



Laboratories Association of Romania – ROLAB

Address: Unirii Bvd., no. 61, bl. F3, sc.2, flat no. 301, Bucharest, sector 3

Tel: 021.320.33.05; Fax: 021.320.33.10

Web: www.rolab.ro



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- is a non-profit professional association founded in 2003 as a legal entity
- EUROLAB full member
- its mission is to establish and to maintain a forum for national and international community in measuring, calibration, test, testing, conformity assessment and related fields.



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Within ROLAB - Laboratories Association of Romania operates two bodies:

ROLAB-CIC, Training and Consulting Center organizes and supports training and consultancy in management systems field and in measuring, calibration, test, testing fields and participates to the achievement of research and development programs in quality and measuring field.

ROLAB-IC, Proficiency testing body operates in accordance with EN ISO/IEC 17043 requirements - Conformity assessment, General requirements for competence testing – and it is an organizer of inter-laboratory comparison schemes and service provider of external quality assessment for medical analysis laboratories as an organizer of competence testing schemes for medical analysis laboratories.



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ROLAB's activities

- develops an appropriate framework for information, provides the knowledge and experience exchange in the fields of measuring, calibration, test, testing, skills supply and related areas and the harmonization of regulations and practices at European and international level;
- carries out research, development and innovation and provides specialized scientific services - training, consulting services, technology transfer, prints and publishes scientific papers, organizes scientific events;
- establishes a coherent training and consulting system, basic topics, such as establishing and maintaining a quality management system for testing / calibration laboratories, in accordance with SR EN ISO/IEC 17025, evaluating and expressing measuring uncertainty, measuring methods validation, which covers a wide range of areas.



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Laboratories Association of Romania - ROLAB performs activities of providing proficiency testing in accordance with ISO/IEC 17043:2010 "General requirements for testing competence" in the following areas:

- Performance assessment of laboratories of measuring instruments calibration;
- Performance assessment of laboratories of measuring instruments verification;
- Performance assessment of medical analysis laboratories - clinical chemistry, hematology, microbiology;
- Performance assessment of physico-chemical analysis laboratories and microbiological of pharmaceuticals and cosmetics;
- Performance assessment of environmental testing laboratories, physico-chemical and biological tests;
- Performance assessment of chemical and physico-mechanical analysis laboratories in the construction field;
- Performance assessment of physicochemical and microbiological testing laboratories, diagnosis, radioactive contamination, histopathology, mycology and mycotoxicology, parasitology, serology and virology of health, veterinary and food products;
- Performance assessment of physico-chemical testing laboratories of fuel and oil products;
- Performance assessment of physico-chemical testing laboratories of metallic materials.



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In accordance with SR EN ISO/CEI 17043/2010 standard, the competence tests through inter-laboratory comparisons are used for:

- ✓ Individual performance assessment of the laboratories and their continuous performance assessment;
- ✓ Identify problems in laboratories and initiate improvement actions, which for example, may be caused by the effectiveness of the training and supervision of personnel or by the equipment calibration;
- ✓ Identify differences between laboratories;
- ✓ Training the participating laboratories, based on the results of such comparisons.



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