



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 2800
Laboratory Name: HydroQual Laboratories Ltd.
Parent Institution: Golder Associates Ltd.
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: January 25, 2012
Valid To: March 24, 2014

Scope of Accreditation

Air (Mycology)

Mould - Air (043)
AIR-ME-002; POWERS, E.M. 1995. APPL. & ENV. MICRO 61(10): 3756-3758
CULTURABLE AIR MICROBES
fungal genus
fungal species

Air (Mycology)

Mould - Air (047)
AIR-ME-001; ZEFON ANALYTICAL ACCESSORIES/ ASTM D7391-09
DIRECT MICROSCOPE IDENTIFICATION (AIR-O-CELL)
fungal genus

Solids (Toxicology)

Chironomids - Sediment (013)
WTR-ME-026; EPS 1/RM/32, modified from EPA/600/R-99/064
SURVIVAL AND GROWTH
Chironomus

† "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

Solids (Toxicology)

Earthworm - Soil (022)
SOIL-ME-017; EPS 1/RM/43
SURVIVAL
Eisenia andrei
Eisenia fetida

Solids (Toxicology)

Earthworm - Soil (049)
SOIL-ME-009; EPS 1/RM/43
SURVIVAL AND REPRODUCTION
Eisenia andrei

Solids (Toxicology)

Hyalella azteca - Sediment (014)
WTR-ME-021; EPS 1/RM/33, modified from EPA/600/R-99/064
SURVIVAL AND GROWTH
Hyalella azteca

Solids (Toxicology)

Plant Growth - Soil (050)
SOIL-ME-022; EPS 1/RM/45
EMERGENCE
Lettuce
Northern wheatgrass

Solids (Toxicology)

Springtails - Soil (034)
SOIL-ME-012; EPS 1/RM/47
SURVIVAL & REPRODUCTION
Folsomia candida

Water (Microbiology)

Cryptosporidium and Giardia - Water (025)
WTQR-ME-014; EPA 815-R-05-002.METHOD 1623
FILTRATION/IMS/FA
Cryptosporidium
Giardia

Water (Microbiology)

Escherichia coli (E. coli) - Water (027)
WTRQ-ME-009; modified from SM 9223 B
MOST PROBABLE NUMBER
Escherichia coli (E. coli)

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Water (Microbiology)

Microcystins - Water (037)

WTRQ-ME-005; AN AND CARMICHAEL (1994) TOXICON, 32, 1495-1507.
PROTEIN PHOSPHATASE INHIBITION

Microcystins

Water (Microbiology)

Total Coliforms - Water (052)

WTRQ-ME-009; modified from SM 9223 B
MOST PROBABLE NUMBER

Total Coliforms

Water (Toxicology)

Ceriodaphnia dubia - Water (006)

WTR-ME-018; EPS 1/RM/21, modified from EPA/821/R-02/013
SURVIVAL AND REPRODUCTION

Ceriodaphnia dubia

Water (Toxicology)

Daphnia magna - Water (002)

WTR-ME-015; EPS 1/RM/11, EPS 1/RM/14 , modified from EPA/821/R-02/012, modified from OECD 202
ACUTE LETHALITY (SURVIVAL)

Daphnia LC50 (48 h)

Water (Toxicology)

Fathead Minnow - Water (007)

WTR-ME-046; EPS 1/RM/22, modified from EPA/821/R-02/013
GROWTH AND SURVIVAL

Fathead minnow

Water (Toxicology)

Lemna minor - Water (017)

WTR-ME-030; EPS 1/RM/37
GROWTH INHIBITION

Lemna minor

Water (Toxicology)

Microtox - Liquid Phase - Water (003)

SOIL-ME-001; EPS 1/RM/24
BIOLUMINESCENCE

Microtox IC50 (15 min)

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Water (Toxicology)

Pseudokirchneriella subcapitata - Water (008)

WTR-ME-034; EPS 1/RM/25, modified from EPA/821/R-02/013, modified from OECD 201
GROWTH INHIBITION

Pseudokirchneriella subcapitata

Water (Toxicology)

Rainbow Trout - Water (001)

WTR-ME-041; EPS 1/RM/9, EPS 1/RM/13, modified from EPA/821/R-02/012, modified from OECD 203
ACUTE LETHALITY (SURVIVAL)

Trout LC50 (96 h)

Water (Toxicology)

Salmonid - Water (026)

WTR-ME-044; EPS 1/RM/28
EARLY LIFE STAGE

Salmonid eggs

Salmonid embryo

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