



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 2935
Laboratory Name: Laboratory Services Division, University of Guelph
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: August 24, 2017
Valid To: July 22, 2018

Scope of Accreditation

Biosolids (Microbiology)

Cryptosporidium and Giardia - Biosolids (105)
MOL-170; modified from GOULDEN EK, 2003, UNIV. OF GUELPH THESIS, DEPT OF FOOD SCIENCE
PCR
Cryptosporidium parvum
Giardia intestinalis

Solids (Inorganic)

Hydride Metals - Soil/Solid Biosolids (078)
SNL-014; IN-HOUSE
FLAMELESS AAS - DIGESTION
Arsenic
Selenium

Solids (Inorganic)

Mercury - Soil, Solid Biosolids (080)
METALS-002; IN-HOUSE
COLD VAPOUR AA - HOT BLOCK DIGESTION
Mercury

Solids (Inorganic)

Metals - Soil, Biosolids (111)
CHEM-114; modified from EPA 3052 AND 6020 B
ICP/MS
Arsenic
Cadmium
Chromium
Cobalt
Copper

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at http://www.cala.ca/cala_directories.html

Lead
Mercury
Molybdenum
Nickel
Selenium
Zinc

Solids (Inorganic)

Metals - Soil, Solid Biosolids (082)

SNL-013; IN-HOUSE

ICP/OES - DIGESTION

Cadmium

Chromium

Cobalt

Copper

Lead

Molybdenum

Nickel

Zinc

Water (Microbiology)

OSDWA †

Coliforms - Water (083)

MID-137; modified from MOE E3407

MEMBRANE FILTRATION (DC)

Background Counts

Escherichia coli (E. coli)

Total Coliforms

Water (Microbiology)

Cryptosporidium and Giardia - Water, Wastewater, Liquid Biosolids (093)

MOL-170; modified from GOULDEN EK, 2003, UNIVERSITY OF GUELPH THESIS, DEPARTMENT OF FOOD SCIENCE

PCR

Cryptosporidium parvum

Giardia intestinalis

Water (Microbiology)

OSDWA †

Heterotrophic Plate Count (HPC) - Water (084)

MID-142; modified from SM 9215D

MEMBRANE FILTRATION (mHPC)

Heterotrophic Plate Count (HPC)

Water (Microbiology)

OSDWA †

Heterotrophic Plate Count (HPC) - Water (086)

MID-143; modified from SM 9215 C

SPREAD PLATE (PCA AGAR)

Heterotrophic Plate Count (HPC)

Water (Organic)

Acidic Herbicides - Water (107)

CHEM-069; IN-HOUSE

LC-ESI-MS/MS - EXTRACTION

2,4-DB

2,4-Dichlorophenoxyacetic acid

2,4-DP

2,4,5-TP

2,4,5-Trichlorophenoxyacetic acid

Acifluorfen

Bentazon

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Bromoxynil
Chloramben
Clopyralid
Dicamba
Dithiopyr
MCPA
MCPB
MCPP
Picloram
Triclopyr

Water (Organic)

Glyphosate and AMPA - Water (026)
TOPS-120; IN-HOUSE
HPLC/FL - EXTRACTION
Aminomethylphosphonic acid (AMPA)
Glyphosate

Water (Organic)

Pesticides - Water (108)
TOPS-142; IN-HOUSE
LC-ESI-MS/MS - EXTRACTION
Azinphos-methyl
Carbaryl
Carbofuran
Dimethoate
Diuron

Water (Organic)

Pesticides - Water (109)
TOPS-142; IN-HOUSE
GC/MS/MS - EXTRACTION
A -BHC
a - Chlordane
Aldrin
Atrazine
Bendiocarb
Chlorpyrifos (ethyl)
Cyanazine
Diazinon
Dieldrin
Endosulfan I
Endosulfan II
Endrin
g - Chlordane
Heptachlor
Lindane (gamma-BHC)
Malathion
Metolachlor
Metribuzin
Mirex
o,p' - DDT
p,p' - DDT
p,p' Methoxychlor
Parathion (ethyl)
Phorate

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Simazine
Terbufos
Trifluralin

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