

Eurachem / CITAC Workshop on Quality in Analytical Measurements: **Uncertainty Evaluation and Results Interpretation**

Lisbon, Portugal
(10)* 11 and 12 May 2026

***Training course on uncertainty evaluation**



CITAC

Cooperation on International
Traceability in Analytical Chemistry



Scope

The results of qualitative and quantitative chemical analyses should have an acceptable uncertainty, which should ideally be reported and considered in results interpretation.

For many analytical applications, simplified uncertainty evaluations can determine uncertainty values that meet the defined requirements for this parameter. The workshop will focus on the key technical challenges involved in practical evaluations of measurement uncertainty based on precision and recovery data gathered during in-house method validation and quality control. There will be a discussion of how to model the variation of the measurement uncertainty within the analytical range and how to handle divergent recovery values from the analysis of various reference materials. A session on the use of measurement uncertainty in conformity assessment will explore how the risk of false conformity decisions can be managed.

New Eurachem guidance on using in-house precision and recovery data will be discussed at the workshop.

Topics will also include the validation and uncertainty evaluation for qualitative analyses with particular attention to current accreditation requirements for these types of analysis. The last session of the workshop will be dedicated to the evaluation of measurement uncertainty arising from sampling and using it to judge the fitness for purpose, and hence validation, of measurement procedures that include sampling.

Four sessions of the workshop will include engaging breakout sessions where participants will have the chance to share their views about challenging aspects of the analytical work. Participants are invited to propose posters and oral communications on session topics or any other relevant topic for analytical chemists or stakeholders of the analytical work.





Venue

The event will be held in
Meliã Lisboa Aeroporto Hotel ****
located 5-minutes walk from Lisbon Airport.
The metro trip from the airport metro station
to the city centre takes 40 minutes.



Audience

The workshop is targeted at analysts from accredited laboratories, researchers involved in analytical determinations, regulators responsible for setting or applying specifications for the chemical composition, and other parties interested in the quality of chemical analysis.

Deadlines

- Opening date and details for abstract submission for oral communications or posters: November 15th, 2025
- Deadline for abstracts: March 1st, 2026
- Notification of acceptance: March 31st, 2026
- Early bird registration rate closes on April 15th, 2026

Registrations

- <https://eurachem2026.events.chemistry.pt/registration>

Accommodation

- Meliã Lisboa Aeroporto (Workshop venue)
- Hotel Avenida Park: 45 min journey to venue by single bus or Metro line
- Hotel LX Rossio: 45 min journey to venue by two Metro lines
- Moov Hotel Lisboa Oriente: 20 min journey to venue by single bus or Metro line
- Ikonik Lisboa: 25 min journey to venue by single bus or Metro line”
(other option close to the Metro red line “(linha vermelha)” are convenient)



Lisbon
May 2026



CITAC

Cooperation on International
Traceability in Analytical Chemistry