

Food Microbiology

Coliforms

- Total coliform
- E. Coli, Fecal coliform

Lactic Acid Bacteria

- Lactobacillus
- Bifido bacteria
- Fecal Streptococcus

Microbial Identification

- Bacterial identification
- Mold identification
- Yeast identification

Pathogens by ELISA

- Salmonella
- Listeria
- E. Coli O-157-H7

Pathogens by PCR

- Salmonella
- E. Coli O157-H7
- Listeria spp.
- Listeria monocytogenes

Standard Plate Count

- Aerobic plate count
- Anaerobic plate count
- Mesophylic plate count
- Osmophylic plate count
- Total plate count
- Psychrotrophic plate count

Other Bacteria

- Bacillus cereus
- Bacillus thuringensis
- Clostridium botulinum
- Clostridium perfringens
- Enterobacteriaceae
- Flat sours
- Gram negative bacteria
- Minimum inhibitory concentration
- Pseudomonas
- Staphylococcus aureus
- Yeast / Mold

Other Capabilities

- Class 10 Sterile isolation facilities
- Microbial assays for antibiotics
- Antimicrobial preservative effectiveness testing
- Bacterial endotoxin tests
- Sterility tests
- Microbial limit tests
- Cleaning validation
- Fungal resistance testing
- Identification of organisms (bacteria, yeasts and molds)
- Microbial assays of vitamins
- Total plate counts of pathogenic bacteria (Listeria, Salmonella, E. Coli O157: H7, gram positive staphylococci, etc.)
- Quick detection of pathogenic bacteria (ELISA, PCR)
- Detection and quantification of GMO's by ELISA and PCR
- Detection of allergens (peanut, eggs, milk) and mycotoxins
- Certification of drinking water, beaches and pools
- Microbiological method development and research projects
- Pathogen Challenges
- Shelf Life (Stability) Testing
- Class 100 (microsphere)
- Bioburden
- Method validation with products (Pharmacopae)

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