



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3301
Laboratory Name: Biogeochemical Analytical Service Laboratory
Parent Institution: University of Alberta
Address: 2-255 CCIS Bldg, University of Alberta Edmonton AB T6G 2E9
Contact: Dr. Mingsheng Ma
Phone: (780) 492-9014
Fax: (780) 248-5861
Email: mingsheng.ma@ualberta.ca

Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: June 16, 2017
Valid To: April 3, 2019

Scope of Accreditation

Water (Inorganic)

Ammonia - Water (001)
SOP TM-I0G-003; modified from SM 4500-NH3 H
FIA COLORIMETRIC
Ammonia

Water (Inorganic)

Methyl Mercury - Water (007)
SOP TM-I0G-033; modified from EPA 1630
DISTILLATION, AQUEOUS ETHYLATION, PURGE AND TRAP, CVA/ICP/MS
Dissolved Methyl Mercury
Methyl Mercury

Water (Inorganic)

Nitrate + Nitrite - Water (002)
SOP TM-I0G-004; modified from EPA 353.2
FIA COLORIMETRIC
Nitrate plus Nitrite

Water (Inorganic)

Phosphate - Water (003)
SOPTM-I0G-009; modified from SM 4500-P G
FIA COLORIMETRIC
Phosphate

Water (Inorganic)

Phosphorus - Water (004)
SOP TM-I0G-007; modified from SM 4500-P, B G
FIA COLORIMETRIC
Total Dissolved Phosphorus

† "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 Phosphorus

Water (Inorganic)

Total and Dissolved Mercury - Water (006)
SOP TM-IOG-036; modified from EPA 1631E
COLD VAPOUR ATOMIC
Mercury

Water (Organic)

Polycyclic Aromatic Hydrocarbons (PAH)s - Water (005)
SOP TM-ORG-005, SOP TS-ORG-006; modified from EPA 3510C and EPA 8270D
GC/MS
Acenaphthene
Acenaphthylene
Anthracene
Benzo (a) anthracene
Benzo (a) pyrene
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (k) fluoranthene
Chrysene
Dibenzo (a,h) anthracene
Fluoranthene
Fluorene
Indeno (1,2,3 - cd) pyrene
Naphthalene
Phenanthrene
Pyrene

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