



## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

Accredited Laboratory No. 667

**Legal Name of Accredited Laboratory:** CENTRAL TESTING LABORATORY LTD.

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<b>SCC File Number:</b>	15784
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017
<b>Fields of Testing:</b>	Biological Chemical/Physical
<b>Program Specialty Area:</b>	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP) Environmental Testing (ET)
<b>Initial Accreditation:</b>	2010-02-23
<b>Most Recent Accreditation:</b>	2019-11-07
<b>Accreditation Valid to:</b>	2022-02-23



**ANIMAL AND PLANTS (AGRICULTURE)**

**Foods and Edible Products (Human and Animal Consumption):**

**Feeds (Chemistry)**

CTL-MICPSOP	Minerals by ICP Ca Cu Fe K Mg Mn Na P Zn S
CTL-PDSOP	Protein by Combustion
CTL-pHSOP	Determination of pH and Nitrate Concentration in samples using the pH/ISE Meter. ONLY Determination of pH is accredited
CTL-WASOP	Determination of Water Activity Using the AquaLab 4TE Analyzer (MFLP-66)
CTL-STRSOP	Determination of Starch by R-Biopharm Starch Kit
CTL-ANCSOP	Determination of Fibers-Acid Detergent Fiber, Neutral Detergent Fiber and Crude Fiber by Ankom
CTL-A2SOP	Determination of Ash in Food/Feed Samples
CTL-AAHFSOP	Determination of Fat content (Acid Hydrolysis) in Food and Feed samples by Ankom
CTL-FSOP	Determination of Fat Content (Fat-EE) in Food and Feed Samples by Ankom
CTL-MASOP	Determination of Moisture Analyzed in Food and Feed Samples

**Foods (Microbiology)**

CTL-3MSTASOP	Enumeration of <i>Staphylococcus Aureus</i> in Foods and Environmental Samples using 3M Petrifilm Staph Express Count (STX) Plates (MFLP-21)
CTL-3MTACSOP	Enumeration of Total Aerobic Bacteria in Food Products and Food Ingredients using 3M Petrifilm Aerobic Count Plates (MFHPB-33)



CTL-3MYMSOP	Enumeration of Yeast and Mould in Food Products and Food Ingredients using 3M Petrifilm Yeast and Mold Count Plates (MFHPB-32)
CTL-3MECSOP	Enumeration of <i>Escherichia coli</i> and <i>Coliforms</i> in Food Products and Food Ingredients using 3M Petrifilm <i>E.coli</i> Count Plates (MFHPB-34)
CTL-3MMDSSOP	Detection of pathogens ( <i>Salmonella</i> , <i>Escherichia coli</i> O157:H7, <i>Listeria species</i> , <i>Listeria monocytogenes</i> ) in Foods and Environmental Samples using 3M Molecular Detection System Test Kit ( <i>Salmonella</i> by MFLP-06 – in foods, AOAC 2013.09 – in foods and environmental samples), ( <i>Escherichia coli</i> O157:H7 by MFLP-73 – in foods), ( <i>Listeria</i> spp. by MFLP-05 – from environmental surfaces, AOAC PTM #081203 – in foods and environmental samples, 3M Product Instructions MDAL96 – in foods), ( <i>Listeria monocytogenes</i> by MFLP-72 – in foods, AOAC 2014.07 – in foods and environmental samples, AOAC PTM #051401 – in foods, 3M Product Instructions MDALM96 – in foods and environmental samples)
CTL-3MENTSOP	Enumeration of <i>Enterobacteriaceae</i> species in Foods and Environmental Samples using 3M Petrifilm <i>Enterobacteriaceae</i> Count Plates (MFLP-09)

**Feeds (Microbiology)**

CTL-VCSOP	Determination of Mycotoxin in Cereals and Feeds - Vomitoxin
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**ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY**

**Environmental:**

**Water (Microbiology)**

CTL-QTSOP	Determination and Quantification of Total Coliforms, <i>Fecal Coliforms</i> and <i>E.coli</i> in water samples using Enzyme Substrate Test (Colilert, QuantiTray/2000). (SM of E 9223B)
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**Water (Chemistry)**

CTL-ANWSOP	Ammonia Nitrogen in Water by Colorimeter
CTL-ECSOP	Electrical Conductivity in Water by Conductivity Meter
CTL-SCPTSOP	Salt and Chloride by Potentiometric Titration
CTL-NWSOP	Determination of Nitrate/Nitrite in Water using Thermo Scientific Gallery Automated Chemistry Analyzer

**Notes:**

**ISO/IEC 17025:2017:** General Requirements for the Competence of Testing and Calibration

Laboratories

**CTL:** Laboratory Internal Test Methods

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc.ca](http://www.scc.ca).

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Vice President, Accreditation Services  
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Number of Scope Listings: 22  
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