



2 October 2025



2025 AOAC SEA Conference Agenda Updates

Regulatory & Compliance Talks

- Regulatory requirements for food quality and safety in domestic and international markets
- Building confidence in food testing: AOAC standards and their role in Thailand's lab accreditation
- The next chapter in allergen labelling: insights from Codex updates on regulations and test methods
- National Quality Infrastructure for Thai herbs: traceability, standards, and consumer trust
- Strengthening lab management systems to support regulatory compliance and industry competitiveness.

PFAS & Emerging Contaminants Topics

- PFAS in food and food contact materials, including IAS, NIAS, and packaging contaminants
- Trends in PFAS regulation under Japan's Water Supply Act and reference standards
- Mastering PFAS testing: 5 steps from complex samples to solutions
- Addressing challenges in testing PFAS and other emerging food contaminants
- Bridging CRM and lab supply for smarter, more efficient lab operation

Harmonizing Pesticide Methods: From National Needs to Regional Action

- *Regulatory Priorities & Method Needs* – Department of Agriculture, Thailand on method gaps for food safety.
- *Method Development & Pilot Implementation* – Case studies from pesticide residue analysis.
- *From Science to Routine Use* – Challenges in method transfer, standardization, and lab capacity
- *Panel Discussion* – How can method development unlock trade, safety, and funding benefits?
- *AOAC SEA Working Group* – Regional harmonization efforts and next steps.

Ensuring Microbiological Safety: Methods, Confidence & Innovation

- Verifying methods with ISO 16140-3: Ensuring reliability in microbiological testing
- Measurement uncertainty: Building trust in test results
- Validating large sample sizes for more representative results
- From enrichment to PCR: Streamlining workflows in food safety labs
- Tracking pathogens in food and water: Advances in species ID and strain-level discrimination

Advancing Rapid Testing for Food Safety

- Peptide-based electrochemical biosensors: Fast detection of foodborne pathogens
- Validating rapid chemical and microbiological tests: Challenges and acceptance criteria
- AOAC conformity assessment programs: Supporting validation of rapid test kits

More can be found in the [Conference Agenda](#).

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