



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 4087
Laboratory Name: AGAT Laboratories-St John's
Parent Institution: AGAT Laboratories
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: December 5, 2018
Valid To: May 13, 2020

Scope of Accreditation

Solids (Inorganic)

Sulphide - Solids [Soil] (012)
INOR-123-6013; modified from METHODS FOR THE EXAMINATION OF WATER AND ASSOCIATED MATERIALS-METHOD 228 and SM 4500 S2- D SPECTROPHOTOMETRIC
Sulphide

Tissue (Inorganic)

Metals - Tissue (011)
MET-123-6100, MET-123-6102; modified from EPA 200.8 and EPA 3050 and SM 3125
ICP/MS
Arsenic
Cobalt
Copper
Molybdenum
Nickel
Selenium
Strontium
Vanadium
Zinc

Water (Inorganic)

Biochemical Oxygen Demand (BOD) - Water (001)
INOR-123-6005; modified from SM 5210 B
D.O. METER
BOD (5 day)
CBOD (5 day)

† "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)

Chemical Oxygen Demand (COD) - Water (017)
INOR-123-6010; modified from SM 5220 D
SPECTROPHOTOMETRIC
COD

Water (Inorganic)

Chlorine - Water (002)
INOR-123-6003; modified from SM 4500-Cl F
TITRATION
Free Chlorine
Total Chlorine

Water (Inorganic)

Chlorophyll - Water (016)
INOR-123-6014; SM 10200 H
SPECTROPHOTOMETRIC
Chlorophyll a
Phaeophytin a

Water (Inorganic)

Conductivity - Water (005)
INOR-123-6004; SM 2510 B
CONDUCTIVITY METER
Conductivity (25°C)

Water (Inorganic)

Dissolved and Extractable Metals - Water (018)
MET-123-6100, MET-123-6101; modified from SM 3030 B and SM 3125
ICP/MS
Aluminum
Antimony
Arsenic
Beryllium
Boron
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Potassium
Selenium
Silver
Sodium
Strontium
Thallium
Tin
Uranium
Vanadium
Zinc

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Water (Inorganic)

Dissolved Oxygen - Water (019)
INOR-123-6012; SM 4500-O
D.O. METER
Dissolved Oxygen

Water (Inorganic)

Ferrous Iron - Water (006)
INOR-123-6001; modified from SM 3500-Fe B
SPECTROPHOTOMETRIC
Ferrous Iron

Water (Inorganic)

pH - Water (007)
INOR-123-6002; SM 4500-H+ B
pH METER
pH

Water (Inorganic)

Residual Chlorine - Water (015)
INOR-123-6009; modified from EPA 330.5 and SM 4500 Cl
SPECTROPHOTOMETRIC
Total Chlorine

Water (Inorganic)

Solids - Water (008)
INOR-123-6006, INOR-123-6007, INOR-123-6008; modified from SM 2540 B and SM 2540 C and SM 2540 D and SM 2540 E
GRAVIMETRIC
Fixed Solids
Total Dissolved Solids
Total Solids
Total Suspended Solids
Volatile Solids
Volatile Suspended Solids

Water (Inorganic)

Sulphide - Water (013)
INOR-123-6011; modified from SM 4500 S2- D
SPECTROPHOTOMETRIC
Sulphide

Water (Inorganic)

Total Metals - Water (014)
MET-123-6100, MET-123-6101; modified from SM 3030 D and SM 3125
ICP/MS - DIGESTION
Antimony
Arsenic
Beryllium
Boron
Chromium
Cobalt
Copper
Iron
Lead
Manganese
Nickel
Potassium

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Sodium
Thallium
Titanium
Vanadium
Zinc

Water (Microbiology)

Coliforms - Water (003)
MIC-123-7000; modified from SM 9223 B
COLILERT- QUANTI-TRAY (MPN)
Escherichia coli
Total Coliforms

Water (Microbiology)

Coliforms - Water (004)
MIC-123-7000; modified from SM 9223 B
COLILERT - PRESENCE/ABSENCE
Escherichia coli
Total Coliforms

Water (Microbiology)

Fecal (Thermotolerant) Coliforms - Water (009)
MIC-123-7001; modified from SM 9222 D
COLILERT- QUANTI-TRAY
Fecal (Thermotolerant) Coliforms

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