

Feeds

(Chemistry)

CTL-MICPSOP	Minerals by ICP-OES 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 for pH
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
CTL-STRMEGSOP	Determination of Starch by Megazyme Starch Kit
CTL-ICPMWSOP	Minerals By ICP-OES Using Microwave Digestor Ca Cu Fe K Mg Mn Na P Zn Al B Cd Co Mo

	Ni Pb S Ti Cr
CTL-ICPMSSOP	Minerals By ICP-MS Al B Ca Co Cu Fe Mg Mn P K Se Na Zn Mo V As Cd Cr Pb Ni Ti Sb Ba
CTL-DMASOP	Automated Determination of Mercury (Hg) By Milestone DMA-80

Feeds (Microbiology)

CTL-MYCSOP	Determination of Mycotoxin in Cereals and Feeds- Aflatoxin, Fumonisin, T-2 Toxin, T2/HT2, Ochratoxin A, Vomitoxin (Deoxynivalenol), Zearalenone
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> AOAC® OMA 2016.01 –in dry pet food (dog)

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 E.coli Count Plates (MFHPB-34)
CTL-3MMDSSOP	<p>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</p> <p><i>Salmonella</i> (MFLP-100– in foods, AOAC® OMA 2016.01 – in foods and environmental samples)</p> <p><i>Escherichia coli</i> O157:H7 (AOAC® OMA 2017.01 – in foods)</p> <p><i>Listeria spp.</i> (MFLP-101 –in environmental surfaces, AOAC® OMA 2016.07 – in foods and environmental samples)</p> <p><i>Listeria monocytogenes</i> (AOAC® OMA 2016.08 – in foods and environmental samples)</p>
CTL-3MENTSOP	Enumeration of <i>Enterobacteriaceae</i> species in Foods and Environmental Samples using 3M Petrifilm Enterobacteriaceae Count Plates (MFLP-09)
CTL-CIIPSOP	<p>Confirmatory Steps on Isolation and Identification of pathogens (<i>Salmonella</i>, <i>Escherichia coli</i> O157:H7; <i>Listeria species</i>, <i>Listeria monocytogenes</i>) in Foods and Environmental Samples:</p> <p><i>Escherichia coli</i> O157:H7 (MFHPB-10 Only for Section 6.6.1 and Section 6.6.3 to Section 6.8.5)</p> <p><i>Salmonella</i> (MFHPB-20 Only for Section 6.3 to Section 6.6)</p>

	<i>Listeria</i> species and <i>Listeria monocytogenes</i> (MFHPB-30)
CTL-MYCSOP	See listing above under "Feeds (Microbiology)"

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental:

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-APDASOP	Discrete Analysis of Alkalinity, NO ₂ , NO ₃ , Cl ⁻ , NH ₃ , NH ₄ and SO ₄ by Thermo Scientific Gallery Analyzer

Water (Microbiology)

CTL-QTSOP	Determination and Quantification of <i>Total Coliforms</i> , <i>Fecal Coliforms</i> and <i>Escherichia coli</i> in water samples using Enzyme Substrate Test (Colilert QuantiTray /2000) (APHA9223 B & E)
CTL-TCFCWSOP	Determination of Total Coliform and Fecal Coliform in Water Samples Using Membrane Filter technique (APHA 9222 A to D)

Number of Scope Listings: 30

Notes:

ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories

AOAC: Association of Official Agricultural Chemists

CTL: Laboratory Internal Test Methods

ICP/OES: Inductively Coupled Plasma / Optical Emission Spectroscopy

MFHPB: Analytical Methods, Health Products and Food Branch, Health Canada. Analytical methods for the microbiological safety of foods

MFLP: Compendium of Analytical Methods, Health Products and Food Branch, Health Canada. Analytical methods for the microbiological safety of foods.

APHA: American Public Health Association



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Publication on: 2024-12-05