Fact sheet of the interlaboratory comparison:

Chemical disinfectants and antiseptics (EN 13727+A2 and EN 13697+A1)

Context and objectives:

As every year since 2015, the CT2M organizes in 2020 an interlaboratory comparison in the field of antiseptics and chemical disinfectants. For information, the previous edition of this comparison brought together 34 participating laboratories.
The objectives of this aptitude test are:

- ✓ Determine the performance of your laboratory,
- ✓ Ensure the quality of your results,
- ✓ Meet the normative and accreditation requirements.

The proficiency testing focuses this year on quantitative suspension tests for evaluating the activity of antiseptics and chemical disinfectants according to EN 13727+A2 and EN 13697+A1. This proficiency testing is organized for laboratories:

- ✓ Accredited according to ISO 17025, in the course of accreditation or not accredited,
- ✓ Europeans, internationals,
- ✓ From different fields of activity (research, services, industry, ...).

CT2M commitments:

- ✓ Confidentiality of results, protection of anonymity,
- ✓ Organization and exploitation of results according to standards in force (ISO 17043, ISO 13528).

Proficiency testing item:

- ✓ The product to be tested is: chloride of didecyldimethylammonium (DDA) 50%.
- ✓ The test organisms will be:
  - *Pseudomonas aeruginosa* according to EN 13727+A2,
  - *Candida albicans* according to EN 13697+A1.

Testing/Calibration Method(s):

The technical requirements of the test standards EN 13727+A2 and EN 13697+A1 shall be observed. A detailed protocol will be provided to each participant at the beginning of the campaign. The test conditions (contact time, temperature, clean/dirty conditions, ...) will be specified in this detailed protocol.
The comparison will take place in 2 steps:

- Step 1: determination of effective concentrations,
- Step 2: determination of reduction rates for imposed product concentrations.

Organization of the proficiency testing:

To ensure the quality of this campaign, the product to be tested will be provided by the CT2M and sent by carrier to each participant. The bottle will be sent to the postal address indicated in the completed registration form. At the end of each step, the participants will send their results by mail using the results files provided by the CT2M.

Final report:

At the end of the PT, the results will be treated statistically and a final report will be sent to the participants. It will contain the results of all participants (rendered with a codification to respect the anonymity), the normality studies and the outlier tests, the performance scores of all participants and all the other elements useful for the interpretation.

Important dates:

Key steps	Estimated deadline
Registration	Until 11th March 2020
Sending samples, protocol transmission and start of tests	10th April 2020
Receipt of results (steps 1/2)	22th May / 3rd July 2020
Sending the final report	15th September 2020

Participation fees: 750 € net total (*)

(*) This price includes the disinfectant provision and associated transportation costs, the results file to complete and the final report containing the exploitation of results. This price is valid for participants based in the European Union. Otherwise, additional fees may be applied.