

# Monitoring and **MoniQA** Quality Assurance

## **Codex Methods of Analysis: What, When, Why, How to Use?**

**Joint IAM/MoniQA Food Scientist Training (FST)  
7 March 2010, Budapest, Hungary**



## **Organisers of Joint IAM-MoniQA Workshop 2010**

- **Richard Cantrill, AOCS/IAM;**
- **Roger Wood, UK-FSA;**
- **Roland Poms, ICC/MoniQA;**
- **Hilde Skaar Norli, NMKL;**
- **Robert Wielgosz, BIPM;**
- **Sandor Tömösközi (BUTE)**



*We acknowledge der financial support by the MoniQA NoE.*

## IAM – Inter Agency Meeting

[www.aocs.org/meetings/iam/](http://www.aocs.org/meetings/iam/)

**A series of meetings of international organisations working in the field of methods of analysis and sampling of food products and associated quality assurance measures.**

22<sup>nd</sup> INTER-AGENCY MEETING (IAM-22)

5<sup>th</sup> March 2010

Venue: Hungarian Food Safety Office

Gyáli út 2-6

Budapest

HUNGARY



## IAM's Aim

The aim of the Inter-Agency Meeting (IAM) is to **promote co-operation** between international organisations (INGOs and IGOs) working on **methods of analysis and sampling** and the associated quality assurance measures, and to **support the needs of the Codex Alimentarius Commission**.

The Commission is an inter-governmental organisation considers and sets standards for food products in international trade. Standards may address compositional, additive or contaminant issues. In addition, the Commission elaborates methods of analysis and sampling to “enforce” such standards.

The IAM provides a unique opportunity for those organisations working in the food analysis sector **to discuss common problems** and the opportunities **to harmonise approaches** to be ultimate benefit of the users of the products of organisations working in the area of analytical methods.



## Activities of IAM

1. Develops and/or recommends common rules for the validation of methods of analysis and sampling and associated quality assurance measures;
2. Assists the Codex Alimentarius Commission in its need for methods of analysis and sampling and associated quality assurance measures;
3. Promotes co-ordination between the organisations concerned;
4. Addresses problems which require international collaboration; and
5. Promotes uniformity of terminology relative to its field of activity.



**Monitoring and Quality Assurance**

**MoniQA**

Roland Ernest Poms, ICC, Vienna

**Monitoring and Quality Assurance in the Food Supply Chain**  
**“Working for safer foods by harmonising worldwide food quality and safety monitoring and control strategies.”**

**Contract N0. FOOD-CT-2006-36337**



The slide features a large, light blue background with the text "Monitoring and Quality Assurance" in a large, semi-transparent font. The MoniQA logo is prominently displayed in the center. Below it, the name "Roland Ernest Poms, ICC, Vienna" is written. A red quote describes the project's focus on food safety and quality. The contract number "FOOD-CT-2006-36337" is also included. At the bottom, there are logos for MoniQA, the Sixth Framework Programme, and the European Union.

# MoniQA Network of Excellence



Funded by the European Commission  
within the Sixth Framework Programme (FP6)  
Topic T5.4.5.1: Quality and safety control strategies for food (NOE)

## Coordinator:

Roland Ernest Poms, ICC – International Association for  
Cereal Science and Technology, Vienna, Austria

**33 member institutions** from 20 countries / 4 continents  
**Currently >130 registered institutions from >35 countries**

A total of **155 researchers** including 40 doctoral students  
**Currently approx. 400 registered staff**

Duration: **5 years** – starting 1 February 2007  
EU funding: **12.3 M €**



[www.moniqua.org](http://www.moniqua.org)

## MoniQA Vision

and Objectives for Food Safety and Quality Assessment and Method Validation

- **Provide a pool of experts and infrastructure**
- **Provide reliable information**
- **Provide databases and decision support tools**
- **Support governing bodies** and international organisations
- **Provide training**
- **Initiate new research projects and collaboration agreements**
- **Validate new emerging and rapid methods**
- **Provide new testing materials/reference materials  
(and reference methods)**

## MoniQA FSTs 2010

1. Feb. 2010 Shelf-life determination of processed foods (IPB - **Indonesia**)
2. **March 2010 Codex methods of analysis: What? When? Why? How to use?** (IAM, ICC, BUTE - **Hungary**)
3. March 2010 Combined MoniQA FST on "Reference materials and method validation in food safety assurance" and "Communication Training" (BOKU, ICC, RTDS, IFR - **Austria**)
4. April 2010 Food allergen management workshop (CCOA, ICC, CambdenBRI - **China**)
5. June 2010 How to do e-learning (BOKU - **Austria**)
6. Sept. 2010 PCR methods for the detection and quantification of food-pathogens (UFT - **Bulgaria**)
7. Sept. 2010 Rapid analysis applied for food safety control (HUT - **Vietnam**)
8. Oct. 2010 HACCP (exact content still under discussion) (TUBITAK - **Turkey**)

## Workshop Programme

- |                      |  |
|----------------------|--|
| 09.30 - 10:00        | <b>Registration, networking and refreshments</b>           |
| 10:00 – 10:15        | <b>Opening and introduction</b><br>Roland Poms, ICC/MoniQA |
| <b>10:15 – 13:00</b> | <b>PART A: METHOD SELECTION</b>                            |
| 13:00 – 14:00        | <b>Lunch</b>   |
| <b>14:00 – 17:45</b> | <b>PART B: METHOD APPLICATION</b>                          |
| 15:30 – 16:00        | <b>Coffee break</b>  |
| 17:45                | <b>Close</b>   |

## **PART A: METHOD SELECTION**

- 10:15 – 10:45      **Codex methods of analysis and quality assurance provisions – brief survey of the requirements introduced and their rationale**  
Roger Wood, UK-FSA, UK
- 10:45 – 11:15      **Understanding Codex specifications and problems associated with methods of analysis – with particular reference to typing of Codex methods of analysis**  
Richard Cantrill, AOCS, USA
- 11:15-11:45      **Understanding Codex's problems with method selection and performance and how these may be overcome by the increased use of the criteria approach**  
Lars Jorhem, National Food Administration, SE



## **PART A: METHOD SELECTION**

- 11:45 – 12:15      **Understanding Codex's, and the Standard Development Organisations' problems, with the adoption of proprietary methods of analysis –**  
Hilde Skaar Norli, NMKL, NO
- 12:15 – 13:00      **Round table discussion**
- 13:00 – 14:00      **Lunch**



## **PART B: METHOD APPLICATION**

- 14:00 – 14:45 **International Protocols adopted by Codex: IUPAC protocols for recovery, single laboratory validation, Proficiency Testing and collaborative trials**  
Steve Ellison, EURACHEM, UK
- 14:45 – 15:30 **IUPAC Internal Quality Control Protocol and method verification using reference materials and proficiency testing**  
Franz Ulberth, IRMM/JRC, BE
- 15:30 – 16:00 **Coffee break**



## **PART B: METHOD APPLICATION**

- 16:00 - 16:30 **Measurement uncertainty in sampling**  
Astrid Nordbotten, Norwegian Food Safety Authority, NO
- 16:30 - 17:00 **Compliance and measurement uncertainty in analysis - where we are and what the Codex Commodity Committees need to appreciate**  
Roger Wood, UK-FSA
- 17:00 – 17:45 **Round table discussion and concluding comments**
- 17:45 **Close**



**I would like to wish you  
a successful workshop**

**Roland Ernest Poms** 

**[www.moniqa.org](http://www.moniqa.org)**

**[www.icc.or.at](http://www.icc.or.at)**

**[www.aocs.org/meetings/iam/](http://www.aocs.org/meetings/iam/)**

