



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 1429
Laboratory Name: Saint John Laboratory Services Ltd.
Parent Institution:
Address: 1216 Sand Cove Rd. Saint John NB E2M 5V8
Contact: Dr. Apollos Ikejiani
Phone: (506) 635-4938
Fax: (506) 672-8000
Email: sjls@nb.aibn.com

Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: November 13, 2019
Valid To: May 13, 2022

Scope of Accreditation

Water (Inorganic)

Alkalinity - Water (006)
3000; modified from SM 2320 B
TITRIMETRIC
Alkalinity (pH 4.5)

Water (Inorganic)

Ammonia - Water (027)
SOP 3014; modified from ORBECO-HELLIGE 942 MANUAL and SM 4500 C (18TH ED.)
COLORIMETRIC
Ammonia

Water (Inorganic)

Ammonia - Water (028)
SOP 3013; SM 4500-NH3 B and SM 4500-NH3 C
TITRIMETRIC - DISTILLATION
Ammonia

Water (Inorganic)

Anions - Water (022)
SOP 3011; EPA 300.1
ION CHROMATOGRAPHY
Chloride
Fluoride
Nitrate
Nitrite
Sulfate

† "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)

Biochemical Oxygen Demand (BOD) - Water (004)

4000; modified from SM 5210 B

D.O. METER
BOD (5 day)
CBOD (5 day)

Water (Inorganic)

Chemical Oxygen Demand (COD) - Water (020)

4002; modified from HACH 8000 and SM 5220 D

COLORIMETRIC - DIGESTION
COD

Water (Inorganic)

Conductivity - Water (008)

5000; modified from SM 2510 B

CONDUCTIVITY METER
Conductivity (25°C)

Water (Inorganic)

Dissolved Metals - Water (014)

3010; modified from ASTM D1971 and SM 3113 and VARIAN 85-100848-00

AA GRAPHITE - FILTRATION

Aluminum
Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Cobalt
Copper
Iron
Lead
Manganese
Molybdenum
Nickel
Selenium
Strontium
Vanadium

Water (Inorganic)

Dissolved Metals - Water (031)

SOP 3016; modified from SM 3125 B

ICP/MS
Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium

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Chromium
Cobalt
Copper
Iron
Lead
Manganese
Mercury
Molybdenum
Nickel
Selenium
Silver
Strontium
Thallium
Tin
Titanium
Uranium
Vanadium
Zinc

Water (Inorganic)

Mercury - Water (025)
SOP 3012; AURORA BIOMED AI 3200 and EPA 245.7
ATOMIC FLUORESCENCE SPECTROMETER
Mercury

Water (Inorganic)

Metals - Water (019)
3003; modified from ASTM D1971 and SM 3030 E and SM 3030 F and SM 3030 I and SM 3111 B and SM 3111 D and VARIAN 85-100009-00
AA FLAME
Calcium
Magnesium
Potassium
Sodium
Zinc

Water (Inorganic)

pH - Water (033)
SOP 5001; modified from SM 4500-H+ B
pH METER
pH

Water (Inorganic)

Reactive Silica - Water (018)
3007; modified from HACH 8186 and SM 4500-SIO2 D
COLORIMETRIC
Reactive Silica

Water (Inorganic)

Solids - Water (005)
5002, SOP 5007; modified from SM 2540 C and SM 2540 D
GRAVIMETRIC
Total Dissolved Solids

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Total Suspended Solids
Volatile Suspended Solids

Water (Inorganic)

Total Dissolved Solids (TDS) - Water (026)
SOP 5009; IN-HOUSE ORION MODEL ISO
CONDUCTIVITY METER
Total Dissolved Solids

Water (Inorganic)

Total Kjeldahl Nitrogen (TKN) - Water (013)
3009; modified from SM 4500-NORG B
MACRO-KJELDAHL
Total Kjeldahl Nitrogen

Water (Inorganic)

Total Phosphorus - Water (007)
3006; modified from SM 4500-P B and SM 4500-P C
COLORIMETRIC - DIGESTION
Total Phosphorus

Water (Inorganic)

Turbidity - Water (002)
5003; modified from SM 2130 B
TURBIDIMETRIC
Turbidity

Water (Microbiology)

Coliforms - Water (009)
2001; modified from ON MOECC E3407
MEMBRANE FILTRATION (DC)
Escherichia coli
Total Coliforms

Water (Microbiology)

Fecal (Thermotolerant) Coliforms - Water (029)
SOP 2004; SM 9222
MEMBRANE FILTRATION
Fecal (Thermotolerant) Coliforms

Water (Microbiology)

Heterotrophic Plate Count (HPC) - Water (011)
2002; modified from SM 9215 B
POUR PLATE
Heterotrophic Plate Count (HPC)

Water (Microbiology)

Heterotrophic Plate Count (HPC) - Water (032)
2003; modified from SM 9215 D
MEMBRANE FILTRATION
Heterotrophic Plate Count (HPC)

Water (Organic)

Gasoline Range Organics (GRO) - Water (001)
4001; EPA 502.2
PURGE AND TRAP GC/FID/PID/DELCD
1,2-Dichlorobenzene
1,2,4-Trimethylbenzene
1,3-Dichlorobenzene

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1,3,5-Trimethylbenzene
1,4-Dichlorobenzene
Benzene
Ethylbenzene
m,p-Xylene
Methyl tert-butyl ether (MTBE)
Naphthalene
o-Xylene
Toluene

Water (Organic)

Halogenated Organic Compounds (HOC) - Water (023)
4001; EPA 502.2

PURGE AND TRAP GC/FID/PID/DELCD

1,1-Dichloroethylene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
1,2-Dichloroethane
1,2-Dichloropropane
1,2,4-Trichlorobenzene
Carbon tetrachloride
Chlorobenzene
cis-1,2-Dichloroethylene
Dichloromethane
Tetrachloroethylene
trans-1,2-Dichloroethylene
Trichloroethylene

Water (Organic)

Trihalomethanes (THM) - Water [Chlorinated Drinking, Drinking] (021)
4001; modified from EPA 501

PURGE AND TRAP GC/FID/PID/DELCD

Bromodichloromethane
Bromoform
Chlorodibromomethane
Chloroform

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