

Workshop and Training Program on Sampling and Detection Methods Applied to Transgenic Crops

November 17 – 19, 2011, NIN, Hyderabad, India



International Regulatory Activities: Work at the CCMAS

Anne Bridges, AACC Intl



International and Regional Standards - Focus on Food

- Codex Alimentarius Commission
- International - ISO, ISTA, IUPAC
- Regional - PASC, NASCF, CEN
- National - ANSI, BIS, SLSI, BNSI
- Scientific - AACC Intl, AOAC, AOCS, ICC





CODEX ALIMENTARIUS
International Food Standards

World Health Organization | Food and Agriculture Organization of the United Nations

About Codex

INTERNATIONAL FOOD TRADE has existed for thousands of years but until not too long ago food was mainly produced, sold and consumed locally. Over the last century the amount of food traded internationally has grown exponentially, and a quantity and variety of food never before possible travels the globe today.

The **CODEX ALIMENTARIUS** international food standards, guidelines and codes of practice contribute to the safety, quality and fairness of this international food trade. Consumers can trust the safety and quality of the food products they buy, and exporters can trust that the food they ordered will be in accordance with their specifications.

Public concerns about food safety issues are often placed on Codex, at the centre of global debates. Biotechnology, pesticides, food additives and contaminants are some of the issues discussed in Codex meetings. Codex standards are based on the best available science assessed by independent international risk assessment bodies or ad hoc consultations organized by FAO and WHO.





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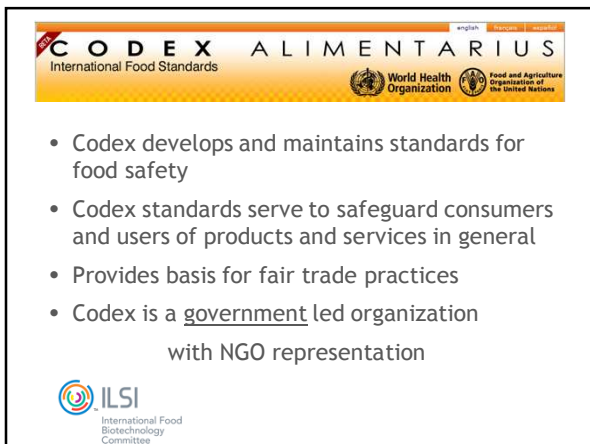
World Health Organization | Food and Agriculture Organization of the United Nations

www.codexalimentarius.org

The Codex Alimentarius Commission was created in 1963 by FAO and WHO to develop food standards, guidelines and related texts such as codes of practice under the Joint FAO/WHO Food Standards Programme.

The main purposes of this Programme

- are protecting health of the consumers and
- ensuring fair trade practices in the food trade, and
- promoting coordination of all food standards work undertaken by international governmental and non-governmental organizations.

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- Codex develops and maintains standards for food safety
- Codex standards serve to safeguard consumers and users of products and services in general
- Provides basis for fair trade practices
- Codex is a government led organization with NGO representation




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List of Active Codex Committees

- Codex Alimentarius Commission**
- Executive Committee**
- General Subject Committees**
 - CCFH: Codex Committee on Food Hygiene
 - CCFL: Codex Committee on Food Labelling
 - CCFIS: Codex Committee on Food Imports and Export Inspection and Certification Systems
 - CCFP: Codex Committee on Food Packaging
 - CCG: Codex Committee on General Principles
 - CCM: Codex Committee on Methods of Analysis and Sampling
 - CCNSJ: Codex Committee on Nutrition and Foods for Special Dietary Uses
 - CCPS: Codex Committee on Pesticide Residues
 - CCP: Codex Committee on Plant Protection Products in Foods
- Commodity Committees**
 - CCCF: Codex Committee on Fresh Fruits and Vegetables
 - CCCO: Codex Committee on Fats and Oils
 - CCCP: Codex Committee on Processed Fruits and Vegetables
 - CCS: Codex Committee on Spices
- ad hoc Intergovernmental Task Forces**
- FAO/WHO Coordinating Committees**
 - CCASIA: FAO/WHO Coordinating Committee for Asia
 - CCSEAP: FAO/WHO Coordinating Committee for Europe
 - CCSAC: FAO/WHO Coordinating Committee for Latin America and the Caribbean
 - CCNSRF: FAO/WHO Coordinating Committee for North America and South West Pacific
 - CCSEAF: FAO/WHO Coordinating Committee for West-East

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Regular meetings - agreed work items

- **Task Forces** - finite time
 - *Ad Hoc* Intergovernmental Task Force on Food Derived from Biotechnology - completed 2009
- **Committees** - active, adjourned *sine die*, ...
 - Commodities, e.g. "Fresh Fruits and Vegetables", "Fats and Oils", "Cereals, Pulses and Legumes"
 - Consumer Safety, e.g. "Food Additives and Contaminants", "Pesticide Residues", "Food Import and Export Inspection and Certification Systems"
 - Consumer Information e.g. "Food Labelling"

ILSI
International Food Biotechnology Committee

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All Standards need Approved Methods -
Codex Committee on Methods of Analysis and Sampling - CCMAS

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List of Active Codex Committees

Codex Committee on Methods of Analysis and Sampling (CCMAS)

Committee detail	Related Meetings	Related Standards												
<p>FAO/WHO ID No: CX/15</p> <p>Acronym: CCMAS</p> <p>Reference: CCMAS</p> <p>Name: Codex Committee on Methods of Analysis and Sampling</p> <p>Terms of Reference: (a) to define the criteria appropriate to Codex Methods of Analysis and Sampling; (b) to serve as a coordinating body for Codex with other international groups working in methods of analysis and sampling and quality assurance systems for laboratories; (c) to specify, on the basis of food recommendations submitted to it by the other bodies referred to in (b) above, Reference Methods of Analysis and Sampling appropriate to Codex Standards which are generally applicable to a number of foods; (d) to consider, amend, if necessary, and endorse, as appropriate, methods of analysis and sampling proposed by Codex (Commodity) Committees, except that methods of analysis and sampling for residues of pesticides or veterinary drugs in food, the assessment of micro-biological quality and safety in food, and the assessment of specifications for food additives, do not fall within the terms of reference of this Committee; (e) to elaborate sampling plans and procedures, as may be required; (f) to consider specific sampling and analysis problems submitted to it by the Commission or any of its Committees; and, (g) to define procedures, protocols, guidelines or related texts for the assessment of food laboratory proficiency, as well as quality assurance systems for laboratories.</p> <p>Status: Active</p> <p>Host Government: Hungary</p> <p>Next Meeting:</p> <table border="1"> <thead> <tr> <th>Session</th> <th>Place</th> <th>Date</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>33</td> <td>Budapest Hungary</td> <td>03/03/12 09/03/12</td> <td>No documents available</td> </tr> <tr> <td>34</td> <td>Budapest Hungary</td> <td>04/03/13 08/03/13</td> <td>No documents available</td> </tr> </tbody> </table>	Session	Place	Date	Documents	33	Budapest Hungary	03/03/12 09/03/12	No documents available	34	Budapest Hungary	04/03/13 08/03/13	No documents available		
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Codex Committee on Methods of Analysis and Sampling

- Define criteria appropriate to CCMAS
- Serve as coordinating body for Codex with other Intl groups working on analysis, sampling and QA systems for labs
- To specify reference methods appropriate to Codex standards (with other groups) applicable to number of foods

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Codex Committee on Methods of Analysis and Sampling

- To consider, endorse if appropriate, methods proposed by Commodity committees (except residues pesticides, Vet drugs in foods)
- Elaborate sampling plans
- Consider specific sampling and analysis problems
- To define procedures, protocols, for food lab proficiency and well as QA systems for labs

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Codex develops and maintains standards

Standard for Wheat Flour
Triticum durum Desf., singly or in combination other wheat; - to whole meal, whole-wheat flour or semolina, farina ... 1 Codex Standard 152-1985 Adopted 1985. Revision 1995. CODEX STANDARD FOR WHEAT FLOUR CODEX STAN 152-1985 1. SCOPE 1.1 This standard applies to wheat flour for direct human consumption prepared from common wheat, Triticum aestivum ... wheat flour destined for use as a brewing adjunct or for... Categories & Keywords [Hygiene, Labeling, Chemical-contaminants, Cereals, Pulses and Derived Products]
[/download/standards/50/CXS_152e.pdf](#)

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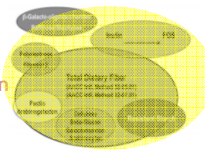




Codex develops and maintains standards

Report of the 30th Session of the Codex Committee on Nutrition and Foods for Special Dietary Uses (ALINORM 09/32/26)

CCNSDU ↔ CCMAS


CCMAS approved methods
e.g. 2010 Dietary Fiber Codex Definition
AACC Intl 32-45.01 (2009)

Adopted in 2003. Amendments 2008, 2011

Principles for the Risk Analysis of Foods derived from Modern Biotechnology (CAC/GL 44-2003)


July 2008 **Codex Guideline Annex 3: Food Safety Assessment in situation of LLP of r-DNA Plant Material in Food (CAC/GL 45-2003)**



Codex approves LLP guidelines - July 2009 (CAC/GL 45-2003)

Codex adoption of safety assessment guidelines for the low-level presence (LLP) of unauthorized transgenic material in food and feed products.



- Provides a roadmap enabling countries to set LLP thresholds for grains and other products
- New guidance recognizes that [LLP] is a natural part of plant biology, seed production and the distribution of commodity crops, and it can be managed in ways that ensure food safety and minimize trade disruptions
- With these new guidelines, countries can choose to move away from their current policies of zero thresholds for events authorized in one or more countries but not in the country of import.

July 2010

"Guidelines On Performance Criteria And Validation Of Methods For Detection, Identification and Quantification Of Specific DNA Sequences And Specific Proteins In Foods" (CAC/GL 74-2010)

July 2011 **Compilation of Codex Texts Relevant to Labelling of Foods Derived from Modern Biotechnology** a single document with some important elements of for guidance in Codex texts, which are relevant to labelling of foods derived from modern biotechnology (CAC/GL 76-2011)

WELCOME TO CODEx INDIA

A Preamble

The Codex Alimentarius Commission (CAC) was created in 1961/62 by Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO), to develop food standards, guidelines and related texts such as codes of practice under the Joint FAO/WHO Food Standards Programme. The main purpose of this Programme is to protect the health of consumers, ensure fair practices in the food trade, and promote coordination of all food standards work undertaken by international governmental and non-governmental organizations.

"Codex India" the National Codex Contact Point (NCCP) for India, is located at Food Safety and Standards Authority of India (Ministry of Health and Family Welfare), FDA Bhawan, Kotla Road, New Delhi - 110002, India. It coordinates and promotes Codex activities in India in association with the National Codex Committee and facilitates India's input to the work of Codex through an established consultation process.

For further information on the activities of Codex India, please contact:

National Codex Contact Point
Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare)
FDA Bhawan, Kotla Road,
New Delhi - 110002,
Tel: +91-11-23230997
Email: Codex-India@nic.in



"Codex India - The discussions and the decisions which have resulted through several Codex sessions, till date, have been summarised for the following key issues:

- National Food Control System
- Private Standards
- Ractopamine
- Equivalence
- Labelling of Genetically Modified Foods
- Nutritional Labelling"

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