

DJS 362: 2022

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Draft
Jamaican Standard

Specification

for

Bamboo sticks for culinary and related purposes



BUREAU OF STANDARDS JAMAICA

**Comment period:
6 November 2022 to 5 January 2023**

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CERTIFICATION MARKS



Product Certification Marks



Plant Certification Mark



Certification of Agricultural Produce



Jamaica-Made Mark

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Bureau of Standards Jamaica

6 Winchester Road

P.O. Box 113

Kingston 10

JAMAICA, W. I.

Tel: (876) 926 -3140-5/ 618 - 1534 / 632- 4275

Fax: (876) 929 -4736

Website: www.bsj.org.jm

E-mail: info@bsj.org.jm

Month Year

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Jamaican Standards establish requirements in relation to commodities, processes and practices, but do not purport to include all the necessary provisions of a contract.

The attention of those using this standard specification is called to the necessity of complying with any relevant legislation.

Amendments

No.	Date of Issue	Remarks	Entered by and date

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Draft Jamaican Standard

Foreword

The standard describes the requirements for disposable bamboo sticks for culinary and related purposes processed from bamboo timber materials (Bamboo Species including *Bambusa vulgaris* and *Dendrocalamus asper* and *D. latiflorus*). This standard also applies to bamboo barbecue skewers, bamboo fudge or ice cream sticks, bamboo incense sticks and bamboo toothpicks.

This standard is voluntary.

Committee representation

Related Documents

This standard makes reference to the following:

- a) *ISO 22157-1 Bamboo — Determination of physical and mechanical properties — Part 1: Requirements*
- b) *LY 1061-1992 Bamboo chopsticks*

Draft Jamaican Standard Specification for Bamboo sticks for culinary and related purposes

1 Scope

The standard describes the requirements for disposable bamboo sticks for culinary and related purposes, processed from bamboo timber materials (Bamboo Species including *Bambusa vulgaris* and *Dendrocalamus asper* and *D. latiflorus*). This standard also applies to bamboo barbecue skewers, bamboo fudge or ice cream sticks, bamboo incense sticks and bamboo toothpicks.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 22157-1 *Bamboo — Determination of physical and mechanical properties — Part 1: Requirements*

3 Terms and definitions

No terms and definitions are listed in this document.

4 Dimensions

Bamboo culinary sticks should meet the dimension requirements as outlined in the tables and figures below.

Table 1 — Standard dimensions for bamboo chopsticks

Dimension	Measurement (mm)	Deviation Range (mm)
Length	190, 210, 230, 240, 270	± 0.5
Width of the connective part	13.5	± 0.2
Thickness of the connective part	5.5	± 0.2
Diameter of the small end	3	± 0.5
Cone-shaped length in the small end	30	± 2
Thickness of the connective part	16	± 2

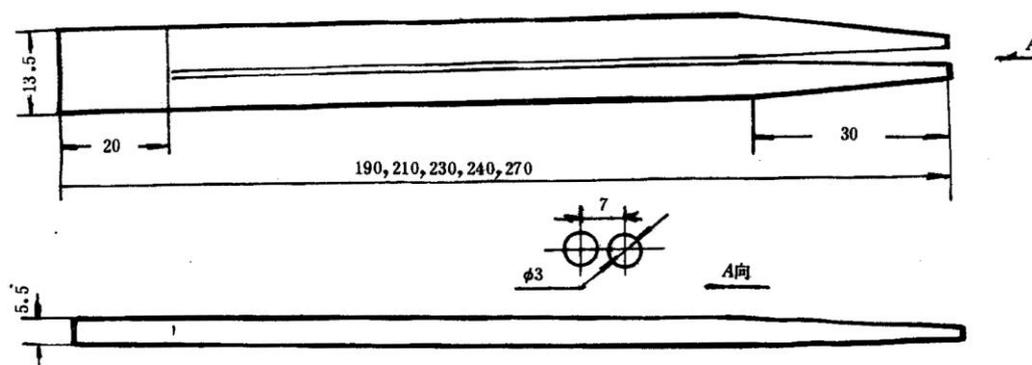


Figure 1. Diagram showing standard dimensions of bamboo chopsticks

Table 2 — Standard dimensions for bamboo skewers

Dimension	Measurement (mm)	Deviation Range (mm)
Length	125 to 300	±0.5
Width	3 to 5	±0.2
Length of pointed end	15	±0.2

Table 3 — Standard dimensions for bamboo fudge or ice cream sticks

Dimension	Measurement (mm)	Deviation Range (mm)
Length	65 to 180	±0.5
Thickness	2	±0.2
Width	10	±0.2

5 Technical requirements

5.1 Grading

Bamboo culinary sticks shall be classified into Grade 1 and Grade 2 in accordance with the bamboo quality and the processing quality, as outlined in Table 4.

5.2 Defects

Bamboo node, bamboo yellow, insect damage, discoloration by mould, decay and smell shall not be allowed.

5.3 Allowable processing defects

Processing defects for bamboo culinary sticks may be allowed as outlined in Table 4.

Table 4 — Allowable processing defects for bamboo culinary sticks

Processing defect	Grade 1	Grade 2
Warping of frontal surface (chopsticks only)	Not allowable	No more than 1 mm
Warping of surface	Not allowable	No more than 1 mm
Surface smoothness	Smooth	Smooth
Chatter marks	Not allowable	No more than 7 mm within the total length
Crack	Not allowable	Not allowable
Lengths of connective part (chopsticks)	Identical lengths	Identical lengths
Chopsticks lengths of each batch	Identical lengths	Identical lengths

5.4 Moisture content

The moisture content of bamboo culinary sticks shall be no more than 10% when tested in accordance with ISO 22157-1.

5.5 Good manufacturing practices

Bamboo culinary sticks shall be manufactured in compliance with good manufacturing practices so that, under normal or foreseeable conditions of use, they do not transfer their constituents to food in quantities which could:

- a) endanger human health;
- b) bring about an unacceptable change in the composition of the food; or
- c) bring about a deterioration in the organoleptic characteristics thereof.

6 Labelling, packaging, transportation, storage

6.1 Labelling

The packaging of bamboo culinary sticks should be labelled to include the following:

- a) factory name;
- b) factory address;
- c) products name;
- d) trademark;
- e) grade;
- f) quantity;
- g) date of production; and
- h) weight.

6.2 Packaging

6.2.1 There shall be 100 pairs of bamboo culinary sticks in one food grade package or a quantity as agreed between purchaser and supplier.

6.2.2 The package opening shall be sealed to prevent contamination.

6.3 Transportation

6.3.1 Bamboo culinary sticks shall be protected from breakage and moisture during transportation.

6.3.2 Bamboo culinary sticks shall not be transported in the same vehicle containing poisonous goods or goods of foul odour.

6.3.3 Bamboo culinary sticks shall be handled lightly and not under heavy pressure.

6.4 Storage

Bamboo culinary sticks shall be stored in airy, dry and sanitary conditions protected from moisture and contamination.

END OF DOCUMENT

Standards Council

The Standards Council is the controlling body of the Bureau of Standards Jamaica and is responsible for the policy and general administration of the Bureau.

The Council is appointed by the Minister in the manner provided for in the Standards Act, 1969. Using its powers in the Standards Act, the Council appoints committees for specified purposes.

The Standards Act, 1969 sets out the duties of the Council and the steps to be followed for the formulation of a standard.

Preparation of standards documents

The following is an outline of the procedure which must be followed in the preparation of documents:

1. The preparation of standards documents is undertaken upon the Standard Council's authorisation. This may arise out of representation from national organisations or existing Bureau of Standards' Committees of Bureau staff. If the project is approved it is referred to the appropriate sectional committee or if none exists a new committee is formed, or the project is allotted to the Bureau's staff.
2. If necessary, when the final draft of a standard is ready, the Council authorises an approach to the Minister in order to obtain the formal concurrence of any other Minister who may be responsible for any area which the standard may affect.
3. The draft document is made available to the general public for comments. All interested parties, by means of a notice in the Press, are invited to comment. In addition, copies are forwarded to those known, interested in the subject.
4. The Committee considers all the comments received and recommends a final document to the Standards Council
5. The Standards Council recommends the document to the Minister for publication.
6. The Minister approves the recommendation of the Standards Council.
7. The declaration of the standard is gazetted and copies placed on sale.
8. On the recommendation of the Standards Council the Minister may declare a standard compulsory.
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Kingston 10
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