



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3467

Laboratory Name: SGS Canada Inc.

Parent Institution:

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Standard: Conforms with requirements of ISO/IEC 17025

Clients Served:

Revised On: December 8, 2011

Valid To: October 13, 2013

Scope of Accreditation

Solids (Inorganic)

Bitumen - Soil (031)

SLP-MIN-001; IN-HOUSE

GRAVIMETRIC - MODIFIED SOXHLET

Bitumen

Solids (Inorganic)

Metals - Soil (011)

MTH-ENV-15; modified from EPA 200.7

ICP/OES

Aluminum

Antimony

Arsenic

Beryllium

Bismuth

Cadmium

Calcium

Chromium

Cobalt

Copper

Iron

Lead

Lithium

† "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

Magnesium
Manganese
Molybdenum
Nickel
Phosphorus
Potassium
Selenium
Silver
Sodium
Strontium
Thallium
Tin
Titanium
Uranium
Vanadium
Yttrium
Zinc

(Parameter suspended on 8/16/2011)

Solids (Inorganic)

Particle Size - Soil (032)
SLP-MIN-006; IN-HOUSE
LASER DIFFRACTION
Particle Size Distribution

Water (Inorganic)

Acidity - Water (016)
MTH-ENV-1; modified from SM 2310 B
TITRATION
Acidity

Water (Inorganic)

Alkalinity - Water (002)
MTH-ENV-1; modified from SM 2310 B and 2320 B
TITRATION
Alkalinity (pH 4.5)

Water (Inorganic)

Ammonia - Water (024)
MTH-ENV-18; modified from HACH 10031
COLORIMETRIC
Ammonia

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Water (Inorganic)

Anions - Water (003)

MTH-ENV-14; modified from EPA 300.1

ION CHROMATOGRAPHY

Bromide

Chloride

Nitrate

Nitrite

Sulfate

Water (Inorganic)

Biochemical Oxygen Demand (BOD) - Water (001)

MTH-ENV-21; modified from SM 5210 B

D.O. METER

BOD (5 day)

CBOD (5 day)

Water (Inorganic)

Chemical Oxygen Demand (COD) - Water (008)

MTH-ENV-13; modified from HACH METHOD 8000

SPECTROPHOTOMETER

COD

Water (Inorganic)

Conductivity - Water (004)

MTH-ENV-2; modified from SM 2510

CONDUCTIVITY METER

Conductivity (25°C)

Water (Inorganic)

Dissolved Metals - Water (010)

MTH-ENV-16; modified from EPA 200.7

ICP/OES

Aluminum (High)

Antimony

Arsenic

Barium (High)

Beryllium

Bismuth

Boron (High)

(Parameter suspended on 12/8/2011)

Cadmium

Calcium

Chromium (High)

Cobalt (High)

Copper (High)

Indium

Iron (High)

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Lead (High)
Lithium
Magnesium
Manganese (High)
Molybdenum (High)
Nickel (High)
Phosphorus
Potassium
Selenium
Silicon
Silver
Sodium
Strontium (High)
Thallium (High)
Tin
Titanium (High)
Tungsten
Uranium
Vanadium (High)
Yttrium
Zinc (High)

Water (Inorganic)

Fluoride - Water (005)
MTH-ENV-4; modified from SM 4500 F- C
SELECTIVE ION ELECTRODE
Fluoride

Water (Inorganic)

Hexavalent Chromium- Water (015)
MTH-ENV-11; modified from NIOSH METHOD 7600
SPECTROPHOTOMETRIC
Chromium VI

Water (Inorganic)

pH - Water (009)
MTH-ENV-3; modified from SM 4500-H+ B
pH METER
pH

Water (Inorganic)

Solids - Water (006)
MTH-ENV-7/MTH-ENV-8; modified from SM 2540 B, C, D, E
GRAVIMETRIC
Total Dissolved Solids
Total Solids
Total Suspended Solids

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Volatile Solids
Volatile Suspended Solids

Water (Inorganic)

Total (Recoverable) Metals - Water (030)
MTH-ENV-16; modified from SM 3030 D, EPA 200.7

ICP/OES

Aluminum
Antimony
Arsenic
Barium
Beryllium
Bismuth
Boron
Cadmium
Calcium
Chromium
Cobalt
Copper
Indium
Iron
Lead
Lithium
Manganese
Molybdenum
Nickel
Phosphorus
Selenium
Silicon
Silver
Strontium
Thallium
Tin
Titanium
Tungsten
Uranium
Vanadium
Yttrium
Zinc

Water (Inorganic)

Turbidity - Water (007)
MTH-ENV-6; modified from SM 2130 B
NEPHELOMETRY

Turbidity

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