

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

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Agenda Item 6.1

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Original language only

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

Sixth Session

Virtual

26-30 September and 3 October 2022

Proposed draft standard for turmeric

(Comments from Chile, Kenya, Malaysia, Morocco, Rwanda, Saudi Arabia, Syria and Uganda)

Chile

De acuerdo con los Principios para el establecimiento de métodos de análisis del Codex y Métodos de análisis y muestreo, se realizan comentarios a los métodos analíticos propuestos a los que se hace referencia en los anteproyectos de normas.

| Parámetro | Método | Principio | Tipo | Comentario |
|--|--------------------|---------------------------------|--------|--|
| Humedad | ISO 939 | Destilación | I | Se sugiere además incluir el estándar de India parte 9 de la IS 1797 como tipo III. |
| Cenizas totales (base seca) | ISO 939 ISO 928 | Destilación Gravimetría | I I | Ambos métodos ISO 939 no son equivalente, el ISO 939 se basa en destilación y el segundo por gravimetría. Se debe tipificar solo a uno como tipo I, se sugiere Tipificación del ISO 928, ya que el 939 no es un método utilizado para cenizas. |
| Cenizas insolubles en ácido (base seca) | ISO 939 ISO 930 | Destilación Gravimetría | I I | Ambos métodos ISO 939 no son equivalente, el ISO 939 se basa en destilación y el segundo por gravimetría. Se debe tipificar solo a uno como tipo I, se sugiere Tipificación del ISO 928, ya que el 939 no es un método utilizado para cenizas. |
| Poder colorante (contenido de curcuminoides) | ISO 5566 | Evaluación sensorial (Gusto) | IV | Se sugiere incluir la metodología ISO 2825 la cual se utiliza para la preparación muestra y la ISO 5566 que se utiliza para la Cuantificación. Para la cúrcuma entera, la preparación de la muestra, seguida por la norma ISO 2825. Es importante indicar la absorbancia específica correspondiente a E 1% 1 cm l 425 nm. Mejorar descripción del principio más acorde a lo señalado en el método. Debería decir "Espectrofotometría Visible". |
| Materia extraña | ISO 927 | Examen visual/ Gravimetría | I | Mejorar descripción del principio más acorde a lo señalado en el método. Debería decir "Examen Visual". |
| Materia foránea | ISO 927 | Examen visual/ Gravimetría | I | Mejorar descripción del principio más acorde a lo señalado en el método. Debería decir "Examen Visual". |
| Insectos vivos | ISO 927 | Examen visual | I | Mejorar descripción del principio más acorde a lo señalado en el método. No habiendo al parecer una provisión con límite máximo, el comité debe establecer una propuesta de límite para poder aprobar el método. |

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| Excrementos de mamíferos o/y otros | Método V-8 Especias, condimentos, sabores y drogas crudas (Manual de procedimientos macroanalíticos) MPM: V-8. Especias ISO 927 | Examen visual | IV | Si bien no hay una norma específica para la cúrcuma “Entera y Picada/Partida/Rota”, se recomienda el método ISO 927 como tipo IV para este fin previsto. |
| Daño por moho | Método V-8 Especias, condimentos, sabores y drogas crudas (Manual de procedimientos macroanalíticos) MPM: V-8. Especias ISO 927 | Examen visual | IV | Mejorar descripción del principio más acorde a lo señalado en el método. El comité debe establecer un límite máximo permitido para esto. |
| Rizomas dañados (defectuosos) | ISO 927 | Examen visual | IV | Si bien no hay una norma específica para la cúrcuma, se recomienda el método ISO 927 como tipo IV para el parámetro “Rizomas dañados”, la cual no está descrita en el cuadro 4 del anexo III de este anteproyecto de norma. |

Kenya

- Position:** Kenya proposes the addition of the term ‘shall’ to the statement to read; ‘When dried Turmeric is traded as classified, the chemical and physical characteristics in Annexes I and II **shall** apply as the minimum requirements.

Rationale: Makes the requirements of Annex 1 it mandatory after classification.

- Position:** Kenya proposes the bolding of the title in table 2 and table 3 in annex 1.

Rationale: To be consistent with other codex texts.

Malaysia

| MALAYSIA PROPOSAL | |
|--|---|
| <p>5. CONTAMINANTS</p> <p>5.1 The products covered by this Standard shall comply with the maximum levels of the <i>General Standard for Contaminants and Toxins in Food and Feed</i> (CXS 193-1995) and any other relevant, Code of Practice for the Prevention and Reduction of Mycotoxins in Spices (CXC CXS 78-2017) and other relevant Codex texts.</p> | <p>To align with other Code x standard for spices and culinary herbs.</p> |

| | |
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| <p>Table 3. Physical characteristics</p> <p>To add foot note for extraneous matter, foreign matter and N/A as below:</p> <p><u>Extraneous matter: Vegetative matter associated with the plant from which the product originates but not accepted as part of the final product (i.e. floral and plant waste)</u></p> <p>–</p> <p><u>Foreign matter: Any visible/detectable objectionable foreign matter or material not usually associated with the natural components of the spice plant, such as sticks, stones, burlap bagging, metal, etc.</u></p> <p>–</p> <p><u>N/A: Not applicable, means that this form of the above product has not been evaluated for this provision, and currently do not have values. N/A does not refer to zero.</u></p> | <p>To align with other Code x standard for spices and culinary herbs.</p> |
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Morocco

Le Maroc n'a pas d'objection pour avancer les travaux de ce projet de norme.

Rwanda

Section or Paragraph

General

Nature of comment (Indicate whether technical or editorial)

Ge

Comment/Proposed Changes

Rwanda supports the Draft Standard for Dried Roots, Rhizomes and Bulbs -Turmeric.

Saudi Arabia

Specific Comment- Quality Factors Part:

Saudi Arabia suggests developing the Quality factors article for whole turmeric and ground powder turmeric in a line with the standard ISO 5562:1983 - Turmeric, whole or ground (powdered). As follow:

Whole turmeric is graded according to its presentation (rhizomes, fingers or bulbs), its origin and its extraneous matter content. Fingers, when sold separately, shall not contain more than: 7 % (mlm) of pieces (rhizomes of length less than 15 mm and screenings or fragments); and 5 % (pnlm) of bulbs.

Ground (powdered) turmeric is graded according to its particle size into two types, as follows :
 coarse powder : 98 % of the product shall pass through a sieve of aperture size 500 Pm; and fine powder : 98 % of the product shall pass through a sieve of aperture size 300 Fm.

Syria

ANNEX II /Table 3: Physical characteristics for dried or dehydrated Turmeric:

Syria suggest the physical characteristics for dried or dehydrated turmeric should be stricter in (table 3)

especially for: Mold visible %w/w (0 or more closer to 0, not NA), also live insects (by count) should be 0 not NA, or it should be NP. Let this value will expose human health to danger.

For mammalian excreta % mg/kg (max), it should be zero for whole and crushed turmeric, if any spices have rodent contamination that indicates poor hygiene and sanitation practices. Also Insect defiled should be specified

Syrian Arab Republic appreciates the opportunity offered to submit this Conference Room Document, and we hope to consider our comments.

Uganda

Uganda commends the work done by the EWG chairpersons and vice chairpersons.

The Uganda deliberated on the standard and generated the following comments:

1. under clause 2.1, members suggested that table 1 is deleted and rather add the scientific name replacing the word "...plant " in the statement
"....rhizomes of plants..."

Justification:

The common and scientific names are better represented in the text other than the table.

Proposed changes:

"....rhizomes of Turmeric (*Curcuma longa* L)....."

2. Uganda recommends that the tables be renumbered as tables "1 and 2".

Justification.

This is in reference to the previous recommendation where we recommended that the table 1 be deleted.

3. Uganda noted that in the table on chemical characteristics, the Total curcuminoids (%) in the table is not indicative where it is a "min" or "max"

Proposed changes

"Indicate whether the indicative value is "min" or "max";

4. Under clause 5.1, the statement ".....and any other relevant..." after the statement "...General Standard for Contaminants and Toxins in Food and Feed (CXS 193-1995)...." Is left hanging therefore recommending that the statement is deleted.

Justification

The statement is already catered for the last part of clause 5.1

5. Under clause 6, Uganda recommends that the statement "...Annex III Spices and Aromatic Herbs..." is added to the existing brackets.

Justification

The statement is hanging therefore confusing whether it is part of the statement or on its own.

Proposed changes

"...(CXC 75-2015, Annex III Spices and Aromatic Herbs)...."