

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 416

Legal Name of Accredited Laboratory: Institut national de santé publique du Québec, Centre de toxicologie du Québec

Location Name or Operating as (if applicable): Laboratoire de toxicologie

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| SCC File Number: | 15524 |
| Provider: | BNQ-EL |
| Provider File Number: | 26953-1 |
| Accreditation Standard(s): | ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories |
| Fields of Testing: | Chemical/Physical |
| Initial Accreditation: | 2001-10-26 |
| Most Recent Accreditation: | 2021-04-04 |
| Accreditation Valid to: | 2025-10-26 |

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.

MEDICAL

Toxicology:

(Elements and Trace Metals)

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| M186 | Analytical method for the determination of fluorine in urine by combined electrode |
| M-581 | Analytical method for the determination of aluminum in plasma and serum with an atomic absorption spectrometer and Zeeman correction, model AAnalyst 600 |
| M-592 | Analytical method for the determination of metals and other elements in blood by inductively coupled plasma mass spectrometry (ICP-MS), NexION 300S |
| M-593 | Analytical method for the determination of metals and other elements in urine by inductively coupled plasma mass spectrometry (ICP-MS), NexION 300S |
| M-611 | Analytical method for the determination of boron in urine by inductively coupled plasma- tandem mass spectrometry (ICP-MS-MS), Agilent 8800 |
| M-612 | Analytical method for the determination of arsenic species in urine by high performance liquid chromatography (HPLC) Waters Acquity coupled to inductively coupled plasma mass spectrometry (ICP-MS) NexION 350S (HPLC-ICP-MS) |
| M-619 | Analytical method for the determination of copper and iron in liver biopsies using inductively coupled plasma tandem mass spectrometry (ICP-MS-MS) |
| M-628 | Analytical method for the determination of essential elements in serum by inductively coupled plasma mass spectrometry NexION 350D (ICP-MS) |

(Organic Contaminants)

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| E-430 | Analytical method for the determination of cyanide in blood by GC-MS |
| E-446 | Analytical method for the determination of polychlorinated biphenyl congeners, polybrominated congeners, toxaphenes congeners and organochlorinated pesticides in plasma by GC-MS |
| E-490 | Analytical method for the determination of phthalates metabolites in urine by UPLC-MS-MS |
| E-491 | Analytical method for the determination of pyrethroid metabolites in urine by GC-MS |
| E-495 | Analytical method for the determination of alkylphosphates in urine by GC-MS-MS |
| E-501 | Analytical method for the determination of perfluorinated compounds (PFC) in serum/plasma by UPLC-MS-MS |
| E-505 | Analytical method for the determination of BPA and its analogue compounds and Triclosan in urine by UPLC-MS-MS |
| E-509 | Analytical method for the determination of glyphosate, glufosinate and their metabolites in urine by UPLC-MS-MS |

(Pharmaceuticals and drugs of abuse)

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| C-247 | Analytical method for drug screening in biological specimen by GC-MS |
| C-414 | Analytical method for the determination of total opiates in urine by GC-MS |
| C-558 | Analytical method for the determination of alcohols and acetone in biological fluid by GC-MS coupled to Headspace |
| C-571 | Analytical method for the determination of drugs of abuse in urine by HPLC-MS-MS |

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| C579 | Analytical method for the determination of antineoplastics in urine by UPLC-MS-MS |
| C-594 | Analytical method for the screening of xenobiotics and their metabolites in urine, whole blood, serum and fluids by UPLC-MS-MS |
| C-601 | Analytical method for the determination of creatinine in urine with automated analyzer Indiko Plus |
| C-611 | Analytical method for the determination of cotinine in smokers serum by UPLC-MS-MS- Automated method |
| C-612 | Analytical method for the determination of nicotine and its free metabolites in urine by UPLC-MS-MS - Automated method |

Number of Scope Listings: 25

Notes:

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

C-XXX, E-XXX, M-XXX: Internal methods

GC - MS: Gas Chromatography - Mass Spectrometry

HPLC-MS-MS: High Performance Liquid Chromatography tandem Mass Spectrometry

ICP-MS: Inductively Coupled Plasma - Mass Spectrometry

ICP-MS-MS: Inductively Coupled Plasma- tandem Mass Spectrometry (Spectrométrie de masse en tandem avec plasma à couplage induit)

UPLC-MS-MS: Ultra High Performance Liquid Chromatography tandem Mass Spectrometry

GC-MS-MS : Gas Chromatography Tandem Mass Spectrometry

HPLC-ICP-MS : High Performance Liquid Chromatography - Inductively coupled phases - Mass spectrometry

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.

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