



# 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 N1G 2Z4  
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**Standard:** Conforms with requirements of ISO/IEC 17025  
**Clients Served:** All Interested Parties  
**Revised On:** March 7, 2018  
**Valid To:** June 20, 2020

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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)

Metals - Soil, Biosolids (111)  
CHEM-114; IN-HOUSE  
ICP/MS  
Arsenic  
Cadmium  
Chromium  
Cobalt  
Copper  
Lead  
Mercury  
Molybdenum  
Nickel  
Selenium  
Zinc

#### Water (Microbiology)

Coliforms - Water (083)  
MID-137; modified from MOE E3407  
MEMBRANE FILTRATION (DC)  
Background Counts  
Escherichia coli (E. coli)

OSDWA †

† "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)

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)**

Heterotrophic Plate Count (HPC) - Water (084)

MID-142; modified from SM 9215 D

MEMBRANE FILTRATION (mHPC)

Heterotrophic Plate Count (HPC)

OSDWA †

**Water (Microbiology)**

Heterotrophic Plate Count (HPC) - Water (086)

MID-143; modified from SM 9215 C

SPREAD PLATE (PCA AGAR)

Heterotrophic Plate Count (HPC)

OSDWA †

**Water (Organic)**

Acid 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

MCPP

Picloram

Triclopyr

**Water (Organic)**

Glyphosate and Aminomethylphosphonic acid (AMPA) - Water (110)

TOPS-120; IN-HOUSE

LC-MS/MS

Glyphosate

**Water (Organic)**

Pesticides - Water (108)

TOPS-142; IN-HOUSE

LC-ESI-MS/MS - EXTRACTION

Azinphos-methyl

Carbaryl

Carbofuran

Dimethoate

Diuron

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**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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