

**CODEX STANDARD FOR GUAVA NECTAR**  
**PRESERVED EXCLUSIVELY BY PHYSICAL MEANS <sup>1</sup>**  
**CODEX STAN 148-1985**  
**(World-wide Standard)**

1. **DESCRIPTION**

Unfermented but fermentable pulpy or non-pulpy product, intended for direct consumption, obtained by blending guava juice and/or the total edible sieved or ground or homogenized product of sound, ripe guavas (*Psidium Guajava*), concentrated or unconcentrated, with water and sugars or honey and preserved exclusively by physical means. <sup>1</sup>

2. **ESSENTIAL COMPOSITION AND QUALITY FACTORS**

2.1 **Minimum Content of Fruit Ingredient**

The minimum content of single strength fruit ingredient or the equivalent from concentrated fruit ingredient shall not be less than 25 m/m.

2.2 **Sugars**

One or more of the sugars as defined by the Codex Alimentarius Commission shall be added.

2.3 **Honey**

Honey, as defined by the Codex Alimentarius Commission may be used if it is the sole added sweetening agent.

2.4 **Soluble Solids**

The soluble solids content of the product shall be not more than 20.0% m/m as determined by refractometer at 20 °C, uncorrected for acidity and read as ° Brix on the International Sucrose Scales.

2.5 **Ethanol Content**

The ethanol content shall not exceed 3 g/kg.

2.6 **Lemon Juice or Lime Juice**

Lemon juice or lime juice may be added as an acidifying agent.

2.7 **Organoleptic Properties**

The product shall have the characteristic colour, aroma and flavour of guavas, taking into consideration the addition of honey in substitution for sugars.

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<sup>1</sup> For the purpose of this standard, preservation by physical means does not include ionizing radiation.

### 3. FOOD ADDITIVES

	<u>Maximum level</u>
3.1 Citric acid	Limited by GMP
3.2 Malic acid	Limited by GMP

### 4. CONTAMINANTS

	<u>Maximum level</u>
4.1 Arsenic (As)	0.2 mg/kg
4.2 Lead (Pb)	0.3 mg/kg <sup>1 2</sup>
4.3 Copper (Cu)	5 mg/kg
4.4 Zinc (Zn)	5 mg/kg
4.5 Iron (Fe)	15 mg/kg
4.6 Tin (Sn)	250 mg/kg <sup>3 2</sup>
4.7 Sum of copper, zinc and iron	20 mg/kg
4.8 Sulphur dioxide	10 mg/kg

### 5. HYGIENE

5.1 It is recommended that the products covered by the provisions of this standard be prepared in accordance with the International Code of Hygienic Practice for Canned Fruit and Vegetable Products (Ref. No. CAC/RCP 2-1969) and the General Principles of Food Hygiene (Ref. No. CAC/RCP 1-1969, Rev. 2-1985) recommended by the Codex Alimentarius Commission.

5.2 When tested by appropriate methods of sampling and examination, the product:

- (a) shall be free from microorganisms capable of development under normal conditions of storage;
- (b) shall not contain any substances originating from microorganisms in amounts which may represent a hazard to health.

### 6. WEIGHTS AND MEASURES

#### 6.1 Fill of Container

##### 6.1.1 Minimum Fill

The guava nectar shall occupy not less than 90% v/v of the water capacity of the container. The water capacity of the container is the volume of distilled water at 20 °C which the sealed container will hold when completely filled.

<sup>1</sup> Endorsement postponed.

<sup>2</sup> These limits remain under review, taking into account a sampling plan.

<sup>3</sup> Temporarily endorsed.

## 7. MARKING OR LABELLING

### 7.1 Containers Destined for the Final Consumer

In addition to the requirements of the Codex General Standard for the Labelling of Prepackaged Foods (CODEX STAN 1-1985, Codex Alimentarius, Volume 1), the following specific provisions apply:

#### 7.1.1 The Name of the Food

7.1.1.1 The name of the product shall be "guava nectar" or "pulpy guava nectar", except that the non-pulpy product shall be named "non-pulpy guava nectar".

7.1.1.2 The words "minimum fruit content x%" shall appear in close proximity to the name of the product where "x" is the actual minimum percentage of fruit ingredient in the final product.

#### 7.1.2 Date Marking

The "date of minimum durability" shall be declared by the month and year in uncoded numerical sequence except that for products with a shelf-life of more than 18 months the year will suffice.

#### 7.1.3 Storage Instructions

Where practicable, storage instructions should be in close proximity to the date marking.

#### 7.1.4 Additional Requirements

The following additional specific provisions shall apply:

7.1.4.1 No fruit or fruit nectar may be represented pictorially on the label except guavas or guava nectar.

7.1.4.2 No claim shall be made in respect of "Vitamin C" nor shall the term "Vitamin C" appear on the label unless the product contains such quantities of "Vitamin C" as would be accepted by national authorities in the country in which the product is sold, as warranting such claim or the use of such term.

7.1.4.3 When the product contains honey, the declaration "contains honey" shall be in close proximity to the name of the product.

7.1.4.4 Where the guava nectar is required to be kept under frozen conditions, there shall be information for thawing of the product.

### 7.2 Non-Retail Containers

In the case of guava nectar in non-retail containers, the information required by Section 7.1 shall either be given on the container or in an accompanying document except that the name of the product and the name and address of manufacturer or packer should appear on the container. However, the name and address of the manufacturer or packer may be replaced by an

identification mark, provided that such a mark is clearly identifiable with the accompanying documents.

8. **METHODS OF ANALYSIS AND SAMPLING**

See Part VI of Volume X of the Codex Alimentarius.