



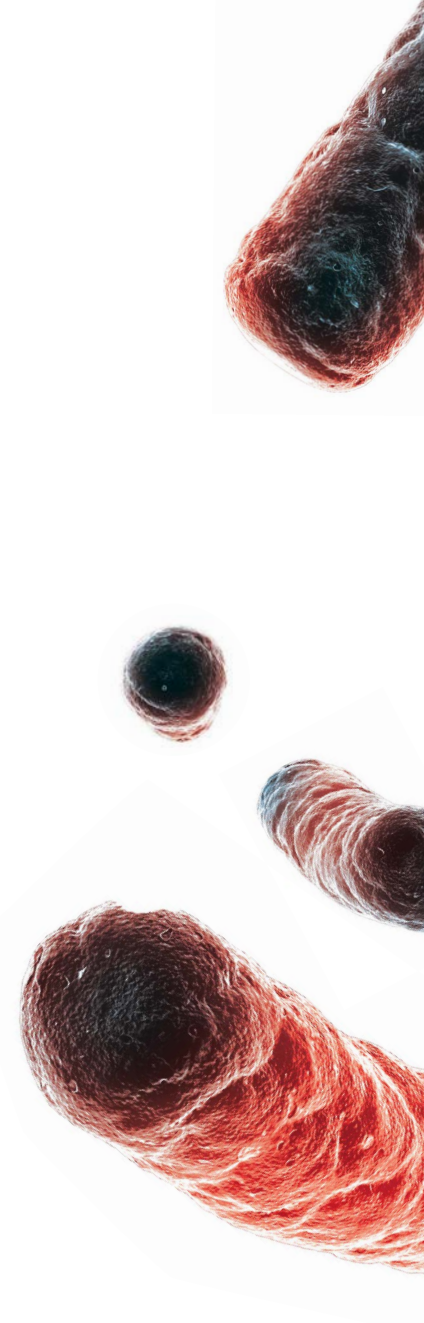
Pharmaceutical Microbiology

# Your experienced partner for drug manufacturing safety

Thermo Scientific™ Pharmaceutical  
Microbiology Solutions

# More experience. More support. More confidence.

Thermo Fisher Scientific understands patient safety is paramount, so ensuring strict regulatory compliance is non-negotiable. We deliver a range of validated solutions for pharmaceutical microbiology laboratories, supporting the production and quality assurance of sterile and non-sterile pharmaceuticals, vaccines and biotechnology products.



# Thermo Scientific Microbial Testing in Pharma

You can confidently rely on our product quality and expertise every step of the way. Our workflow supports strict regulatory compliance from raw materials to finished product, and from environmental monitoring to microbial identification and media fills.



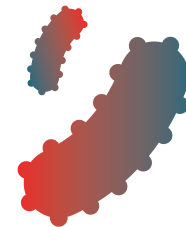
Raw  
Materials



Environmental  
monitoring



Aseptic process  
control



Microbial  
identification



Sterility  
testing

Quality products for your entire workflow

Click on each step to find out more

# Superior solutions for every step



## Raw materials

### Quality finished products need quality materials

Protect the quality and safety of your finished products with a wide selection of high-quality base products, supplements, and special blends. [Thermo Scientific™ Dehydrated Culture Media](#) is formulated from our very own derivatives, and as manufacturers of animal and vegetable-derived peptones, we have complete control of the process from start to finish. This means that all media reaching your benchtop has been rigorously tested for quality and consistency.



### Featured products

- **Convenience formats** — [find out more](#)
- **Standard packs** — [find out more](#)
- **Media supplements** — [find out more](#)
- **Laboratory preparations** — [find out more](#)
- **Vegetable peptones** — [find out more](#)

# Superior solutions for every step



## Environmental monitoring

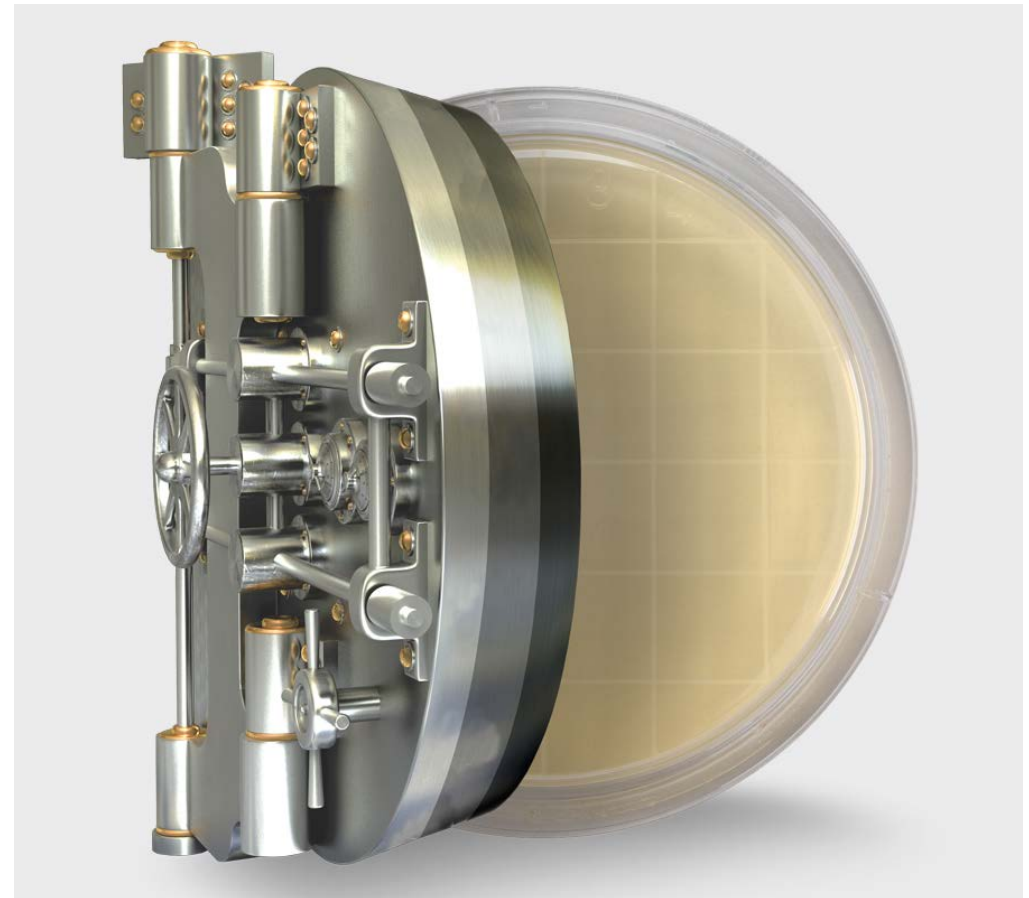
### Surface sample processing made easy

You'll never need to think twice about meeting testing guidelines with our extensive range of regulatory-compliant [Thermo Scientific™ Prepared Culture Media](#). Our microbial limits, environmental monitoring and water testing products provide the ultimate in manufacturing suite, cleanroom and isolator confidence.

- **Safety** — We minimize risk with extra protective barrier layers, enhanced moisture control elements, fully documented media fertility certificates, hygienic polypropylene packaging and insulated shippers for safe transportation to your facility.
- **Performance** — Thanks to extensive quality control testing and shelf-life studies, you can rely on optimum performance in accordance with USP/EP/JP.
- **Selection** — We offer a wide variety of formulations, in both irradiated and non-irradiated formats, so finding what you need to monitor and control your environment is always seamless.

### Featured products

Designed for your most sterile environments, [Thermo Scientific™ Triple Wrapped Irradiated Plates](#) feature the latest in quality-assurance technology. From advanced layered protection to enhanced performance, it's the superior choice for environmental monitoring.



# Superior solutions for every step



## Aseptic process control

### Media fills made effortless

Media fills play a critical role in validating aseptic manufacturing processes, cleanroom and environmental monitoring protocols. It's essential to use a sterile growth medium as the placebo in place of your final product liquid. We reduce the burden of media fills with [Thermo Scientific™ BioProcess Containers](#) (BPCs) in two of the most common vegetable-based formulations.

### Assurance at high quality

You need consistent microbiological evaluation of pharmaceuticals for effective, high-performance products. We've got [Thermo Scientific™ Quanti-Cult Plus™ Quality Control Organisms](#). They offer the most comprehensive selection of QC strains that meet harmonized pharmacopeia. Reduce the risk of contamination with quantitative quality control microorganisms derived from authentic, high-quality ATCC®\* cultures, in a safe, ready-to-rehydrate vial.



# Superior solutions for every step



## Aseptic process control

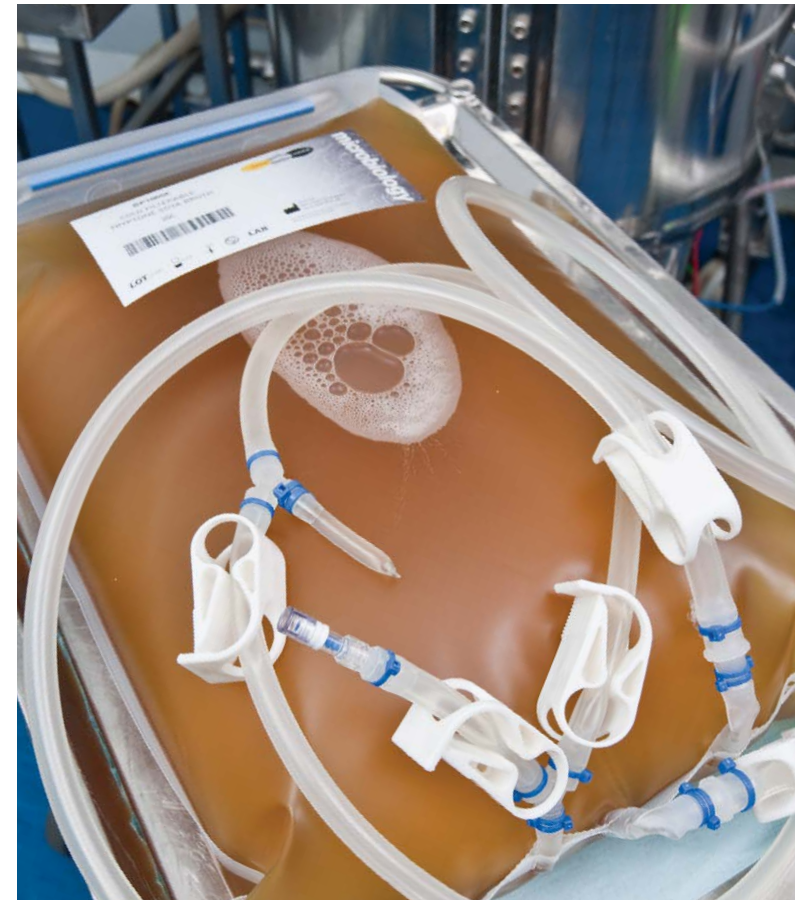
### Featured products

**Cold Filterable Tryptone Soya Broth (TSB) in BPCs** – Standard tryptone soya broths may cause filter blockages that can lead to interruptions in the process simulation. Our ready-to-use, cold-filterable media is produced and tested to guarantee quantified, minimum throughput in relation to most 0.2 micron filter medium.

**Cold Filterable Vegetable Peptone Soya Broth in BPCs** – Where an ADCF product is required, our vegetable peptone broth is a performance conformant alternative to tryptone soya broth.

### Thermo Scientific™ Quanti-Cult Plus™ Quality Control Organisms

- Quanti-Cult Plus *Aspergillus brasiliensis* ATCC™ 16404™ — [find out more](#)
- Quanti-Cult Plus *Bacillus subtilis* ATCC™ 6633™ — [find out more](#)
- Quanti-Cult Plus *Candida albicans* ATCC™ 10231™ — [find out more](#)
- Quanti-Cult Plus *Clostridium sporogenes* ATCC™ 19404™ — [find out more](#)
- Quanti-Cult Plus *Pseudomonas aeruginosa* ATCC™ 9027™ — [find out more](#)
- Quanti-Cult Plus *Staphylococcus aureus* subsp. *aureus* ATCC™ 6538™ — [find out more](#)



# Superior solutions for every step



## Microbial identification

### High speed meets cost-effective

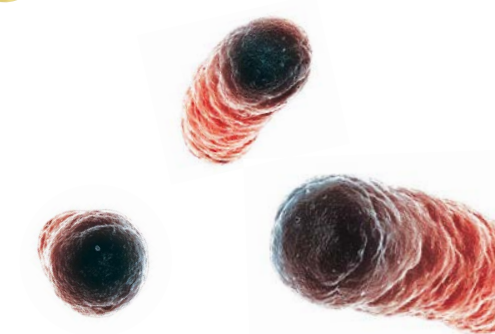
You're probably always looking for new ways to cut costs in your lab without sacrificing quality. So you'll be pleased to hear that our microbiology portfolio boasts a number of affordable solutions, including [Thermo Scientific™ RapID™ Systems](#) for cost-effective, manual identification of a broad spectrum of microorganisms. Visible color reactions and comparison to reactivity patterns are stored in an extensive database to aid interpretation and reduce subjectivity.

### Featured products

**RapID ANA II System** – For medically important anaerobic bacteria. Panel includes 18 substrates for the identification of more than 90 species.

**RapID STAPH PLUS System** – For medically important *Staphylococcus* species and related organisms. Panel includes 18 substrates for the identification of more than 40 species.

**RapID YEAST PLUS System** – For medically important yeast and yeast-like organisms. Panel includes 18 substrates for the identification of more than 40 species.





# Superior solutions for every step



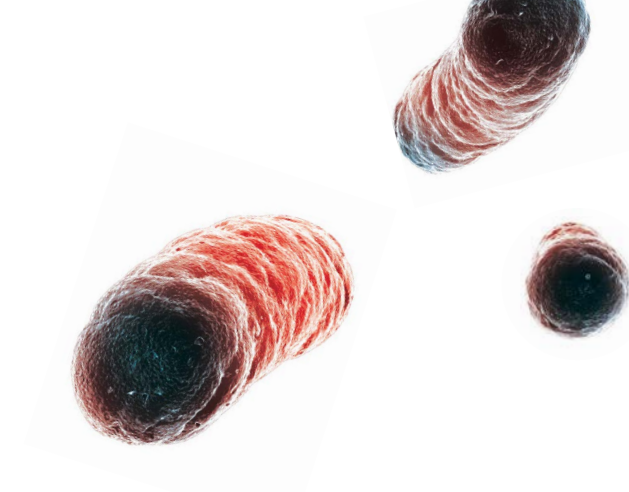
## Sterility testing

### Meet cleanroom requirements with ease

Thermo Scientific products come in packaging that's been specially designed with your needs in mind. Inspired by feedback from our valued customers, we developed a range of bottled, bagged and plated products. Every one is manufactured in GMP facilities, which include cleanroom environments and sterilized by validated methods, to avoid any chance of inadvertent contamination.

### Featured products

Manufactured with the highest quality raw materials and components, our comprehensive selection of **Thermo Scientific™ Remei™ and Oxoid™ Prepared Bottled Media** provides superior quality and proven performance in a range of both standard and custom formulations.





### Committed to safety

Under the Thermo Scientific brand, we promise a range of validated solutions for the pharmaceutical microbiology laboratory, that support the production and quality assurance of sterile pharmaceuticals, vaccines and biotechnology products.

We harness the latest technology, formulated in our expanded, state-of-the-art manufacturing facilities, and backed by a team of experts dedicated to microbiology. This is how we we deliver high-performance pharmaceutical microbiology products that your laboratory can depend on, for results you can trust.



Learn more at [thermofisher.com/pharmamicrobiology](https://thermofisher.com/pharmamicrobiology)  
or email us at [microbiology@thermofisher.com](mailto:microbiology@thermofisher.com)



ATCC Licensed  
Derivative

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