

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

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Agenda Item 9

MAS45/CRD04

March 2026

ORIGINAL LANGUAGE ONLY

JOINT FAO/WHO FOOD STANDARDS PROGRAMME CODEX COMMITTEE ON METHODS OF ANALYSIS AND SAMPLING

45th Session

Budapest, Hungary

9-13 March 2026

FINAL REPORT OF THE 36th MEETING OF INTERNATIONAL ORGANISATIONS WORKING IN THE FIELD OF METHODS OF ANALYSIS AND SAMPLING (INTER-AGENCY MEETING; IAM-36)

(Prepared by the Chair and Secretariat of the Inter Agency Meeting)

13.00 – 17.00h, Saturday, 7 March 2026

Present

Paul Wehling	AACC (Cereals & Grains Association)
Melanie Downs	AOAC INTERNATIONAL
Erik Konings	AOAC INTERNATIONAL
Gracia Brisco	Codex Secretariat
Johnny Yeung	Codex Secretariat
Lingping Zhang	Codex Secretariat
Nagy Attila Eli	CCMAS Host Country Representative
Alessandra Fratianni	ICC
Markus Lacorn	ICC
Valentina Narducci	ICC
Kadja Cissé	IDF
Aurélie Dubois	IDF
Richard Johnson	IDF
Yousra Antit	IOC
Mercedes Fernandez	IOC
Vedika Kayasth	ISDI
Dustin Starkey	ISDI
Xavier Lavigne	ISDI
Sandrine Espeillac	ISO
Kang Zhou	FAO
Bert Pöpping	MoniQA
Eystein Oveland	NMKL
Richard Cantrill	USP-FCC/IND (Chair)
Claire Chisolm	USP-FCC (Secretariat)

Invited

Patrick Gray	USA/Co-Convenor of the Physical Working Group on Endorsement
Hidetaka Kobayashi	Japan/Co-Convenor of the Physical Working Group on Endorsement
Marija Vujic-Stefanovic	Serbia/Cocoa and Chocolate EWG

Apologies

Anne Bridges	AACC (Cereals & Grains Association)
Jody Brunette	AACC (Cereals & Grains Association)
Josh Arbaugh	AAFCO
Katerina Mastovska	AOAC INTERNATIONAL
Darryl Sullivan	AOAC INTERNATIONAL (Vice Chair)
Ralf Josephs	BIPM
Verna Carolissen	Codex Secretariat

Duncan Arthur	CEN
Barry McCleary	ICC
Karen Pardoe	ICUMSA
Philippe Trossat	IDF
David Hammond	IFU
Gina Clapper	USP-FCC
Kristie Laurvick	USP-FCC

1. **Chair's Welcome / Introduction**

The attendees were welcomed by Dr. Cantrill, Chair, who thanked the IAM members for attending the meeting. The Chair noted that early engagement with SDOs facilitates meaningful and timely feedback on methods.

2. **Apologies**

See above.

3. **Introduction of Attendees**

The Chair asked for introductions.

4. **Adoption of Agenda**

The Agenda was adopted without changes.

5. **Report of the Previous Meeting IAM-35, 2025**

5.1 Adoption of reports

There were no corrections to the report of the 35th meeting.

5.2 Matters arising not covered in other agenda items

No additional matters were raised.

6. **CCMAS43 Discussion Papers**

6.1 Retyping ISO 1871 for protein determination in quinoa

The concern was raised that ISO 1871 is a non-specific method that may allow different results to be obtained depending on which procedures are used which may be considered guidance rather than meeting the specific method details required to perform a Type I method. ISO has received requests to incorporate quinoa into ISO 20483, but validation is needed. AOAC is in favour of having one method description with accompanying validation data. NMKL shared that they are considering updating NMKL 6 as it is more descriptive than ISO 1871, but it lacks the necessary validation at this time. IAM's position is to retain ISO 1871 as Type IV until full validation data is available.

6.2 Methods of analysis for precautionary allergen labelling

AOAC shared that the precautionary allergen labelling (PAL) electronic working group draft response to CCFL provides an overview of the considerations for using food allergen methods. The working group also collected information on methods in use and evaluated those against AOAC and CEN criteria, including methods that have gone through collaborative testing, independent laboratory testing, as well as methods that have only gone through single laboratory validation. The tables provided are lists available of methods, but do **not** represent endorsement of those methods. CRDs have been received requesting recognition by reference for AOAC validation guidance and CEN performance requirements. AOAC has also developed draft guidance on method selection and verification, which is currently available for public comment (<https://app.smartsheet.com/b/form/019833195595777eb59d9b477b6f3ab1>).

MoniQA identified that the lists of methods in the document are incomplete. There is currently no procedure described to ensure that all relevant method developers or providers are informed. It is also unclear how the list of methods would be maintained, which body would be responsible for updating it, and how any subsequent modification of methods by assay providers would be assessed to confirm continued compliance with the criteria against which the methods were originally validated.

6.3 Sampling plans

No comments were raised by the members.

6.4 Harmonization of names and format for principles identified in CXS 234

IDF discussed that in prior versions, their concerns have focused on harmonization of provision names. The current version of the document is only partially complete and lists only some edits. There is concern that future edits may be more problematic and misaligned with intent from the original commodity committee.

CCMAS Chair notes that lack of harmonization complicates the database development project. Harmonizing provision names can potentially be seen as “editorial”, but if not, we can ask for comments from the commodity committees. If the commodity committees are no longer active, we will need to consult the CAC. Japan (co-convenor of PWG) requested that information be communicated to commodity committees if any changes are made to the provision names.

7. Update on CXS 234 method review progress and the Working Group on Endorsement of Methods of Analysis and Sampling

7.1 Methods of analysis in commodity standards (fish and fishery products, fats and oils, cereals, pulses and legumes and derived products)

The Chair noted that there are several provisions for oats and rice which do not have methods available and there is no SDO currently working on these types of methods. He also noted that this report on methods was provided early to CCMAS and a number of comments were received in response.

The IOC delegates informed that they will submit to the CCMAS a CRD with the new IOC method for the determination of peroxide value taking into account the CCMAS43 considerations. This document will be submitted to be included in the document CXS 234.

7.2 Sugars and honey workable package

The Chair noted that there are issues with the way in which honey methods are referenced, and some of the sugar definitions do not match those that are used by key stakeholders in the industry. A CRD with 35+ comments was submitted by ICUMSA on the sugar methods. The Codex Secretariat asked if these comments were the result of different types of sugars requiring different methodological approaches or if different sugars could be grouped together because they used the same method irrespective of type. The Chair agreed this enquiry could be sent to ICUMSA for clarification during the current meeting.

7.3 Fruit juices package

IFU was unable to join the meeting. There was no discussion on this topic.

7.4 Cocoa products and chocolate workable package

The Chair of the Cocoa and Chocolate EWG reminded attendees that there is currently no active Codex Commodity Committee for this type of product. Since the committee was adjourned advances have been made in chocolate products and technical changes to the standards are needed. In addition, recent advances in raw materials (e.g., fat free milk and chocolate ingredients) would necessitate method modifications. Also, it was noted that many Codex standards for this commodity specify requirements on the dry basis, but in the EU, this is not common practice. Additional complementary work is needed on both the methods work package, and the relevant standards.

7.5 Matters arising from V-PWG March 02

7.5.1 Review of sampling plans in CXS 234, etc.

No comments were raised by the members.

7.5.2 Review of Methods from CCSCH

The Chair identified that for spices and culinary herbs, the standard may specify colour or other broad characteristics but does not specify active compounds to identify the specific article of commerce (for example, chemical markers to differentiate basil from sage). There has been some work in this area for turmeric and paprika, but more work should be done to avoid potential adulteration.

There was also discussion on the proposed methods for measuring pH of maamoul. AACC gave information on the method AACC 02-52.01 / AOAC 943.02. This method has been validated for flour, bread, crackers and was adopted in 1943. The proposed ISO method was originally validated for fruit and vegetables, and the other AOAC method was not very specific, but was validated for “acidified foods”. The recommendation was that the AACC/AOAC pH method was more suitable for maamoul than the other methods.

8. Other CCMAS Agenda Items not previously raised

8.1 FAO/WHO matters

No comments were raised by the members.

8.2 Methods of analysis submitted by Codex subsidiary bodies (e.g. Agenda 3.2)

USA (co-convenor of PWG) and the Chair discussed methods for Fats and Oils that will be presented at the PWG, including that there are some errors in the table, notably two Type II methods for Moisture. It was also noted that the provision is for Moisture, but the method (Karl Fisher) measures water, not moisture. The Chair

also mentioned that the second method uses pyridine and that Codex may want to avoid its use in an endorsed method. They also discussed the methods for Moisture and Volatile Matter. Two methods are presented, as Type I. However, they use different temperatures and are favoured by industries located in different regions. As a compromise decision one only one method should be sought. Methods for salt saturation will also be covered, and the Chair noted that there were several comments received.

9. Update by IAM members and IAM Housekeeping/Standing Items

9.1 Progress in the incorporation of change of methods/method corrections into Codex Alimentarius Commission documents

The Chair asked that SDOs notify Codex when methods are changed/updated as per the guidance document. Due to differing cycles for SDO method updates, methods that are initially technically identical (Type I) may become out of sync over time. The Chair also noted the late submission of alternative or identical and replacement methods and hoped members would adhere to the timeline in the Guidance Document¹ and a thorough review prior to presentation.

9.2 Method Validation/Statistical Updates

ISO shared that the revision of ISO 5725 is not fully complete, but for our purposes the most important section (part 2) has been completed. Part 6 revision is currently at DIS stage, and the final revision is expected to be completed and published in the next year.

AACC (on behalf of the AOAC Committee on Statistics) noted that AOAC has guidelines in place for using proficiency test data as a means of performing multi-lab validation. In this process, care needs to be taken to show that the labs in the PT studies are using the same method.

9.3 Brief Exchange of Reports and Information/Concerns of Members

IAM members were invited to provide report of their activities for presentation at CCMAS. Brief text and links supplied to the IAM secretariat are attached as Annex A to this report. The Chair asked that information be summarised with weblinks (e.g. meetings) to avoid a large volume of attachments to this report.

9.4 Website Update

A new website location is under development on the <https://www.foodchemicalscodex.org/> domain. An exact web address will be provided once the work is complete.

9.5 Update by Chair, Vice-Chair and Secretariat

No additional updates provided.

10. Other Business

10.1 Membership

Chair noted that ISDI was the most recent member added to IAM, and that other organizations can apply for membership.

10.2 New member application – IOC (International Olive Council)

IAM considered the application of IOC for membership. No objections were raised, and IOC was welcomed as a new member.

11. Provisional Date and Place of Next Meeting

Tentatively set for 8 May 2027, Budapest, the Codex Secretariat will confirm arrangements at a later date.

12. Close of Meeting

The Chair closed the meeting with thanks to the participants.

¹ https://www.fao.org/fileadmin/user_upload/codexalimentarius/committee/docs/INF_CCMAS_END_e.pdf

Annex A

AACC (Cereals & Grains Association)

Our Annual Technical Conference will be held in November 2026 in Bloomington MN (USA).

2026 Chemistry, Quality and Technology Conference, Nov 11-12, 2026.

<https://www.cerealsgrains.org/meetings/2026Conference/Pages/default.aspx>

New Method now Available: AACC Approved Method 22-15.01, Diastase Activity (Maltose Value) of Wheat Flour

AACC Approved Methods can be found at <https://www.cerealsgrains.org/resources/Methods/Pages/default.aspx>

For more information, see our website at www.cerealsgrains.org

Membership to Cereals & Grains Association is now free, to foster the collaboration that drives progress in our field.

AOAC INTERNATIONAL

- Overview All Science Programs and Projects: <https://www.aoac.org/aoac-science-and-supporting-programs/>
- Active Working Groups and Expert Review Panels (Anyone with an interest can sign up) <https://www.aoac.org/active-groups/>
- AOAC Annual Meeting 2026: <https://www.aoac.org/2026-aoac-international-annual-meeting-exposition/>
- Sign-up to weekly newsletter: <https://www.aoac.org/join-our-mailing-list/>

Eurachem

Shared below is some information regarding recent Eurachem guidance and coming events (further information available on the Eurachem website: www.eurachem.org).

New or revised guidance:

- Guide to Quality in Analytical Chemistry: An Aid to Accreditation (4th Edition, 2026)
- The Fitness for Purpose of Analytical Methods: A Laboratory Guide to Method Validation and Related Topics (3rd edition 2025) and related supplements:
 - Planning and reporting method validation studies (Supplement) (2nd Edition, 2025)
 - Blanks in method validation (Supplement) (2nd Edition, 2025)
- The Fitness for Intended Use of Analytical Equipment and Systems (1st Edition, 2025)
- Validation of Measurement Procedures that Include Sampling (1st Edition, 2024)

New guidance on “Evaluation of the measurement uncertainty from in-house overall precision and recovery data” (1st Edition, 2026) has been approved and will be published on-line shortly.

Coming events:

- Workshop “Quality in Analytical Measurements: Uncertainty Evaluation and Interpretation of Results” Lisbon, Portugal, 10-12 May 2026
- Training Course “Evaluation of the measurement uncertainty from in-house precision and recovery data”, Lisbon, Portugal, 10 May 2026
- Webinar “Ensuring Analytical Excellence - The Eurachem Fitness for Purpose Guide, 3rd edition, for Method Validation and Verification” 28 April 2026, 13-14 CEST
- 11th Eurachem Workshop on Proficiency Testing in Analytical Chemistry, Microbiology and Laboratory Medicine, Alicante, Spain, 28 September - 1 October 2026

ICC (International Association for Cereal Science and Technology)

Coming events

- 9th International Dietary Fibre Conference 2026, from 6 to 8 Octobre 2026 in Norwich (UK)
Key topics: fibre definition and analysis, gut and metabolic health, novel fibre sources, and strategies to

close the population fibre gap.

Conference website: <https://www.dietaryfibre.org/>

Working groups

Working groups for the revision of ICC methods are open in the following areas of expertise:

- Sampling and sample preparation
- Carbohydrates
- Macronutrients
- Micronutrients
- Safety
- Rheology
- Enzymatic activity
- Allergens
- Statistics

Experts interested to volunteer are invited to write to the ICC office at the following address: office@icc.or.at

IDF (International Dairy Federation)

- Annual IDF/ISO Analytical Week, Bern, CH, 5-7 May. Symposium on dairy protein beyond the measurement. <https://www.idf-iso-analytical-week-2026.ch/>
- Annual event IDF World Dairy Summit in Auckland, NZ, 15-20 November (<https://www.idfwds2026.com/>)
- New work on proposed draft Codex standard for liquid pasteurized camel milk. IDF is involved in preparatory work with UAE and NZ. IDF will start looking into available methods from [IDF/ISO standards](#) for essential composition, but will await progress from CCMMP to agree on provisions first, especially on authenticity and adulteration as absence of B-lactoglobulin is likely not enough). IDF will make sure the provisions are measurable (not waiting that the requests come to CCMAS).
- LinkedIn IDF World Newsletter: [Subscribe to IDF World on LinkedIn](#).

ISDI

ISDI launched a dedicated website for methods of analysis for Foods for Special Dietary Uses (FSDU) ([link](#)) last year on the occasion of World Food Safety Day. The latest update of the website includes methods for infant and adult FSMPs. ISDI has also started preparatory work for the review of the FSDU workable package for CXS 234-1999.

ISO

6.1

ISO/TC34/SC4 Cereals is seeking advice from SC4 members countries for a potential revision of ISO 20483 Cereals and pulses — Determination of the nitrogen content and calculation of the crude protein content — Kjeldahl method to extend the scope to quinoa.

9.2

- Revision of ISO 5725 Accuracy (trueness and precision) of measurement methods and results
- Two important parts of ISO 5725 were revised and published in 2025:
 - Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method
 - Part 5: Alternative methods for the determination of the precision of a standard measurement method

9.3.1

- ISO 22000 (food safety management system) is under revision
- ISO 16634 Determination of the total nitrogen content (Dumas method) is under revision (Part 1: Oilseeds and animal feeding stuffs and Part 2: Cereals, pulses and milled cereal products)

- 2026 ISO General Assembly will be organized in Paris by Afnor, from 28/9 to 2/10
- ISO/TC34/SC2 (Oleaginous) and SC11 (fats and oils): plenary meeting in India (10 to 14 March 2026)

NMKL

- NMKL reassessments/revisions are ongoing for the following methods relevant to CCMAS:
 - [NMKL 179](#). pH. Determination in foods. (Requirement for other dilutions)
 - [NMKL 6](#). Nitrogen. Determination in foods and feeds according to Kjeldahl. (Validations)
- The NMKL methods and procedures, and information about our activities are available on <https://www.nmkl.org>.

USP-FCC

USP welcomed the new Food Ingredients Expert Committee (FIEC) for the 2025-2030 cycle in September 2025.

The FI EC continues to develop new documentary standards, publishing them in the [FCC Forum](#) for public comment. Comments on the December 2025 FCC Forum, including a new monograph for Chickpea Protein and a number of new/revised colour additive monographs, are accepted through March 31, 2026. The FCC Forum is always free but requires a login, and we look forward to comments from IAM members on future standards.

USP staff will be giving presentations on the work of the FI EC at the upcoming meetings of ACS, AOCS and IFT.