



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 2800
Laboratory Name: HydroQual Laboratories Ltd.
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: May 11, 2010
Valid To: April 14, 2012

Scope of Accreditation

Air (Mycology)

Mould - Air (043)

4.4.1.29; POWERS, E.M. 1995. APPL. & ENV. MICRO 61(10): 3756-3758
CULTURABLE AIR MICROBES

fungus genus
fungus species

Air (Mycology)

Mould - Air (047)

4.4.1.28; ZEFON ANALYTICAL ACCESSORIES/ ASTM D7391-09
DIRECT MICROSCOPE IDENTIFICATION (AIR-O-CELL)

fungus genus

Solids (Toxicology)

Chironomids - Sediment (013)

4.4.3.16; EPS 1/RM/32, based on 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)

4.4.3.4; EPS 1/RM/43
SURVIVAL

Eisenia andrei
Eisenia fetida

Solids (Toxicology)

Earthworm - Soil (049)

4.4.3.19; EPS 1/RM/43
SURVIVAL AND REPRODUCTION

Eisenia andrei
Eisenia fetida

Solids (Toxicology)

Hyalella azteca - Sediment (014)

4.4.3.5; EPS 1/RM/33, based on EPA/600/R-99/064
SURVIVAL AND GROWTH

Hyalella azteca

Solids (Toxicology)

Microtox - Solid Phase (030)

4.4.1.44; EPS 1/RM/42
BIOLUMINESCENCE

Vibrio fischeri

Solids (Toxicology)

Plant Growth - Soil (050)

4.4.2.23; EPS 1/RM/45
EMERGENCE

Alfalfa
Barley
Lettuce
Northern wheatgrass
Radish

Solids (Toxicology)

Springtails - Soil (034)

4.4.3.22; EPS 1/RM/47
SURVIVAL & REPRODUCTION

Folsomia candida

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Solids (Toxicology)

Springtails - Soil (056)

4.4.3.25; ISO11267: 1999 (E)

SURVIVAL

Folsomia candida

Water (Microbiology)

Cryptosporidium and Giardia - Water (025)

4.4.1.22; EPA 815-R-05-002.METHOD 1623

FILTRATION/IMS/FA

Cryptosporidium

Giardia

Water (Microbiology)

Escherichia coli (E. coli) - Water (027)

4.4.1.23; SM 9223 B

MOST PROBABLE NUMBER

Escherichia coli (E. coli)

Water (Microbiology)

Heterotrophic Plate Count (HPC) - Water (045)

4.4.1.26; based on SM 9215 C

SPREAD PLATE R2A AGAR

Heterotrophic Plate Count (HPC)

Water (Microbiology)

Microcystins - Water (037)

4.4.1.20; AN AND CARMICHAEL (1994) TOXICON, 32, 1495-1507.

PROTEIN PHOSPHATASE INHIBITION

Microcystins

Water (Microbiology)

Total Coliforms - Water (052)

4.4.1.23; based on SM 9223 B

MOST PROBABLE NUMBER

Total Coliforms

Water (Toxicology)

Ceriodaphnia dubia - Water (006)

4.4.3.2; EPS 1/RM/21, based on EPA/821/R-02/013

SURVIVAL AND REPRODUCTION

Ceriodaphnia dubia

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Water (Toxicology)

Daphnia magna - Water (002)

4.4.3.1; EPS 1/RM/11, EPS 1/RM/14 , based on EPA/821/R-02/012, based on OECD 202
ACUTE LETHALITY (SURVIVAL)

Daphnia LC50 (48 h)

Water (Toxicology)

Fathead Minnow - Water (007)

4.4.4.6; EPS 1/RM/22, based on EPA/821/R-02/013
GROWTH AND SURVIVAL

Fathead minnow

Water (Toxicology)

Lemna minor - Water (017)

4.4.2.3; EPS 1/RM/37
GROWTH INHIBITION

Lemna minor

Water (Toxicology)

Microtox - Liquid Phase - Water (003)

4.4.1.3; EPS 1/RM/24
BIOLUMINESCENCE

Microtox IC50 (15 min)

Water (Toxicology)

Pseudokirchneriella subcapitata - Water (008)

4.4.2.7; EPS 1/RM/25, based on EPA/821/R-02/013, based on OECD 201
GROWTH INHIBITION

Pseudokirchneriella subcapitata

Water (Toxicology)

Rainbow Trout - Water (001)

4.4.4.1; EPS 1/RM/9, EPS 1/RM/13, based on EPA/821/R-02/012, based on OECD 203
ACUTE LETHALITY (SURVIVAL)

Trout LC50 (96 h)

Water (Toxicology)

Salmonid - Water (026)

4.4.4.2; EPS 1/RM/28
EARLY LIFE STAGE

Salmonid eggs

Salmonid embryo

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