

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

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Agenda Item 8

MAS/39 CRD/16

ORIGINAL LANGUAGE ONLY

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON METHODS OF ANALYSIS SAMPLING

Thirty-ninth Session

Budapest, Hungary, 7 – 11 May 2018

FINAL REPORT OF THE 30TH MEETING OF INTERNATIONAL ORGANISATIONS WORKING IN THE FIELD OF METHODS OF ANALYSIS AND SAMPLING

(INTER-AGENCY MEETING; IAM-30)

14.00 – 18.00H, SATURDAY, 5TH MAY 2018

IAM

Present

Anne Bridges	AACCI
Paul Wehling	AACCI
Darryl Sullivan	AOACI
Erik Konings	AOACI
Melissa Phillips	AOACI
Wayne Wargo	AOACI
Erich Dumelin	AOCS
Ralf Josephs	BIPM
Verna Carolissen	CAC
Gracia Brisco	CAC
Myoengsin Choi	CAC
Marot Hibbey	CCMAS Chair
Andrea Zentai	CCMAS Host
Duncan Arthur	CEN TC 275
Christoph von Holst	CEN TC 327
Marina Patriarca	Eurachem
Attila Nagy	HU
Viktor Kasza	HU
Amine Jbeily	ICC
Jaap Evers	IDF
Aur�lie Dubois	IDF
Harrie van den Bijgaart	IDF
David Hammond	IFU
Sandrine Espeillac	ISO
Marcel deVreeze	ISO
Richard Cantrill	MoniQA/USP-FCC (Chair)
Nina Skall Nielsen	NMKL
Gina Clapper	USP-FCC (Secretariat)
Kristie Laurvick	USP-FCC (Secretariat)

Invited

Greg Noonan	USFDA
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Dustin Starkey ISDI

Apologies

Barry Tulk	AOCS
Steve Ellison	Eurachem
Roger Wood	ICUMSA
Roger Kissling	IDF
Roland Poms	MoniQA
Hilde Norli	NVI

1. Chair's Welcome / Introduction

The attendees were welcomed by Dr Cantrill who thanked Dr Hibbey and Dr Zentai for kindly hosting the meeting at the Hungarian National Food Chain Safety Office.

2. Apologies

See above.

3. Introduction of Attendees

The Chair noted the presence of new delegates and also the absence of a number of familiar faces and asked for introductions. Dustin Starkey, representing the International Special Dietary Foods Industries (ISDI, an invited visitor), then briefly described the organization and shared its mission.

4. Adoption of Agenda

The Agenda was adopted with the following changes:

- 4.1** Erik Konings requested an addition to the Agenda under Item 12 Other Business to address broadening the scope of CCMAS.

5. Report of the Previous Meeting IAM-29, 2017

There were no corrections to the report of the 29th meeting. The document will soon be available on www.moniga.org/iam.

5.1 Matters arising from the Previous Meeting Not Otherwise on the Agenda

None presented.

6. Items from the Codex Secretariat

- 6.1 Follow-up on Codex Secretariat Discussion on Enhancing the Role of IAM at CCMAS Meetings** – At IAM-29, the Codex Secretariat indicated that Codex would like to receive a report of relevant information from IAM members which could be added to the CCMAS agenda ahead of CCMAS meetings instead of solely being supplied as a CRD. It was proposed that reports could include updates on the activities of different SDOs that might be of interest to member countries to inform member countries of SDO activities and potentially enable SDOs to find collaborators and help support harmonization efforts. IAM members had expressed an interest in providing the type of reports suggested as a product of IAM and its SDOs at IAM-29. At the current meeting the Codex Secretariat indicated that the Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture (Joint FAO/IAEA Division) provided the Secretariat with a synopsis of their activities for inclusion in the CCMAS39 agenda (CX/MAS 18/39/2 Add.2). The Codex Secretariat noted that this document could be used to illustrate the type of updates and information that IAM could supply to CCMAS regarding SDO policy changes, organizational changes, areas of focus, new initiatives, etc. Members offered individual updates of interest including the development of a new strategic plan by AOAC (Darryl Sullivan). In the interest of not including a calendar of events in the reports supplied to CCMAS, the Chair and IAM Secretariat suggested that the IAM website could host information about upcoming industry events, workshops, and conferences of interest to IAM members. The group agreed that interested SDOs would provide relevant details of meetings and events to the IAM Secretariat who will create a calendar of events for the IAM website. Separate from this activity, the group again expressed an interest in providing reports of SDO activities and updates to the Codex Secretariat ahead of future CCMAS meetings.

6.2 Draft report for CAC: Cooperation Between the Codex Alimentarius Commission and Other Standard-Setting Organizations – The Codex Alimentarius Commission, at its 39th session in 2016 (CAC39) requested that the Codex Secretariat regularly review work management as part of its monitoring of the Codex Strategic Plan 2014 – 2019. The Codex Secretariat informed the Executive Committee at its 74th session (CCEXEC74) that the second regular review process would focus on cooperation with other international standard-setting organizations, including collaboration with both governmental and nongovernmental standard-setting organizations holding observer status. The scope of the work would include recommendations that are intended to strengthen collaboration and identify good practices and possible synergies. The Codex Secretariat presented IAM-30 with a summary of their preliminary findings, which will be discussed at the upcoming CCEXEC75 meeting in June, 2018 and at the CAC41 meeting in July, 2018. The recommendations from the Codex Secretariat to CCEXEC75 are as follows (reference CX/CAC 18/41/13):

- (i.) Consider a review of how the Codex standard procedure could be simplified without compromising Codex values (collaboration, inclusiveness, consensus building, transparency).
- (ii.) Discuss if there is merit in setting up a more systematic approach to the review of Codex standards.
- (iii.) Discuss what should be the principles (if any) for making reference to the standards/methods of other international organizations (both IGOs and NGOs) to capitalize on synergies and avoid or reduce duplication of standards.
- (iv.) Request the Secretariat to:
 - a. Create a single focal point within the Codex Secretariat for Observers;
 - b. Explore ICT solutions to tailor information on Codex activities to the needs and interests of standard setting organizations (and observers in general) and to enhance the training support and help desk solutions of the Codex platform for eWGs;
 - c. Assess the specific needs of Codex Contact Points (CCPs) that act as contact points for other standard setting organizations in addition to Codex;
 - d. Consider, in cooperation with FAO and WHO, whether the OECD led “partnership for effective international rule-making” could serve as a suitable forum for discussing better monitoring and evaluation of the use of international norms;
 - e. Publish an entry level guidance document for Codex observers (e.g. on how Codex committees are related);
 - f. Liaise with the reviewed organizations on a case-by-case basis to discuss the need for participation of Codex representatives in any of their activities and follow-up on their suggestions for future collaboration.

The Codex Secretariat informed the group that an NGO panel discussion on Food Authenticity and Integrity is planned for the CAC41 meeting (July 2018) in Rome. Representatives from NGOs will be invited to participate in the panel discussion; NGOs who are not invited to be on the panel are still encouraged to attend the event.

7. Method Validation/Statistical Update Issue

7.1 AOAC Expert Review Panel Methods Progress – Use of Proficiency Test Data – Dr. Sullivan indicated that the two pilot studies previously discussed at IAM-28 by AOAC were not successful due to lack of participation, thus there is not yet any relevant data to report to the group. The AOAC Stakeholder Panel on Infant Formula and Adult Nutritional (SPIFAN) has begun a new proficiency testing program with an emphasis on infant formula. The study involves five infant formula matrices and two sets of data will be gathered to (1) to determine the laboratories’ proficiency in performing validated, Official AOAC methods; and (2) to determine the laboratories’ proficiency in testing the supplied materials using their own validated analytical methods. Dr. Sullivan indicated that information relevant to the proficiency testing study is available on the AOAC website and data will be shared with IAM members when it is available.

7.2 International Guidelines for the Validation of Qualitative Methods - ISO/TC 34/SC 16 has circulated the Technical Specification which is currently in the final stage of voting. Dr. von Holst indicated that the European Commission has a guideline describing two separate types of qualitative methods, those that are truly qualitative and those that use a quantitative measurement with a cut-off value to produce a binary or qualitative result. Dr. von Holst volunteered to provide the website link for the EC document to the group.

7.3 Revision of ISO 5725 Update - The Chair indicated Steve Ellison has not provided an update this year. Ms. Espeillac informed the group that Part 2 is currently in the Committee Draft (CD) stage. A gap analysis of the AOAC/IUPAC Harmonized Protocol and ISO 5725 indicated that potentially significant differences in statistical approaches existed. The choice of outlier test is the main difference. It was suggested by IAM participants that experts in ISO and IHP statistical approaches could meet to discuss a harmonized outcome. Ms. Espeillac indicated she would contact the ISO technical committee in charge of the revision of ISO 5725 on that need of harmonization.

8. Update on AOAC/IDF Method Review Process (as agreed at CCMAS 38)

Dr. Evers informed the group that ISO/AOAC/IDF worked together to review all dairy-related methods referenced in CXS-234 and compare these with the organizations' methods. The review resulted in several common observations that required clarification:

- Clarify rules for determining when a defining method should be Type I or Type IV method. For example:
 - Is it necessary to have precision figures for a Type I method?
 - If a defining method has been subjected to an international collaborative study involving dairy commodities A, B and C, and the method is generally known to work on commodity D, but this commodity was not included in the study, should the method then be listed as Type I or Type IV in STAN 234 for commodity D?
- Clarify for the situation where there are two defining methods (from different organisations) and the degree of validation differs (i.e. one method has been subjected to an international collaborative study, whereas the other method has not), whether one method be Type I and the other method Type IV, or only one (the best validated) method should be accepted and be listed as Type I.
- Clarify for those cases where a provision is not specifically listed in the Commodity Standard, what decision process is to be followed to determine whether or not to include such provision in CXS234.
- Apply a consistent approach in listing provisions that require a calculation based on two or more analyses. In some cases, all concerned methods are listed; in other cases only a single method.

The review of dairy methods is intended to serve as a pilot study for CCMAS; the review of other methods in STAN234 could reveal other common issues that will need to be clarified.

Dr. Sullivan indicated he had met with AOAC's Official Methods Board (OMB) and OMB has started a taskforce (formed in June 2017) to review all AOAC methods referenced in CXS-234. Dr. Phillips, representing this group, said that the goal of the AOAC taskforce is to formalize a process for review and then apply the process to the list of AOAC methods. This group created a rubric to share with subject matter experts. The dairy experts used the rubric, which is now being updated based on their experiences. The possible outcomes are: 1) the method is fine; 2) there are problems and we need to look into this method further; 3) what is the process when a method needs work/is not fit for purpose?

Dr. Noonan mentioned that these questions would be considered as part of the Sunday pWG agenda. IAM members are invited to come to a decision on the recommendations before looking at the dairy package. The Plenary will be invited to make the final decision on how these recommendations will be handled.

9. CCMAS Papers –

9.1 Matters Referred to the Committee by the Codex Alimentarius Commission and Other Subsidiary Bodies – The Chair noted that the ongoing protein conversion factor discussion has been moved to JEMNU with a two-year timeline.

9.2 Endorsement of Methods of Analysis Provisions and Sampling Plans in Codex Standards – The pWG has an on-screen agenda and will capture comments during the meeting in a process that should be more organized.

9.3 Revision of the Recommended Methods of CODEX STAN 234 / Review and Update of CODEX STAN 234

9.3.1 Replies to CL 2018/18/OCS-MAS

The plan is to discuss the structure.

Post meeting note: 'Following the pWG on Sunday 6 May, it may be advisable to first develop guidance on specific issues with the presentation of methods in CODEX STAN 234 before advancing package-wise revisions'

**9.3.2 Recommended Methods of Analysis for Milk and Milk Products
CX/MAS 18/39/4 Add.1**

See above Agenda Item 8.

9.4 Criteria for Endorsement of Biological Methods Used to Detect Chemicals of Concern
- No comments.

9.5 Proposal to Amend the Guidelines on Measurement Uncertainty (CAC/GL 54-2004) - No comments.

9.6 Proposal to amend of the General Guidelines on Sampling (CAC/GL 50- 2004) - A sampling workshop will be held during lunch on Monday (presented by New Zealand).

10. Update on published reports of use to IAM members

10.1 CEN/TC 275 Working Group 0

Dr. Wood will complete this work shortly for consideration at the next CEN meeting (October, 2018) and will then share with this group.

10.2 USP-FCC Guidance on Non-Targeted Methodology

Ms. Laurvick indicated that USP will be proposing revision to the *Food Chemicals Codex* Guidance on Developing and Validating Non-Targeted Methods for Adulteration Detection. The revised version of the document will include a case study to help users understand how to apply the principles of the guidance document. This revision is currently scheduled to be proposed online in the December 2018 *FCC Forum*, and it will be open for public comments for a minimum of 90 days. The draft proposal will include information on how to submit comments to the relevant USP scientist. Ms. Laurvick noted, in response to a question from the group, that the draft proposal in the *FCC Forum* will be available free of charge. The *FCC Forum* can be accessed at www.foodchemicalscodex.org/fcc-forum.

10.3 Other

Guidance was requested around what modifications are allowable during method validation before it becomes a different method? Harrie van den Bijgaart mentioned the Dutch Accreditation body has something we can use. ISO 16140 from the microbiology sector (ISO/TC 34/SC 9) could also be useful.

11. IAM Housekeeping/Standing Items

11.1 Exchange of Reports and Information/Concerns of Members: Conferences, symposia, workshops, white papers, publications, etc.,

Members should send items to Dr. Cantrill. Ms. Clapper and Ms. Laurvick will work with Dr. Cantrill to develop a template. Ms. Espeillac has shared the ISO/TC 34 calendar. AOAC shared information about their Mid-Year meeting. Feedback from other Association regarding their meetings is encouraged. A preliminary list is attached, Appendix 1.

11.2 Incorporation of change of methods/method corrections in the Codex Alimentarius Commission – In response to a request for clarification on how to update method references in CXS-234 during the revision of CXS-234, CAC encouraged the SDOs to report their changes to the WG and continue to copy the Codex Secretariat as well. SDOs were further encouraged to participate in the eWG.

11.3 Website Update

Visit www.monika.org/iam to access information. The current login requirement is being removed so that the historical documents are freely available.

11.4 Update by Chair and Secretariat

The Chair asked the participants to consider if the current arrangement for Chair and Secretariat should continue for a further year. No objections were voiced. The Chair noted the readiness of Darryl Sullivan and AOACI to help out in the future.

12. Any Other Business

12.1 Dr. Konings mentioned that some of the Codex Committees do not consider methods of analysis and suggested that such work could be done by CCMAS being the *de facto* committee for consideration of analytical methods of analysis. The representatives of the Codex Secretariat expressed the view that although it might be good to have all methods under one umbrella, the Codex situation is more complicated since CCFH, CCPR, CCRVD, concentrate on the criteria approach. Additionally, Regional Committees will be encouraged to bring their methods to CCMAS at an early stage of standard development and also contact the relevant SDOs.

It was noted that there appear to be gaps in the confirmation of appropriate methods by different committees and therefore this issue should be brought to the attention of CCMAS. IAM members are prepared to develop a position paper on this issue for discussion at CCMAS-40.

12.2 Dr. Konings informed the meeting of the newly formed AOAC Sub-Saharan Africa Section. The section will hold its first Annual Meeting in November 2018.

13. Provisional Date and Place of Next Meeting

Tentatively set for February, 2019. To be confirmed. It was requested that the chosen dates do not conflict with other Codex committees.

14. The meeting was adjourned by a toast thanking the hosts and participants enjoyed a small reception.

Appendix 1

Organization	Subgroup	Title	Date (From)	Date (To)	Location
Eurochem		Data - Analysis, integrity and quality	2018-05-14	2018-05-15	Dublin, IE
ISO	SC 19	Bee products	2018-05-24	2018-05-19	China
Eurochem	BNASS2018	Measurement Uncertainty and Traceability in the Modern Laboratory	2018-06-02	2018-06-04	London, UK
BIPM		Food Safety Workshop	2018-06-04	2018-06-08	Pretoria, RSA
NMISA		Africa Food Safety Workshop	2018-06-04	2018-06-08	Pretoria, RSA
MoniQA		Food Fraud Prevention and Effective Food Allergen Management	2018-06-07	2018-06-08	Vienna, AT
ISO	SC 9	Food microbiology	2018-06-19	2018-06-22	Lausanne, CH
Other*		22nd International Mass Spec Conference	2018-08-26	2018-08-31	Florence, IT
Eurochem	WKS-M4	Are MS-based methods fit for purpose?*	2018-08-27	2018-08-27	Florence, IT
NMKL		Digitalisation of the laboratory - benefits and pitfalls	2018-08-29	2018-08-29	Sigtuna, SE
ISO	SC 6	Meat, poultry, fish, eggs and their products	2018-09-03	2018-09-06	Nanjing, CN
BIPM		Mycotoxins	2018-09-18	2018-09-20	Buenos Aires, AR
ISO	SC 11	Animal and vegetable fats and oils	2018-09-19	2018-09-21	Belfast, UK
ISO	SC 2	Oleaginous seeds and fruits and oilseed meals	2018-09-22	2018-09-22	Belfast, UK
ISO	SC 17	Management systems for food safety	2018-10-01	2018-10-05	Gradignan, FR
ISO	ISO/TC 34	Food products	2018-10-15	2018-10-19	Washington DC, USA
AACI		Annual Meeting "Cereals and Grains 18"	2018-10-21	2018-10-23	London, UK
AACI		Grains: Sustainability from Gene to Field	2018-10-21	2018-10-23	London, UK
AACI		Grains: Safe Ingredients and Quality Products	2018-10-21	2018-10-23	London, UK
AACI		Grains: Formulating for Health and Wellness	2018-10-21	2018-10-23	London, UK
ISO	SC 4	Cereals and pulses	2019-05-xx	2019-05-xx	Detmold, DE