

CITAC mission and guidelines

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CITAC, the Cooperation on International Traceability in Analytical Chemistry, was created in 1993. Its mission is "to improve traceability of the results of chemical measurement everywhere in the world and to ensure that analytical measurements made in different countries and/or at different times are comparable."

According to its Terms of Reference, CITAC's objectives are: i) to facilitate the practical realisation of metrological traceability in chemistry: to develop concepts that can be applied broadly at analytical laboratories and to disseminate those concepts; ii) to foster collaboration on metrology in chemistry as a mean of effecting technology transfer and cost sharing; iii) to promote the metrological principles in chemistry through guidelines and other tools for analytical laboratories; iv) to promote and harmonise quality practices in the analytical laboratories; v) to stipulate education and training on metrology in chemistry.

Cooperation is the strongest feature of CITAC. Its members, coming from all over the world, are representatives from metrological institutes, academia, research institutes and industries. Cooperation results also in strong collaborations with other international organisations. CITAC has in place a continuative collaboration with Eurachem, resulting in the participation in joint Working Groups and in the development of guidelines which are widely used in analytical laboratories and often translated into various languages to promote their adoption in field laboratories. Another very fruitful cooperation is the one carried out with IUPAC, leading to joint projects and initiatives, among which the biannual international IUPAC/CITAC workshops organised as satellite events of the prestigious Isranalytica conference and the publication of joint IUPAC/CITAC Guides.

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