

MICROBIOLOGICAL REFERENCE MATERIALS

Pharmacopoeia



EXPERIENCE

ielab is a company belonging to SUEZ group that has a wide experience providing services and products related to the application of quality in laboratories. Our main products are **Reference Materials**, including **Accredited Reference Materials** according to ISO 17034 (BACredi), and **Proficiency Test Schemes accredited** according to ISO 17043.

PHARMACOPOEIA

ielab offers quantitative **Microbiological Reference Materials**, presented in tablet format, for the different strains indicated in the **European Pharmacopoeia**:

- *Escherichia coli* ATCC 8739
- *Clostridium sporogenes* ATCC 11437 y ATCC 19404
- *Pseudomonas aeruginosa* ATCC 9027
- *Staphylococcus aureus* ATCC 6538
- *Bacillus subtilis* ATCC 6633
- *Bacillus cereus* ATCC 11778
- *Candida albicans* ATCC 10231
- *Aspergillus brasiliensis* ATCC 16404
- *Salmonella* spp. serovar *Abony* NCTC 6017
- *Salmonella* spp. serovar *Typhimurium* ATCC 14028

This materials are available in three **different concentration ranges**:

- ❖ Low: <100 cfu/0.1mL
- ❖ High: >100 cfu/0.1mL
- ❖ Extra high: 10^7 - 10^8 cfu/tablet
(10^5 - 10^6 cfu/0.1mL)

APPLICATIONS

- ☐ Growth promotion
- ☐ Bioburden test
- ☐ Nutritional adequacy
- ☐ Challenge test
- ☐ Antimicrobial effectiveness
- ☐ Preservative efficacy

“IN HOUSE” STRAINS

ielab offers to the pharmaceutical, para-pharmaceuticals and cosmetic companies the service for manufacturing **Reference Materials** from their own strains or isolated strains obtained in their facilities. **ielab** offers also an identification service by sequencing for the “in house” isolated strains.

BAControl



BACuanti



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SPECIAL SERVICES

BAControl SELECTION

Kit Challenge Test (5-10 units)

Concentration: 10^5 - 10^6 cfu/0.1mL

- *Escherichia coli* ATCC 8739
- *Staphylococcus aureus* ATCC 6538
- *Pseudomonas aeruginosa* ATCC 9027
- *Candida albicans* ATCC 10231
- *Aspergillus brasiliensis* ATCC 16404

Kit Growth Promotion (5-10 units)

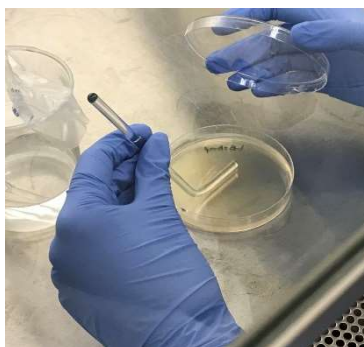
Concentration: <100 cfu/0.1mL

- *Clostridium sporogenes* ATCC 11437
- *Pseudomonas aeruginosa* ATCC 9027
- *Bacillus subtilis* ATCC 6633
- *Candida albicans* ATCC 10231
- *Aspergillus brasiliensis* ATCC 16404

DOUBLE QUANTIFICATION

ielab offers **References Materials** quantified (<100 cfu) by means of 0.1 mL spread plate methods, both in general culture medium and in the specific culture medium indicated by the **European Pharmacopoeia in section 2.6.13**, for each of the following microorganisms:

- *Escherichia coli* ATCC 8739
- *Clostridium sporogenes* ATCC 11437 y ATCC 19404
- *Pseudomonas aeruginosa* ATCC 9027
- *Staphylococcus aureus* ATCC 6538
- *Salmonella* spp. serovar *Abony* NCTC 6017
- *Salmonella* spp. serovar *Typhimurium* ATCC 14028
- *Aspergillus brasiliensis* ATCC 16404
- *Bacillus subtilis* ATCC 6633
- *Candida albicans* ATCC 10231



OTHER SERVICES

In **ielab** we are at the service of our clients and their needs, do not hesitate to contact us for any project or activity in which we can be useful to you, beyond our catalogue products such as:

- Organization of inter-laboratory tests
- Internal quality controls
- Hazard Analysis and Critical Control Points (HACCP)
- Validation of cleaning or sterilization processes

If you need more information please, do not hesitate to contact us at the e-mail address comercial@ielab.es, we will be glad to assist you.

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