



CALA Scope of Accreditation

Laboratory Name: Nova West Laboratory Ltd.

Client ID: 1003225

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Standard: Conforms with requirements of ISO/IEC 17025:2017

Clients Served: All Interested Parties

Revised On: 06/14/2022

Valid To: 02/29/2024

001 - Coliforms

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: QUANTI-TRAY (COLILERT)

Preparation Method:

Lab Method ID(s): METHOD# 001

Method Reference	Modified From	Analytical Method	Preparation Method
SM 9223 B	No	Yes	No

Parameter

Escherichia coli
Total Coliforms

002 - Coliforms

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: PA (COLILERT-18/COLISURE)

Preparation Method:

Lab Method ID(s): METHOD# 002

Method Reference	Modified From	Analytical Method	Preparation Method
SM 9223 B	No	Yes	No

Parameter

Escherichia coli
Total Coliforms

003 - Metals

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: ICP/OES

Preparation Method: DIGESTION

Lab Method ID(s): METHOD# 003

Method Reference	Modified From	Analytical Method	Preparation Method
EPA 200.7 (REV 4.4)	No	Yes	No

Parameter

Aluminum
Antimony
Arsenic
Barium
Boron
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Mercury
Molybdenum
Nickel
Potassium
Selenium
Sodium
Total Hardness (calculation)
Total Phosphorus
Uranium
Zinc

006 - Ammonia Nitrogen

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** COLORIMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 006

Method Reference	Modified From	Analytical Method	Preparation Method
HACH 8038	No	Yes	No

Parameter
Ammonia

008 - Colour

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** COLORIMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 008

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2120 C	No	Yes	No

Parameter
True Colour

014 - Solids

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** GRAVIMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 014

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2540	No	Yes	No

Parameter
Total Dissolved Solids
Total Suspended Solids

015 - Carbon

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** SPECTROPHOTOMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 015

Method Reference	Modified From	Analytical Method	Preparation Method
HACH 10129	No	Yes	No

Parameter
Organic Carbon

016 - Turbidity

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** TURBIDIMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 016

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2130	No	Yes	No

Parameter
Turbidity

017 - Biochemical Oxygen Demand (BOD)

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** DISSOLVED OXYGEN METER (DO)**Preparation Method:****Lab Method ID(s):** METHOD# 017

Method Reference	Modified From	Analytical Method	Preparation Method
SM 5210	No	Yes	No

Parameter
BOD (5 day)
CBOD (5 day)

020 - Anions

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** ION CHROMATOGRAPHY (IC)**Preparation Method:**

Lab Method ID(s): METHOD# 020

Method Reference	Modified From	Analytical Method	Preparation Method
EPA 300.0 (REV. 2.1)	No	Yes	No

Parameter

Bromide
Chloride
Fluoride
Nitrate
Nitrite
Phosphate
Sulfate

021 - Listeria

Field of Accreditation: Environmental**Matrix:** Food [Dairy, Environmental Sample, Fish, Food Product, Fruit, Meat, Vegetables]**Analytical Method:** ENZYME LINKED FLUORESCENT ASSAY**Preparation Method:****Lab Method ID(s):** METHOD# 050

Method Reference	Modified From	Analytical Method	Preparation Method
MFHPB-30	No	Yes	No
MFLP-77	No	Yes	No

Parameter

Listeria

022 - Salmonella

Field of Accreditation: Environmental**Matrix:** Food [Dairy, Egg, Fish, Food Product, Fruit, Meat, Seafood]**Analytical Method:** ENZYME LINKED FLUORESCENT ASSAY**Preparation Method:****Lab Method ID(s):** METHOD# 051

Method Reference	Modified From	Analytical Method	Preparation Method
MFHPB-20	No	Yes	No
MFLP-49	No	Yes	No

Parameter

Salmonella

025 - Staphylococcus aureus

Field of Accreditation: Environmental**Matrix:** Food [Dairy, Fish, Seafood]**Analytical Method:** PLATING (PETRIFILM)**Preparation Method:****Lab Method ID(s):** METHOD# 053

Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-21	No	Yes	No

Parameter

Staphylococcus aureus (S. aureus)

028 - Coliforms

Field of Accreditation: Food**Matrix:** Food [Shellfish]**Analytical Method:** MOST PROBABLE NUMBER (MPN)**Preparation Method:****Lab Method ID(s):** METHOD# 055

Method Reference	Modified From	Analytical Method	Preparation Method
MFHPB-19	No	Yes	No

Parameter

Fecal (Thermotolerant) Coliforms

029 - Halophilic Vibrio Species

Field of Accreditation: Food**Matrix:** Food [Shellfish]**Analytical Method:** MOST PROBABLE NUMBER (MPN)**Preparation Method:****Lab Method ID(s):** METHOD# 056

Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-37	No	Yes	No

Parameter

Vibrio parahaemolyticus

030 - Chemical Oxygen Demand (COD)

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** COLORIMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 021

Method Reference	Modified From	Analytical Method	Preparation Method
SM 5220 D	No	Yes	No

Parameter

COD

032 - Fecal (Thermotolerant) Coliforms

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** MOST PROBABLE NUMBER (MPN) (A-1)**Preparation Method:****Lab Method ID(s):** METHOD# 023

Method Reference	Modified From	Analytical Method	Preparation Method
SM 9221 E	No	Yes	No

Parameter

Fecal (Thermotolerant) Coliforms

033 - Alkalinity

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** AUTOMATED TITRIMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 005

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2320 B	No	Yes	No

Parameter

Alkalinity (pH 4.5)

034 - Conductivity

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** CONDUCTIVITY METER**Preparation Method:****Lab Method ID(s):** METHOD# 009

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2510	No	Yes	No

Parameter

Conductivity (25C)

035 - pH

Field of Accreditation: Environmental**Matrix:** Water**Analytical Method:** PH METER**Preparation Method:****Lab Method ID(s):** METHOD# 013

Method Reference	Modified From	Analytical Method	Preparation Method
SM 4500 H+	No	Yes	No

Parameter

pH

039 - Total Coliforms

Field of Accreditation: Food**Matrix:** Food [Excluding Strongly Coloured Foods]**Analytical Method:** TEMPO**Preparation Method:****Lab Method ID(s):** METHOD# 057

Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-106	No	Yes	No

Parameter

Total Coliforms

040 - Escherichia coli (E. coli)

Field of Accreditation: Food**Matrix:** Food [Excluding Strongly Coloured Foods]**Analytical Method:** TEMPO**Preparation Method:****Lab Method ID(s):** METHOD# 058

Method Reference	Modified From	Analytical Method	Preparation Method
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Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-107	No	Yes	No

Parameter

Escherichia coli (E. coli)

041 - Water Activity

Field of Accreditation: Food**Matrix:** Food [Food Ingredients]**Analytical Method:** WATER ACTIVITY METER**Preparation Method:****Lab Method ID(s):** METHOD# 080

Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-66	No	Yes	No

Parameter

Water Activity

042 - Protein

Field of Accreditation: Food**Matrix:** Food [Heat Processed Ready-To-Eat (RTE) Meat, Meat, Raw and Processed Raw Meat Products]**Analytical Method:****Preparation Method:** DIGESTION**Lab Method ID(s):** METHOD# 081

Method Reference	Modified From	Analytical Method	Preparation Method
AOAC 981.10	No	Yes	No

Parameter

Protein

043 - pH

Field of Accreditation: Food**Matrix:** Food**Analytical Method:** PH METER**Preparation Method:****Lab Method ID(s):** METHOD# 082

Method Reference	Modified From	Analytical Method	Preparation Method
MFHPB-03	No	Yes	No

Parameter

pH

044 - Moisture

Field of Accreditation: Food**Matrix:** Food [Animal Feed, Meat, Shellfish]**Analytical Method:** GRAVIMETRIC**Preparation Method:****Lab Method ID(s):** METHOD# 083

Method Reference	Modified From	Analytical Method	Preparation Method
AOAC 934.01	No	Yes	No
AOAC 950.46A	No	Yes	No

Parameter

Moisture Content

† "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

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