



# UN RATIONS STANDARD

DATE: 31/08/2018

## BREAD FRUIT FROZEN SLICED

ED No: 03

CODE: UNSTD-COM 2113

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### 1. PRODUCT NAME

BREAD FRUIT FRESH SLICED

#### PRODUCT RISK

LOW

MEDIUM

HIGH

### DESCRIPTION



Consists of dough, made from whole wheat flour, crystallized mixed dried fruits and raisins, sugar, water and salt which has been fermented or leavened by baker's yeast. Each loaf shall contain at least 20% of candied fruit mix by weight. The product is frozen to  $\leq -18^{\circ}\text{C}$ .

### 2. INGREDIENTS

#### 2.1. ESSENTIAL INGREDIENTS

Whole wheat flour, candied fruit mix, also known as crystallized dried fruits, raisins, salt, sugar, shortening and/or vegetable oil and baker's yeast.

#### 2.2. OTHER PERMITTED INGREDIENTS

Fruit bread shall consist of ingredients such as, but not limited to, emulsifiers, stabilizers, mould inhibitors, milk or milk products, wheat gluten, edible starches, anti-mould improvers and other additives as permitted (Codex General Standard for Food Additives [GSFA] Database).

3.2.1 Pal Oil not permitted

### 3. PROCESSING

#### Processing

3.1. CODEX "CAC/RCP 1-1969, Rev. 4-2003; Code of Practice- General Principles of Food Hygiene including annex on HACCP systems and guidelines for application.

3.2. CAC/RCP 8-1976 CODE OF PRACTICE FOR THE PROCESSING AND HANDLING OF QUICK FROZEN FOODS

### 4. MICROBIOLOGICAL CRITERIA

#### FOOD SAFETY PARAMETERS

#### MAXIMUM LIMITS

- The product shall comply with any microbiological criteria established in accordance with Codex Guideline CAC/GL: 21-1997 "Principles for the Establishment and Application of microbiological criteria for food;
- The product shall be free from microorganisms in amounts which may represent a hazard to health and shall be free from any substance originating from microorganisms in amounts which may represent a hazard to health.

### 5. CHEMICAL CRITERIA

#### SAFETY PARAMETERS

#### MAXIMUM LIMITS

#### QUALITY PARAMETERS

#### MINIMUM LIMITS

Moisture content

37-38%

Protein

6.0 -7.0%

Acid insoluble ash (on dry basis)

0.2% w/w

Crude fibre (on dry basis)

0.3% w/w

Candied Fruit mix

20% w/w

### 6. PHYSICAL CRITERIA



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PARAMETER	LIMITS
Appearance and colour	Fruit bread shall have a uniform, brown crust, evenly baked, without evidence of burning and scorching. The product shall have a characteristic grain, with visible raisins fruits, no foreign colour; and shall not be damaged or crushed.
Odour or flavour	Shall have a characteristic bread aroma and fruit flavour and odour; with no stale, scorched, rancid or "rope" or "mouldy" odour.
Texture	The product shall be firm and tender. The crumb shall be springy with pores evenly distributed within the thin walls.
Foreign mater	Shall have no evidence of foreign material
Storage and Transportation	Shall be frozen to -18°C and the product temperature shall not exceed this temperature at any time during transportation, storage and delivery.

## 7. CONTAMINANTS

- 7.1. The Product shall comply with maximum residue limits established by Codex Alimentarius (See: CAC / MRL: 2009 Maximum residue Limits (MRLS) for pesticides).
- 7.2. The product shall comply with the Maximum Levels of the Codex general Standard for Contaminants and Toxins in Foods (Codex Stan: 193-1995).

## 8. NUTRITIONAL FACTS (Approximate values per 100 g)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	280 Kcal
Carbohydrates	54 g
Protein	7.0 g
Fat	3.5

## 9. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade biodegradable plastic, sealed or equivalent packaging material that maintains the product's organoleptic qualities and sanitary integrity. Able to withstand the rigors of transport and handling
Secondary packaging	Corrugated paper box or equivalent packaging that protects the integrity of the primary package, and withstands the rigors of transport and handling.
Primary packaging net weight	From 500g (9-12 slices) to 1 Kg (18-24) slices/Pack
Warranty at delivery location	1 Month

## 10. LABELLING

- 10.1. UNSTD-GEN-02 "UN Product Labelling"

### OTHER REQUIREMENTS

- 10.2. UNSTD-GEN-03: "UN Inspection"
- 10.3. UNSTD-GEN-04: "UN Certification"