



CALA Scope of Accreditation

Laboratory Name: Nova West Laboratory Ltd.

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

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Clients Served: All Interested Parties

Valid To: 01/07/2028

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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)

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: Food		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: Food		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: Food		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
Analytical Method: COLORIMETRIC
Lab Method ID(s): METHOD# 021

Matrix: Water
Preparation Method:

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

Parameter
COD

032 - Fecal (Thermotolerant) Coliforms

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

Matrix: Water
Preparation Method:

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

Parameter
Fecal (Thermotolerant) Coliforms

033 - Alkalinity

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

Matrix: Water
Preparation Method:

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
Analytical Method: CONDUCTIVITY METER
Lab Method ID(s): METHOD# 009

Matrix: Water
Preparation Method:

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

Parameter
Conductivity (25°C)

035 - pH

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

Matrix: Water
Preparation Method:

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

Parameter
pH

039 - Total Coliforms

Field of Accreditation: Food
Analytical Method: TEMPO
Lab Method ID(s): METHOD# 057

Matrix: Food [Excluding Strongly Coloured Foods]
Preparation Method:

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
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: TITRIMETRIC		Preparation Method: DIGESTION, DISTILLATION	
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			

045 - Salmonella spp.

Field of Accreditation: Food		Matrix: Food [Animal Feed, Dairy, Fish, Heat Processed Fish and Seafood, Seafood]	
Analytical Method: LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP)		Preparation Method:	
Lab Method ID(s): Method 059			
Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-100	No	Yes	No
MFHPB-20	No	Yes	No
Parameter			
Salmonella spp.			

046 - Listeria monocytogenes

Field of Accreditation: Food		Matrix: Food [Fish, Heat Processed Fish and Seafood, Heat Processed Ready-To-Eat (RTE) Meat, Heat-Treated Milk and Dairy, Meat, Raw and Raw Processed Vegetable-Based Products, Seafood]	
Analytical Method: LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP)		Preparation Method:	
Lab Method ID(s): Method 061			
Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-111	No	Yes	No
MFHPB-30	No	Yes	No
Parameter			
Listeria monocytogenes			

047 - Listeria

Field of Accreditation: Food		Matrix: Environmental Products [Swab]	
Analytical Method: LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP)		Preparation Method:	
Lab Method ID(s): Method 060			
Method Reference	Modified From	Analytical Method	Preparation Method
MFLP-101	No	Yes	No
MFHPB-30	No	Yes	No
Parameter			
Listeria spp.			

† “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 <https://directory.cala.ca/> (<https://directory.cala.ca/>).