



**Capacity Building Initiative
For
Method development and validation for PFAS in food &
water, including the regulatory framework, hands-on
training (Laboratory), and the documentation
requirement as per 17025:2017**



**Jointly organised by CSIR-IITR, NABL, and ASTRA at CSIR-IITR, Lucknow
From 30-31 July 2025**

CSIR-IITR is an NRL (National Reference Laboratory) designated by FSSAI, New Delhi, for PFAS in food matrices. The capacity-building initiative for PFAS in food and water, organized at CSIR-IITR, Lucknow, is a crucial step in enhancing the expertise of laboratory stakeholders involved in the PFAS analysis scope. The initiative focuses on equipping the laboratory stakeholders with the skills and knowledge to evaluate and ensure compliance with global standards related to PFAS contamination.

Key aspects:

1. **Focus on PFAS:** Addressing the emerging concerns of PFAS contamination in food and water, this program emphasizes the importance of harmonized methods for detection and quantification of these substances, vital for both regulatory compliance and public health.
2. **Collaboration:** The initiative is being conducted in collaboration with key international and national bodies such as the India Section of AOAC International, GFORSS (Global Food Regulatory Science Society), Food Industry Asia (FIA), IUFOST (International Union of Food Science and Technology) and NABL (National Accreditation Board for Testing and Calibration Laboratories). This ensures a wide exchange of knowledge, best practices, and methodologies.
3. **Technical Training:** Aimed at technical personnel, the program builds their capacity to implement PFAS analysis in the laboratories to enhance laboratory competency, procedures, and adherence to national and international standards.

This initiative is pivotal in addressing the global challenges posed by PFAS, ensuring that India's technical assessors are well-prepared to tackle PFAS contamination in food and water, in alignment with international standards. This initiative will also help in the harmonization of analytical methods in India on the method performance criteria.



Technical support: Waters™