



# Microbiology Testing

Rigorous testing protocols to uphold the highest safety standards



Strict adherence to **GMP**, cGMP, GLP, ISO 17025, OHSAS 18001, ISO 9001, ISO 14001 and international pharmacopeia

## Sterile Products

- ✓ Sterility testing
- ✓ Media fill test (MFT)
- ✓ Container closure integrity test (CCIT)
- ✓ Bioburden analysis
- ✓ Mycoplasma detection by qPCR
- ✓ Verification and incubation/reading of biological indicators

## Nonsterile Products

- ✓ Microbial enumeration test (MET) – analysis of total counts and specific microorganisms
- ✓ Identification of microorganisms by DNA sequencing and Maldi-ToF
- ✓ Bioburden analysis
- ✓ Preservative efficacy testing (Challenge test)
- ✓ Microbial assay of antibiotics
- ✓ Growth promotion test of growth media
- ✓ Water activity determination (Aw)

## Pyrogens and Endotoxins

- ✓ **Monocyte Activation Test (MAT) for Pyrogen Detection:**
  - PBMCs
- ✓ **Bacterial Endotoxin Test (BET) / LAL Test:**
  - Kinetic turbidimetric assay (KTA)
  - Kinetic chromogenic assay (KCA)
  - Gel clot assay (GCA)
- ✓ **Alternative Endotoxin Detection Methods:**
  - Factor C assay
  - Beta-D-glucan test

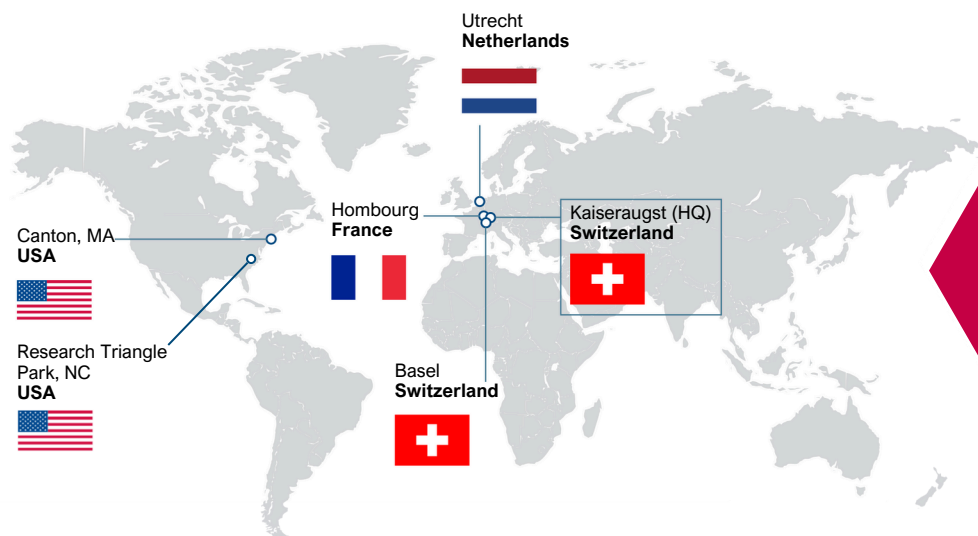
## Studies

- ✓ Cleaning Validation
- ✓ Disinfectant Efficacy Validation



## Why partner with us?

- CDMO/CRO
- Founded in 1999
- 800+ team members
- 175+ PhD-level scientists
- GMP, GLP, ISO9001 certified
- 22.5K sqm of lab capacity
- 700+ customers worldwide
- 6 centers of excellence



Contact us to speak with  
an expert: [info@solvias.com](mailto:info@solvias.com)

  [solvias.com](https://www.solvias.com)

