



Microbiology

Lancaster Laboratories offers a comprehensive range of microbiology services with a strict adherence to cGMP requirements in support of sterile and non-sterile facility monitoring for biopharmaceuticals, including raw materials, cell lines and unprocessed bulk testing.



Why Choose Lancaster Laboratories?

- We have been a pioneer in the microbiology outsourcing industry for over 20 years, offering you experience that includes more than 3,000 product validations and more than 1,000 sterility tests performed each year using isolator technology.
- We have one of the largest Microbiology Departments in the industry, assuring that you will have the resources necessary to complete your project quickly and effectively.
- Our state-of-the-art controlled and HEPA-filtered microbiology laboratory facilities ensure contamination-free testing of your products.

Testing Available

- Mycoplasma
- Sterility
- Endotoxin
- Particulate Matter
- Microbial Immersion Studies
- H₂O₂ D-value Studies
- AAMI Sterilization Validation
- Media Fills
- Microbial Limits
- Antimicrobial Preservative Effectiveness
- Bioburden Studies
- Water Activity
- Process Water Testing
- Environmental Monitoring
- Disinfectant Efficacy Testing
- Biological Indicator Analysis
- Organism Identification
 - Fatty Acids Analysis (FAME)
 - Mold Identification
 - Sequence Analysis (MicroSeq®)
 - Ribotyping

Equipment Used

- MicroSeq® Microbial Identification System
- Qualicon Riboprinter Microbial Identification System
- GC-based Microbial Identification Systems
- La Calhene soft-wall isolator system for sterility testing, including three dual half-suit workstation isolators and three transfer isolators, as well as a Skan PSI-M Isolator with Sara-M Airlock
- Class A/B Cleanroom
- Millipore Integral Steritest™ systems for membrane filtration sterility testing
- Steris VHP® 1000 systems for isolator decontamination
- HIAC Liquid Particle Counting System and PharmSpec software
- Endoscan V system for Kinetic Turbidimetric/Chromogenic Endotoxin Testing
- Aqualab water activity meters
- 15 Biosafety cabinets – capable of handling Biosafety Level 2 materials

Discover our solutions at: LancasterLabsPharm.com

Global Services:

Biochemistry
Cell Bank Manufacturing
Facility & Process Validation
Method Development & Validation
Microbiology
Molecular & Cell Biology

Mycoplasma Services
Raw Materials Testing
Release Testing
Residuals & Impurities Testing
Stability Testing & Storage
Viral Clearance & Viral Safety

Facilities:

USA
Lancaster, PA | 717-656-2300
Portage, MI | 269-323-3366

Ireland

Dungarvan Co. Waterford | 00 353 (0) 58 48300