



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 11, 2020
Valid To: July 17, 2022

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
POLYMERASE CHAIN REACTION (PCR)
Cryptosporidium parvum (C. parvum)
Giardia lamblia (Giardia intestinalis)

Solids (Inorganic)

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

† "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

Water (Inorganic)

Metals - Water [Liquid Biosolid] (112)

CHEM-114; IN-HOUSE

ICP/MS

Arsenic

Cadmium

Chromium

Cobalt

Copper

Lead

Mercury

Molybdenum

Nickel

Selenium

Zinc

Water (Microbiology)

OSDWA †

Coliforms - Water (083)

MID-137; modified from ON MOECC E3407

MEMBRANE FILTRATION (DC)

Background Counts

Escherichia coli

Total Coliforms

Water (Microbiology)

Cryptosporidium and Giardia - Water [Liquid Biosolid, Wastewater] (093)

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

POLYMERASE CHAIN REACTION (PCR)

Cryptosporidium parvum (C. parvum)

Giardia lamblia (Giardia intestinalis)

Water (Microbiology)

OSDWA †

Heterotrophic Plate Count (HPC) - Water (084)

MID-142; modified from SM 9215 D

MEMBRANE FILTRATION (M-HPC)

Heterotrophic Plate Count (HPC)

Water (Microbiology)

OSDWA †

Heterotrophic Plate Count (HPC) - Water (086)

MID-143; modified from SM 9215 C

SPREAD PLATE (PCA)

Heterotrophic Plate Count (HPC)

Water (Organic)

Acid Herbicides - Water (107)

CHEM-069; IN-HOUSE

LC/MS/MS - EXTRACTION

2,4-Dichlorophenoxyacetic acid

2,4-Dichlorophenoxybutyric acid (2,4-DB)

2,4-Dichlorophenoxypropionic acid (2,4-DP, Dichlorprop)

2,4,5-TP (Silvex)

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2,4,5-Trichlorophenoxyacetic acid
Acifluorfen
Bentazon
Bromoxynil
Chloramben
Clopyralid
Dicamba
Dithiopyr
MCPA (2-Methyl-4-chlorophenoxyacetic acid)
MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid)
MCPP (Mecoprop, Methylchlorophenoxypropionic acid)
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/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)

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Malathion
Metolachlor
Metribuzin
Mirex
o,p' - DDT
p,p' - DDT
p,p' Methoxychlor
Parathion (ethyl)
Phorate
Terbufos
Trifluralin

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