

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of
the United Nations



World Health
Organization

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Agenda Item 3, 5, 6, 7

MAS/36 CRD/13
Original Language Only

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

36th Session
Budapest, Hungary, 23 – 27 February 2015

(Comments of Thailand)

Agenda Item 3

ENDORSEMENT OF METHODS OF ANALYSIS PROVISIONS IN CODEX STANDARDS

Thailand would like to express our appreciations to efforts of the CCPFV for the preparation of document.

General comments

In principle, we agree with methods of analysis and sampling plans proposed by Codex Committees.

Specific comments

However, we have observations on specific sections as the followings.

I. METHOD OF ANALYSIS

Methods of analysis for ginseng

- Methods of analysis for ginseng: Moisture and Ash

PROVISION	METHOD	PRINCIPLE	TYPE
Moisture	AOAC 925.45 B (Dried ginseng) Quantity of sample: 2 g AOAC 925.45 D (Ginseng extract) Quantity of sample: 1.5 g (mixing with 20 g of sea sand)	Gravity	IV
Ash	AOAC 923.03	Gravity	IV

The document provides standard operation procedure for the analysis methods of moisture and ash in ginseng. From our point of views, information on method validation that is necessary for considering the endorsement of method should be provided.

- Methods of analysis of ginsenosides Rb1, and Rf

The analysis of ginsenosides Rb1, and Rf by thin-layer chromatography (TLC) uses chloroform as the solvent composition. Nevertheless, chloroform is considered hazardous, so it could be dangerous for a person conducting the analysis and environment.

Our opinion is that CCMAS should consider the proposal of analytical method of ginsenosides Rb1, and Rf by TLC as proposed by Codex Committee on Processed Fruits and Vegetables (CCPFV).

II. SAMPLING PLAN

1. Sampling plan for canned fruits

It is observed that inspection levels identified in the proposed sampling plan are not in accordance with ISO and CAC/GL 50-2004.

ISO and CAC/GL 50-2004	Proposed sampling plan
Inspection level I = Reduced inspection	Inspection level I = Normal Sampling
Inspection level II = Normal inspection	Inspection level II = Disputes, (Codex referee purposes sample size), enforcement or need for better lot estimate
Inspection level III = Tightened inspection	

Therefore, we would like to request CCMAS for clarification on the identification of inspection level in the proposed sampling plan.

2. Sampling plan for Fumonisin (fb1 + fb2) in maize grain and maize flour and maize meal

- Sampling plan

- Table 1: Subdivision of maize sublots according to lot weight

For the column for an aggregate sample weight, the unit of weight should be additionally identified.

- Analytical method

- Table 3: Performance criteria for Fumonisin B1 and B2

Performance characteristics provided in “Table 3: Performance criteria for Fumonisin B1 and B2” are incomplete considering general criteria for the selection of methods of analysis (using the criteria approach) described in Codex procedural manual. The proposal provides only RSDr%, RSDR% and Recovery%.

In our opinions, other performance characteristics of the method should be provided in accordance with the requirement in the procedural manual such as LOD, LOQ and application range. And, it is recommended that RSDR% should not be higher than 44% and Recovery% should be 80-110.

Agenda Item 5

DISCUSSION PAPER ON DEVELOPMENT OF PROCEDURES/GUIDELINES FOR DETERMINING EQUIVALENCY TO TYPE I METHODS

Thailand would like to express our appreciations to efforts of the United States of America for preparing the document.

In principle, we support the consideration of developing procedures/guidelines for determining equivalency to Type I methods.

Agenda Item 6

DISCUSSION PAPER ON CRITERIA APPROACH FOR METHODS WHICH USE A ‘SUM OF COMPONENTS

Thailand would like to express our appreciations to efforts of the United Kingdom for preparing the document.

In principle, we support the elaboration of criteria approach for methods which use a “sum of components”. ‘

Agenda Item 7

REVIEW AND UPDATE OF METHODS IN CODEX STAN 234-1999

Thailand would like to express our appreciations to an effort of the Electronic Working Group led by Brazil for preparing the document.

In principle, we support the review and update of methods in CODEX STAN 234-1999.