

# PROFICIENCY TESTING SCHEMES IN COSMETICS

**ielab**, accredited provider by ENAC (Schedule 2/PPI007)

**ielab** is a company with more than 20 years of experience providing services and products to facilitate quality control in testing laboratories, as synonymous of reliability and confidence.

The participation of COSMETICS companies in this PTS will provide them with a valuable tool for their laboratory, which will allow them to ensure the **quality** of the results they issue through an independent assessment of their data, and better comply with their quality assurance system ISO 22716 (GMPs). In addition, their participation will help them to improve aspects of **performance** and to demonstrate their **technical competence** for clients and public bodies.



## ielab COSMETICS PTS

### What cosmetics are studied?

The inoculated matrices are varied, including different types of cosmetics, such as facial cream and shampoo.

### Which parameters are analysed?

10 microbiological parameters will be included for qualitative or quantitative analysis:

Aerobia	<i>Burkholderia</i>
<i>Candida</i>	Clostridia
Coliforms	<i>Pseudomonas</i>
<i>E. coli</i>	<i>Staphylococcus</i>
Molds and Yeast.	

### When will it take place?

This PTS will count with 2 rounds, which will take place in the months of April and October 2022.

### How do I sign up?

Access **ielab** website ([www.ielab.es](http://www.ielab.es)), create your customer profile and sign up for the rounds of the COSMETICS PTS, as well as for any of the available rounds (see the complete offer of 2022 PTS in our catalogue).



## CHARACTERISTICS OF ielab PTS

### 1. Confidentiality

The confidentiality of the results is guaranteed by means of an individual numerical participation code for each participant.

### 2. Samples

Natural matrices are supplied. Homogeneity and stability are ensured according to ISO 17043.

### 3. Methods and culture media

To carry out the analyses, the participants can use the methods and culture media that they usually use and/or are of their choice.

### 4. Digital Platform

**ielab** counts with a system for the comprehensive management of all related processes through the website ([www.ielab.es](http://www.ielab.es)), as well as computer developments for carrying out statistical calculations and reports.

### 5. Statistical studies

The criteria of the IUPAC protocol and of the ISO 13528 Standard are followed. For each parameter, the assigned value, the standard deviation for the evaluation of suitability and the uncertainty are calculated. Laboratory results are evaluated using the z-score statistical criteria.

### 6. Results reports


Each report is reviewed and validated by highly experienced technical staff. Information on the development of the PTS is included, as well as the statistical analysis of the results received.

Additional sending of a personalized report with the results of each participant.


OTHER 2022 ielab PTS  
320 parameters  
24 PTS  
12 matrices



**COSMETICS**  
Microbiology



**IN SITU INDOOR AIR QUALITY**  
Physical-chemical  
Microbiology  
Surfaces




**POTABLE WATER**  
Physical-chemical A  
Physical-chemical B  
Physical-chemical C  
Microbiology




**CONTINENTAL WATER**  
Raw Water  
Microbiology




**WASTE WATER**  
Physical-chemical  
Reclaimed Water  
Microbiology



**SEA WATER**  
Physical-chemical and  
Microbiological Parameters



**ATMOSPHERIC POLLUTION**  
Stack emissions



**SOLIDS**  
Soils: Physical-chemical  
Sludges: Physical-chemical  
Sludges: Microbiological  
Solids in Waste Water



**LEGIONELLA**  
*Legionella* Culture  
*Legionella* PCR



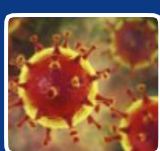
**BACTERIOPHAGES**  
Somatic Bacteriophages  
F-specific Bacteriophages




**BOTTLED WATER**  
Bottled Water



**SWIMMING POOL WATER**  
Swimming Pool Water



**SARS-CoV-2**  
Evaluation: Concentration,  
Extraction and Amplification



**IN SITU ANALYSES**  
*in situ* analyses and sampling:  
Physical-chemical – Alicante  
*in situ* analyses – Madrid

OTHER  
ielab  
PRODUCTS

Microbiological  
Reference  
Materials

Physical-Chemical  
Reference  
Materials

Molecular  
Diagnostic  
Solutions

Tailor-made  
Services