



FACILITY OVERVIEW

Dublin, Ireland

Our Microbial Solutions site in Dublin, Ireland offers a progressive portfolio of quality control testing solutions for the pharmaceutical, medical device, and consumer care industries to help bring products to market safely and efficiently. Our products and services are designed to streamline workflows and supply chains, ensure the integrity of test data, and allow you to release products with the confidence of total quality control.

Background

- Founded in December 2017
- Microbial Solutions product distribution site within Europe and Asia

Laboratories and Facilities

- Accugenix® microbial identification and strain typing services lab
- Celsis® rapid microbial contamination testing services lab
- Endosafe® rapid and traditional bacterial endotoxin testing services lab
- Instrument support and depot service lab
- Limulus Amoebocyte Lysate (LAL) training facility

Staff

- Approximately 30 employees (with degrees including PhD, DVM, and MSc)

Product and Services Offerings:

Accugenix® Microbial Identification and Strain Typing [ISO17025]

- Prototypic identification [MALDI-TOF]
- Genotypic identification [DNA Sequencing]

Celsis® Rapid Microbial Contamination Detection [ISO9001]

- Customer evaluation testing, method development, and troubleshooting

Endosafe® Bacterial Endotoxin Testing

- Customer evaluation testing, method development, and troubleshooting
- Release testing of Endosafe® accessories

Instrument Depot Services [ISO9001]

- Annual calibration, on-demand service, and repairs for the Endosafe®-PTS™ (PTS100), Endosafe®-MCS™ (MCS100), Endosafe® nexgen-PTS™ (PTS150), and Endosafe® nexgen-MCS™ (MCS150) instruments

Training Lab [ISO9001]

- Dedicated lab designed to facilitate hands-on LAL training and workshops



EVERY STEP OF THE WAY

Compliance, Certifications, Accreditations, and Professional Affiliations

The Microbial Solutions Dublin facility operates in compliance with the following regulatory agencies or accredited organizations:

- ISO 9001
- ISO 17025 [A2LA accreditation for Accugenix® Microbial Identification]

Quality and Process Initiatives

Accugenix®

- Real-time Tracking and Trending tools for monitoring manufacturing environments.
- Harmonized global labs applying the same validated methods.

Technical and Instrument Services

- Our knowledgeable customer service and support teams process orders, provide product and service pricing and availability, and coordinate shipping logistics.
- Our experienced specialists troubleshoot technical issues to improve the compliance and efficiency of your quality control testing programs.

Achieving Sustainability Through the 3Rs Imperative

- Reducing the use of animals in pharmaceutical testing is a well-established initiative influencing the industry. The 3Rs (Replace, Reduce, Refine) are fundamental principles for driving ethical research, testing, and education using animals. We are firm in our commitment and compliance to the 3Rs initiative, as these principles are being incorporated into legislation, guidelines, and practice.
- As an LAL manufacturer, Charles River has helped alleviate pressures on horseshoe crab populations through conservation and animal welfare practices.
- We have developed new models and tools based on the latest innovative technologies that use 95% less raw material than traditional endotoxin testing methods through our Endosafe® cartridge technology.

- This technology significantly reduces the amount of LAL per test, minimizes the need for retesting that is often necessary with traditional methods, and ensures the safety of an FDA-licensed method.
- If all global endotoxin tests shifted to cartridge technology, Charles River alone could meet the global supply from our current annual quota. This technology would allow us to reduce the numbers of horseshoe crabs collected, yet still keep conservation in place.