

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

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Agenda Items 3.1, 3.2, 3.3, 4, 5.1

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## JOINT FAO/WHO FOOD STANDARDS PROGRAMME CODEX COMMITTEE ON SPICES AND CULINARY HERBS

Seventh Session

Kochi, Kerala India

29 January – 2 February 2024

Comment of Chile

According to the Principles for establishing Codex analysis methods and Analysis and sampling methods, comments are made for the proposed analytic methods referred to in the draft standards.

**Commentary for proposed analytic methods in proposed standards drafts CX/SCH 24/7/3, CX/SCH 24/7/4, CX/SCH 24/7/5, CX/SCH 24/7/6, CX/SCH 24/7/7, CX/SCH 24/7/7 Add.1**

### Draft standard for dried small cardamom CX/SCH 24/7/3

Provision	Method	Principles	Type	Commentary
Insect defiled/infested	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices	Visual Examination followed by Gravimetry	† III	It should be typified as type III because for dead insects ISO 927 was already proposed as type I.
Mammalian or/and Other excreta	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices	Visual Examination followed by Gravimetry	† III	It should be typified as type III because for extraneous matter, foreign matter and dead insects ISO 927 was proposed as type I.
Mould visible	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices	Visual Examination followed by Gravimetry	† III	It should be typified as type III because for extraneous matter, foreign matter and dead insects ISO 927 was proposed as type I.

**Draft standard for spice derived from dried fruits and berries: Part A: Requirements for allspice, juniper berry and star anise CX/SCH 24/7/4**

Provision	Method	Principles	Type	Commentary
Moisture	ISO 939	Distillation	I	Include in the principle "gravimetry" which is the one that accompanies post distillation.
Live Insect	ISO 927	Visual examination	I	Insert ISO 927 for the parameter Live Insects, since the same methodology is considered as for foreign matter.
Other excreta, mg/kg (max)	ISO 927	Visual examination	I	Insert ISO 927 for the parameter Live Insects, since the same methodology is considered as for foreign matter.
Raw fiber (% by mass): max.	AACC 32-17 o AOAC 962.09		IV	It is recommended to approve the method which is already in CXS 234 for raw fiber AACC 32-17 or AOAC 962.09 in a type IV classification because it is a matrix different from that of pepper.
Insect defiled/infested	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices	Visual Examination followed by Gravimetry	† III	It should be typified as type III because for dead insects ISO 927 was already proposed as type I.
Shriveled Immature Broken % weight/weight (max.)	ISO 927	Examen visual	I	For this parameter it should be the same method used for Extraneous Matter ISO 927.
Peduncles	ISO 927	Examen visual	I	For this parameter it should be the same method used for Extraneous Matter ISO 927.
Fragmented % weight/weight max	ISO 927	Examen visual	I	For this parameter it should be the same method used for Extraneous Matter ISO 927.
Out of Size	ISO 927	Examen visual	I	For this parameter it should be the same method used for Extraneous Matter ISO 927.
Max number of fruits per 100 g	ISO 927	Examen visual	I	For this parameter it should be the same method used for Extraneous Matter ISO 927.

**Draft standard for spice derived from dried fruits and berries: Part B: Requirements for vanilla CX/SCH 24/7/5**

Provision	Method	Principles	Type	Commentary
Colour (Color tolerance %weight/weight (max.))	[ISO 11037:2011]	Sensory Analysis		The same method must be adapted for extraneous matter if this type of provision corresponds to extraneous matter.
[Size tolerance %weight/weight (max.)]	ISO 927	Visual examination followed by Gravimetry	I	The same method must be adapted for extraneous matter if this type of provision corresponds to extraneous matter.
[Shriveled Immature Broken % weight/weight (max.)]	ISO 927	Visual examination followed by Gravimetry	I	The same method must be adapted for extraneous matter if this type of provision corresponds to extraneous matter.

**Proposed draft standard for dried roots, rhizomes and bulbs - Turmeric CX/SCH 24/7/6**

Provision	Method	Principles	Type	Commentary
Coloring power (curcuminoids content)(total curcuminoids (%) (colouring power) on dry basis (min))	ISO 5566	Spectrophotometry**	IV	Indicate in the method reference the sample preparation by ISO 2825, i.e. it should read ISO 5566 and ISO 2825, for the whole form of presentation.
Whole dead insects, (count) /100 g (max).	ISO 927	Visual examination followed by gravimetry	I	ISO 927 method is proposed to be defined as type I and V-8 method is proposed as type III.
Foreign matter	ISO 927	Visual examination followed by gravimetry	I	The V-8 method is proposed as type III for this parameter.
Mammalian or/and Other excreta	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices  ISO 927	Visual examination   Visual examination followed by gravimetry	<del>IV</del> III   I	It is proposed to classify method V-8 as type III, since it is standardized and used on herbs and spices.  The principle of the ISO 927 method should be defined as Visual Examination followed by gravimetry, and be defined as type I.

**Project document proposal for new work (comments in response to the document CL 2022/3-SCH) (Marjoram) CX/SCH 24/7/7**

Provision	Method	Principles	Type	Commentary
Insect defiled/infested	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices	Visual examination followed by gravimetry	† III	It should be typified as type III because ISO 927 was already proposed as type I for dead insects
Mammalian or/and Other excreta	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices	Visual examination followed by gravimetry	† III	It should be typified as type III because for foreign matter, extraneous matter and dead insects ISO 927 was already proposed as type I.
Mould visible	Method V-8 Spices, Condiments, Flavors and Crude Drugs (Macroanalytical Procedure Manual) MPM: V-8. Spices	Visual examination followed by gravimetry	† III	It should be typified as type III because for foreign matter, extraneous matter and dead insects ISO 927 was already proposed as type I.

**Discussion paper on the development of a standard for dried roots, rhizomes, bulbs - Galangal; greater galangal, lesser galanga; horseradish root; onions and shallots CX/SCH 24/7/7 Add.1**

Provision	Method	Principles	Type	Commentary
Moisture	AOAC 2001.12  ASTA 2.0	Distillation		One method should be defined as Type I and the other as Type III or II.
Total Ash	AOAC 950.49  ASTA 3.0	Distillation and Gravimetry		One method should be defined as Type I and the other as Type III or II. It should be considered that the appropriate principle is distillation and gravimetry.
Insoluble Ash	ISO 930: <del>1997</del>  Alternative: ASTA 4.0	Distillation and Gravimetry		One method should be defined as Type I and the other as Type III or II. It should be considered that the appropriate principle is distillation and gravimetry. Eliminate the year from the ISO 930 method.

Volatile oils	AOAC 962.17  ASTA 5.0	Distillation		One method should be defined as Type I and the other as Type III or II.
Extraneous Matter	ISO 927: <del>2009</del>  Alternative: ASTA 14.1	Visual examination		Eliminate the year of the ISO 927 method. One method should be defined as Type I and the other as Type III or II. It is suggested that ISO 927 should be Type I in accordance with what is stated for other spices or herbs.
Foreign matter	ISO 927: <del>2009</del>	Visual examination		Eliminate the year from the ISO 927 method. It should be typified as type I, as described for other spices or herbs .
Mould Visible %w/w (max.)	ISO 927	Visual examination		The ISO 927 method is proposed and typified as type I, in accordance with what is stated for other spices or herbs and in agreement with the fact that the same method should be considered as for foreign materials.