



# CALA

Canadian Association for  
Laboratory Accreditation Inc.

## CALA Directory of Laboratories

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**Membership Number:** 2935  
**Laboratory Name:** Laboratory Services Division, University of Guelph  
**Parent Institution:** University of Guelph  
**Address:** 95 Stone Rd. W. Guelph ON N1H 8J7  
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**Standard:** Conforms with requirements of ISO/IEC 17025  
**Clients Served:** All Interested Parties  
**Revised On:** April 18, 2017  
**Valid To:** July 22, 2018

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### 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, Solid Biosolids (082)  
SNL-013; IN-HOUSE  
ICP/OES - DIGESTION  
Cadmium  
Chromium  
Cobalt  
Copper  
Lead

† "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](http://www.cala.ca/cala_directories.html)

Molybdenum  
Nickel  
Zinc

**Water (Microbiology)**

OSDWA †

Coliforms - Water (083)  
MID-137; modified from MOE E3407  
MEMBRANE FILTRATION (DC)  
Background Count  
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  
Bromoxynil  
Chloramben  
Clopyralid  
Dicamba  
Dithiopyr  
MCPA  
MCPB  
MCPB  
MCPB  
Picloram  
Triclopyr

**Water (Organic)**

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

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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

Simazine

Terbufos

Trifluralin

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