



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
Address: 95 Stone Rd. W. Guelph ON N1H 8J7
Contact: Ms. Liz King
Phone: (519) 823-1268
Fax: (519) 767-6240
Email: qamail@uoguelph.ca

Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: April 18, 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, 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

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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