Parameters of Analysis

- *E. coli* including O157:H7 (Human pathogen – Fecal indicator)
- *Salmonella* (Human/Animal pathogen)
- *Listeria spp.* including *L. monocytogenes* (Human/Animal pathogen – common soil bacteria)
- *Staphylococcus aureus* (Human pathogen – commonly found on skin – food handlers)
- **Aerobic Count** (General Bacteria Count – Overall sanitation)
- **Coliform** (Fecal indicator)
- **Yeast & Mold** (Spoilage)
- **Pseudomonas** (Human/Plant pathogen – common in water)
- **Enterobacteriacieae** (Gut/Intestinal bacteria)
- **Gram-Negative Bile Tolerant Bacteria** (GNBTB – Gut/Intestinal Bacteria)
- **Lactic Acid Bacteria** (Common in fermentation/preservation)
- **pH**
- **Total suspended solids** (TSS)
- **Biological Oxygen Demand** (BOD)

Compliance & Regulation

Specializing in microbial pathogen analysis, we can provide a result in compliance with the *Ontario Agriculture, Food and Rural Affairs* (OMAFRA), the *Canadian Food Inspection Agency* (CFIA) and the *Ontario Ministry of Environment, Conservation and Park* (MECP). Our accredited methods allow for sample compliance requirements under the *Safe Water Drinking Act (2002),* the *Safe Food for Canadians Act & Regulations* and the *Food and Drugs Act.*

OWTC is proudly accredited to ISO/IEC 17025:2017 by the *Canadian Association for Laboratory Accreditation* (CALA). OWTC also possess Analytical Testing Licenses with:

- *Ontario Ministry of Environment, Conservation and Park* (MECP) for the analysis of regulated drinking waters
- *Health Canada* for the analysis of Cannabis samples.

For the complete list of accredited methods and license certificate download, please visit our website at OWTC.net

Ontario Water Testing Centre

OWTC INC.

20 Currie St.

Chatham, Ontario, N7M 6J9

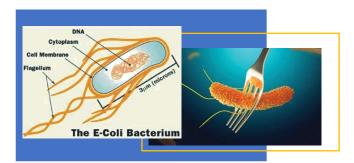P: 519-351-8266

Email: oftc@teksavvy.com

Website: OWTC.net

About Us

The *Ontario Water Testing Centre* (OWTC) is a licensed and accredited Analytical Microbiological Testing Laboratory dedicated to managing internal and regulatory compliance needs. Our customers have a peace of mind knowing that their products, water and/or facilities are clean and void of recalls and product rejections. Conveniently located in Chatham, ON, OTWC has assisted food producers and water system operators for over 30 years.

Rapid Results

Utilizing the latest in Heath Canada approved technologies, our patented rapid detection screening methods produce results within 24 hours - for a fraction of the cost. With rapid report turn-around, OWTC reduces labour costs required to get your product to market, while minimizing transition costs and maximizing margins!

The E-Coli Bacterium

Quality Assurance

OWTC highly trained scientists assist Quality Assurance teams in determining a consistent and compliant sampling protocol for food/water samples, as well as surface swabs following an Environmental Monitoring Program (EMP).

Be sure to speak with our team about your research and development needs, and inquire about our product shelf life analysis. We can work with your team to determine how your product's microbial profile changes overtime and provide results that are meaningful to you. Let us help you to get your product safely to market.

Micro-Facts

Did you know that there are more bacteria cells growing on you, and inside of you, than there are your own cells?

Lactose interolerance is caused by your body not producing enough lactase enzyme required to breakdown lactose. Instead, your gut bacteria (coliforms) ferment the excess lactose, producing gas and causing abdominal cramps and bloating.

Results That Count

Why do we test for bacteria?

Bacteria have been evolving for 4 billion years, and are one of the most primitive forms of life, typically consisting of single cells. Although there are many beneficial and helpful bacteria, there are also pathogenic bacteria that cause human, animal or plant diseases.

- Listeriosis
- Salmonellosis
- Typhoid Fever
- Pneumonia
- Meningitis
- Osteomyelitis
- Endocarditis
- Bacteremia
- Sepsis
- Gastroenteritis
- Urinary Tract Infections
- Hemorrhagic colitis
- Crohn's disease
- Hemolytic-uremic syndrome