



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 2935
Laboratory Name: Laboratory Services Division, University of Guelph
Parent Institution: University of Guelph
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: December 21, 2017
Valid To: June 20, 2020

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

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 9215D

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 (026)

TOPS-120; IN-HOUSE

HPLC/FL - EXTRACTION

Aminomethylphosphonic acid (AMPA)

Glyphosate

Water (Organic)

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

TOPS-120; IN-HOUSE

LC-MS/MS

Glyphosate

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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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