

## 2024 SCHEME – PROFICIENCY TESTS

### MICROBIOLOGY IN COSMETICS



In 2024, AGLAE provides **three interlaboratory comparisons to assess microbiological analyses in cosmetic products**.

Participating in these proficiency tests will enable **microbiological service providers and cosmetic industries** to evaluate the quality of their analyses within the profession and obtain guidelines for improvements.

Individual performance of each laboratory will be assessed. Laboratories will better observe potential anomalies through an appropriate test design (duplicate samples, repeated measurements) and the detailed study of the methods and culture media manufacturers will provide participants with the necessary elements to identify the origin of any anomalies.

#### CHALLENGE TEST IN COSMETICS (programme 110) – Accredited programme

Evaluation of the antimicrobial protection of cosmetic products



**Presence of preservatives → efficacy of the neutraliser to be checked**

- Receipt of 2 bottles containing 55 g or mL of a cream, lotion or gel
- Perform **preservation efficacy tests** for 2 couples strain/cosmetic product\*: determination of percent reductions at 48 hours, 7 days and 14 days according to ISO 11930 standard or an equivalent internal method. Participants must use their strains (*Candida albicans* and *Staphylococcus aureus* / lotion are planned).
- 1 test in November 2024
- Cost: € 492 excl. VAT for 1 test (transport costs excluded)



#### AEROBIC MESOPHILIC BACTERIA AND YEAST/MOULD IN COSMETICS (programme 111)

Enumeration of aerobic mesophilic bacteria and yeast/mould



**Presence of preservatives → the applicability of the method will have to be checked**  
(neutralisation of the preservative/check of the effectiveness of the neutralising agent)

- Receipt of 2 bottles containing 10 g or mL of a cream, lotion or gel
- 1<sup>st</sup> test in July 2024: enumeration of aerobic mesophilic bacteria according to ISO 21149 or equivalent method
- 2<sup>nd</sup> test in September 2024: enumeration of yeast and mould according to ISO 16212 or equivalent method
- Cost: € 511 excl. VAT for the 2 tests (transport costs excluded)

**New**

#### SPECIFIED MICRO-ORGANISMS IN COSMETICS (programme 112)

**Detection** of specified micro-organisms: *Escherichia coli*, *Candida albicans*, *Staphylococcus aureus* and *Pseudomonas aeruginosa*



**Presence of preservatives → the applicability of the method will have to be checked**  
(neutralisation of the preservative/check of the effectiveness of the neutralising agent)

- Receipt of 3 bottles containing 10 g or mL of a cream, lotion or gel
- 1<sup>st</sup> test in June 2024: detection of *Escherichia coli* according to ISO 21150 and of *Candida albicans* according to ISO 18416
- 2<sup>nd</sup> test in November 2024: detection of *Staphylococcus aureus* according to ISO 22718 and of *Pseudomonas aeruginosa* according to ISO 22717
- Cost: € 423 excl. VAT for the 2 tests (transport costs excluded)

**New**

**For any question, to get a quote and pre-register from now on, contact us:**

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