Fact sheet of the interlaboratory comparison:

Chemical disinfectants and antiseptics 2025 – EN 13697 and EN 1276

1. Context and objectives:

In 2025, the CT2M organizes an international inter-laboratory comparison in the field of chemical antiseptics and disinfectants.

The objectives of this proficiency testing are:

- Evaluating the performance of participants in tests, and monitoring the maintenance of their performance;
- Identifying problems in laboratories which may, for example, relate to test methods, the effectiveness of staff training and supervision, or the calibration of equipment;
- Improving user confidence in test results;
- Identifying differences in test results;
- Training participants based on the results of these comparisons.

2. Proficiency testing item:

The product to be tested will be a commercial solution of glutaraldehyde 50%.

The strains tested will be:

- *Aspergillus brasiliensis* for EN 13697,
- *Pseudomonas aeruginosa* for EN 1276.

3. Testing Method:

The technical requirements of the test standards EN 13697 and EN 1276 must be strictly 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, etc.) will be specified in this detailed protocol.

The comparison will be carried out in 2 steps:

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

Participants can register for one or two standards depending on their needs. It is not mandatory to complete all the proposed tests in order to register.

4. Conditions for participation

The following condition must be met in order to take part: Possess the resources and facilities needed to carry out the tests/calibrations.

5. Organization of the proficiency testing:

To guarantee the quality of this proficiency testing, the product to be tested will be provided by CT2M (for participants located in the European Union) and sent by carrier. The bottle will be sent to the postal address indicated in the registration form completed by the participant.

Participants located outside the European Union will have to obtain the defined product by their own means. At the end of each step, participants will send their results by e-mail by completing the results file provided by the CT2M.

6. Assigned values and evaluation of performance:

The main objective of this interlaboratory comparison is the evaluation of the ability of each participant to obtain results in line with the results of all participants (z-score or z'-score depending on the number of participants).

The assigned value to meet this objective will be the robust mean of the participants' results determined from the A-algorithm defined in ISO 13528 after exclusion of outliers. The standard deviation for the proficiency evaluation and the uncertainties associated with the assigned values will be determined in order to establish the performance scores of each participant for each test.

The rounding rules and acceptance criteria for performance scores are those described in the ISO 13528 and ISO 17043 standards.

7. Report(s):

The final report will be distributed to all participants. The final report sent by the CT2M must not be distributed by participants outside their organisation. The information contained in the report may not be used by participants for scientific publications or any other communication medium.

8. Provisional schedule:

Key steps	Estimated deadline
End of registration	25 April 2025
Emailing of the detail protocol and the results form	2 June 2025
Shipment of products	2 June 2025
Receipt of results (phases 1 / 2)	20 August / 10 October 2025
Publication of the final report	November 2025

9. Price

Participation fees: 750€ net total (one standard) / 850€ net total (two standards)

This price includes the supply of the product and the associated transport costs (for participants located in the European Union), the provision of the results file to be completed, the participation protocol and the final report containing the analysis of results and the evaluation of performance. Participants outside the European Union will have to purchase the product to be tested, the supplier and the product reference will be indicated to them.

Option "Individual report": 150€ net total (in addition to the participation fees)
In addition to the full final report, you have the option of receiving a personalised individual report. This individual report will contain only your results, the assigned values, an assessment of your performance and a conclusion as to whether or not your results are acceptable.

10. Reciprocal commitments:

CT2M commitments:

The CT2M undertakes to:

- guarantee the confidentiality of participants results and respect their anonymity (*),
- carrying out the performance evaluation in complete impartiality,
- organize and process the results in accordance with the reference applicable documents (ISO 17043, ISO 13528).

(*) The data obtained and generated during the inter-laboratory comparison may be consulted during internal or external audits. Auditors are systematically subject to a confidentiality agreement. For communication purposes (conferences, articles, etc.), the results may be used but in a totally anonymous manner.

Participant commitments:

The participants in this inter-laboratory comparison undertake to:

- respect the protocol provided for carrying out the tests,
- provide their results within the time limit set by the organizer by emailing the completed results file,
- not to communicate with any other participant who may be known in order to avoid any risk of collusion,
- transmit all the necessary information of the successful completion of the inter-laboratory comparison to all the persons concerned within their laboratory,
- inform the CT2M of any malfunction.

11. Registration and contact:

To take part in the inter-laboratory comparison "ILC Disinfectants 2025", please complete the registration form "CT2M: REGISTRATION FORM - ILC Disinfectants 2025" by clicking on the following link: **https://forms.office.com/e/HpWKvpCgiB** or by scanning the QR Code below:

CT2M : FICHE D'INSCRIPTION - CIL
Désinfectants 2025

For further information, please contact us:

- ✓ Email: cildesinfectants@ct2m.fr
- ✓ Phone: +33 (0)4 90 50 90 14

Appendix: Terms of sale

1. Invoicing

Invoicing is carried out after sending the final report or an intermediate report of the proficiency testing. **The settlement is 30 days end of month of the invoice date.**

Every registration fee is due when the campaign is started and won't be cancelled or refund.

2. Loss, degradation or elimination of the test item

In case of loss, damage or elimination of the product to be tested by a participant, the participant will be responsible for reprocuring the product from the designated supplier.

The CT2M cannot be held responsible for loss, disposal or non-receipt of the proficency test item.

3. Number of participants

If the number of participants is insufficient for an appropriate statistical treatment, the CT2M reserves the right to cancel this inter-laboratory comparison.

4. Management and storage of personnal data

The CT2M will use the data of the participants in order to communicate with the participant during the ILC. These datas are also used to send them intermediate and/or final reports. The data may be used for commercial purposes: communication of new features on the website, communication on new ILC or on ILC in which a participant have already participated. The data will be kept for 5 years after the last communication. (The data listed in the quotes and reports are kept for 10 years.)

The provisions governing the management of personal data under the RGPD are available on our website.

In the event of refusal, an email should be sent to ct2m@ct2m.fr.