroveratrol* 3,4,5-Trichlorocatechol* 3,4,5-Trichlorosyringol* 3,4-Dichlorophenol 3,5-Dichlorocatechol* 3,5-Dichlorophenol 3-Chlorophenol 4,5,6-Trichloroguaiacol* 4,5-Dichlorocatechol* 4,5-Dichloroguaiacol* 4,5-Dichloroveratrole* 4,6-Dichloroguaiacol* 4-Chlorocatechol* 4-Chloroguaiacol* 4-Chloro-3-methylphenol* 4-Chlorophenol 4-Nitrophenol 5,6-Dichlorovanilline* 6-Chlorovanilline* Catechol* Eugenol* Guaiacol* Iso-eugenol* m-Cresol o-Cresol p-Cresol

	Pentachlorophenol Phenol Tetrachlorocatechol* Tetrachloroguaiacol* Tetrachloroveratrol* <i>* Only for aqueous samples</i>
MA. 401 - ALD-Tube 1.0	Determination of aldehydes in ambient air sampled on DNPH tube: derivation into a hydrazone type compound and quantification by gas chromatography coupled with a mass spectrometer  2-Butanone 2-Butenal 2,5-Dimethylbenzaldehyde Acetaldehyde Acetone Acroleine Benzaldehyde Butanal Formaldehyde Hexaldehyde Isovaleraldehyde Metacroleine o + m-Tolualdehyde Pentanal Propanal p-Tolualdehyde
MA. 401 - COV-Canister (68) 1.0	Determination of volatile organic compounds in ambient air collected with canisters: quantification by gas chromatography coupled with a mass spectrometer  1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2,4-Trimethylbenzene 1,2,4-Trichlorobenzene 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,2-Dichloro-1,1,2,2-tetrafluoroethane 1,3,5-Trimethylbenzene 1,3-Butadiene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dioxane 1-Ethyl-4-methylbenzene 1-Propene 2-Butanone 2-Hexanone (methylbutylcetone,MBK)

	2-Methoxy-2-methyl-propane 2-Propanol 2-Propanone (acetone) Acroleïne (2-propenal) Benzene Benzyl chloride Bromomethane Bromodichloromethane Carbonyl sulfide Chlorobenzene Carbone disulfide Chloroethane Chloroethene Chloromethane Chloroforme (trichloromethane) cis-1,2-Dichloroethene cis-1,3-Dichloropropene Cyclohexane Dibromochloromethane Dichlorodifluoromethane Dichloromethane Dimethyl disulfide Dimethyl sulfide Ethyl acetate Ethylbenzene Hexachloro-1,3-butadiene Heptane Hexane Hydrogen sulfide Methyl isobutyl cetone (MIBK) Methyl mercaptan m-Xylene o-Xylene p-Xylene Tetrachloroethene Tetrachlorure de carbone Tetrahydrofurane trans-1,2-Dichloroethene trans-1,3-Dichloropropene Tribromomethane (bromoforme) Trichloroethene Trichlorofluoromethane Toluene Styrene Vinyl acetate
MA. 401 - COV-Tubes-Tenax 1.0	Determination of volatile organic compounds in ambient air collected on Tenax tubes: thermal desorption of the tubes followed by quantification by gas chromatography coupled with a mass spectrometer  1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethene

	1,1,2-Trichloro 1,2,2-trifluoroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloropropene 1,1-Dimethylethylbenzene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3,5-Trimethylbenzene 1,3-Dichlorobenzene 1,3-Dichloropropane 1,4-Dichlorobenzene 1,4-Dioxane 1-Chloro-2-methylbenzene 1-Chloro-4-methylbenzene 1-Methylpropylbenzene 2,2-Dichloropropane 2-Butanone 2-Chloro-1,3-butadiene (chloroprene) 2-Chloroethyl vinyl ether 3-Chloropropene (Allyl chloride) Acetone (methyl cetone) Acrylonitrile Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Chlorobenzene Chloroform (Trichloromethane) Cis-1,2 dichloroethene Cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichloromethane Ehtyl acetate Ethylbenzene Hexachlorobutadiene Hexane Isopropylbenzene Methyl acetate m-Xylene Naphtalene n-Butylbenzene n-Propylbenzene o-Xylene
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	<p>p-Isopropyltoluene p-Xylene Styrene Tetrachlorure de carbone Toluene (Methyl benzene) Trans-1,2-dichloroethene Trans-1,3-Dichloropropene Trichloroethene Trichlorofluoromethane</p>
MA. 402 -Barboteur	<p>Determination of semi-volatile organic compounds present in bubblers: quantification by gas chromatography coupled with mass spectrometry, equipped with a headspace type sampler</p> <p>4-methyl-2-pentanone (methylisobutylcetone) Acetaldehyde Acetone Acroleine O-pentafluorophenylmethyl-oxime Ethanol Formaldehyde O-pentafluorophenylmethyl-oxime Methanol Methyl ethyl cetone (butanone) PFBHA Phenol Propanal</p>
MA. 402 - COV 1.1	<p>Determination of volatile organic compounds in releases into the atmosphere (VOST): thermal desorption followed by quantification by gas chromatography coupled with a mass spectrometer</p> <p>1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethene 1,1,2-Trichloro 1,2,2-trifluoroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloropropene 1,1-Dimethylethylbenzene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3,5-Trimethylbenzene 1,3-Dichlorobenzene 1,3-Dichloropropane 1,4-Dichlorobenzene 1,4-Dioxane 1-Chloro-2-methylbenzene</p>

	1-Chloro-4-methylbenzene 1-Methylpropylbenzene 2,2-Dichloropropane 2-Butanone 2-Chloro-1,3-butadiene (chloroprene) 2-Chloroethyl vinyl ether 3-Chloropropene (Allyl chloride) Acetone (methyl cetone) Acrylonitrile Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Chlorobenzene Chloroform (Trichloromethane) Cis-1,2 dichloroethene Cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichloromethane Ehtyl acetate Ethylbenzene Hexachlorobutadiene Hexane Isopropylbenzene Methyl acetate m-Xylene Naphtalene n-Butylbenzene n-Propylbenzene o-Xylene p-Isopropyltoluene p-Xylene Styrene Tetrachlorure de carbone Toluene (Methyl benzene) Trans-1,2-dichloroethene Trans-1,3-Dichloropropene Trichloroethene Trichlorofluoromethane
MA. 405 - Formaldehyde	Determination of formaldehyde by gas chromatography coupled with a mass spectrometer (solids)
MA. 413 - Halocarbure	Determination of halocarbons in pressurized samples by gas chromatography coupled with two detectors: flame ionization and mass spectrometry (liquid waste)  1,1,1-Trifluoroethane 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1-Dichloro-1-fluoroethane 1,1-Difluoroethane 1-Chloro-1,1-difluoroethane

	2-Chloro-1,1,1,2-tetrafluoroethane 2,2-Dichloro-1,1,1-trifluoroethane Chlorodifluoromethane Dichlorodifluoromethane Pentafluoroethane Tetrafluoroethane Trichlorofluoromethane
MA. 414 - Aci-g-r 1.0	Determination of fatty and resin acids: quantification by gas chromatography coupled with a mass spectrometer after derivation with BSTFA (pulp and paper effluents)  Abietic acid Chlorodehydroabietic-I acid Chlorodehydroabietic-II acid Dehydroabietic acid Dichlorodehydroabieticacid Dichlorostearic acid Isopimaric acid Levopimaric acid Linoleic acid Linolenic acid Neoabietic acid Oleic acid Palmitic acid Palmitoleic acid Palustric acid Pimaric acid Sandaracopimaric acid Stearic acid
MA. 415 - HGT 2.0	Determination of oils and greases in water: gravimetric method

Number of Scope Listings: 60

**Notes:**

**ISO/IEC 17025:2017:** General Requirements for the Competence of Testing and Calibration Laboratories

**MA:** CEAEQ internal analysis method



This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc.ca](http://www.scc.ca).

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Elias Rafoul  
Vice-President, Accreditation Services  
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