

Microbiology Laboratory Services

Independent experts
to meet your needs



The Public Health and Safety Company™

Experience

Since 1944 we have provided a broad range of services including aerobic and anaerobic microbiology, mycology, virology, and parasitology. Ongoing services include development and participation in validation studies for the U.S. EPA and private organizations, as well as contract research.

Diversity

Our team offers expertise in clinical, food and water, environmental and molecular microbiology.

Expertise

- Testing to established methods: EPA, FDA, AOAC, ASTM, APHA, USP, as well as international standards.
- Research and Development – our extensive background offers a unique perspective for servicing your R&D needs.

NEW!!!

NSF now has molecular capabilities, allowing for:

- *Rapid detection/identification of organisms from food or other matrices.*
- *Confirming the presence or absence of GMOs*
- *Protein analysis*

Capabilities

FOOD MICROBIOLOGY

- Food-borne Pathogen Detection
- Challenge Organism Testing
- Shelf-Life Studies
- Food Allergen Testing

DAIRY MICROBIOLOGY

- Direct Microscopic A – DMSCC
- Bacterial Plate Counts
- Antibiotic Resistance Testing – BsDA
- Pathogen Identification

WATER MICROBIOLOGY

- Bottled Water/Packaged Ice
 - Heterotrophic Plate Count
 - Coliforms, E. coli, Enterococci, Yeast and Mold, Pseudomonas spp., Legionella spp.
- Beach water testing
 - Coliforms, E. coli, Enterococci
- EPA-MPA Methodology
- EPA 1623/1624 Methodology for Cryptosporidia and Giardia
- EPA Purifier Guide Testing

ENVIRONMENTAL MICROBIOLOGY

- Feasibility Studies
- Treatability Studies
- Aerobic/Anaerobic Respiration and Metabolism Studies
- Bioremediation Consulting Service
- Groundwater Risk Assessment

IN-VITRO TOXICOLOGICAL TESTING

- Ames Assay

MEDICAL DEVICES

- Sterility
- Cleanability
- Bioburden
- Biocompatibility
- Process Validation
- Cytotoxicity

QUANTIFICATION AND IDENTIFICATION

- Standard Plating and Biochemical Techniques
 - Aerobic Bacteria
 - Yeast and Mold
 - Anaerobic Bacteria
- Molecular Techniques
 - PCR
 - Bacterial, Viral, Fungal and Protozoan
 - Protein Analysis
 - Genetic Identification and Characterization

INDUSTRIAL/RESIDENTIAL AIR QUALITY

- Swab Testing
- Indoor Air Analysis

DISINFECTANT EFFICACY TESTING

- EPA, FDA, and ASTM Protocols
- Wisconsin Sanitizer Methodology
- Antimicrobial Hand Sanitizers
- AOAC Disinfectant and Germicidal Use
 - Dilution Testing

Global Recognition

- National Environmental Laboratory Accreditation Program (NELAP) certification in:
 - California – New Jersey – Florida – New Hampshire – Pennsylvania – Illinois
 - Oregon – Kansas – New York – Utah – Louisiana
- Individual state certifications for drinking water:
 - Connecticut – Maryland – Michigan – South Carolina – Indiana
- Accredited to ISO 17025
- Various international recognitions and accreditations:



World Health Organization
Collaborating Centre
for Food Safety and for
Drinking Water Safety
and Treatment



Accredited by the
American National
Standards Institute



Accredited by the
Standards Council
of Canada



Environmental Technology
Verification



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