

	<b>UN RATIONS STANDARD</b>	DATE: 31/08/2018
	<b>BREAD WHITE SLICED FROZEN</b>	ED No: 03
	<b>CODE: UNSTD-COM 2125</b>	Page: 1 of 2

## 1. PRODUCT NAME

BREAD WHITE SLICED FROZEN

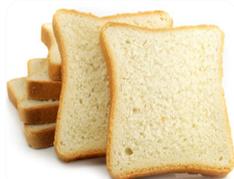
### PRODUCT RISK

LOW

MEDIUM

HIGH

## 2. DESCRIPTION



Consists of dough, made from wheat flour without other added flours, water and salt, sugar, shortening and/or vegetable oil which has been fermented or leavened by baker's yeast (*Saccharomyces cerevisiae*) and frozen to -18°C.

## 3. INGREDIENTS

### 3.1. ESSENTIAL INGREDIENTS

Wheat flour, salt, sugar, shortening and/or vegetable oil and baker's yeast.

### 3.2. OTHER PERMITTED INGREDIENTS

Fresh, white bread may contain ingredients such as, emulsifiers, stabilizers, mold 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 Palm oil not permitted

## 4. PROCESSING

### Processing

- 4.1. 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.
- 4.2. The product shall immediately be blast frozen and maintained frozen at -18°C at all times.

## 5. 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.

## 6. CHEMICAL CRITERIA

### SAFETY PARAMETERS

### MAXIMUM LIMITS

N/A

### QUALITY PARAMETERS

### MAXIMUM LIMITS

Protein	9.0%
Acid insoluble ash (dry basis)	≤0.1% (m/m)
Crude fibre (on dry basis)	<0.3% (m/m)
Moisture	38-40%
Ash	≤2.0%

## 7. PHYSICAL CRITERIA

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PARAMETER	LIMITS
Appearance and colour	Frozen bread shall have a uniform, brown crust, evenly baked, without evidence of burning and scorching. The product shall have a characteristic grain, no foreign colour; and shall not be damaged or crushed.
Odour or flavour	Shall have a characteristic bread aroma and odour; with no stale, scorched, rancid or “rope” or “moldy” odour.
Texture	The product shall be tender with a uniform brown crust. The crumb shall be springy with pores evenly distributed within the thin walls.
Foreign matter	Shall have no foreign matter.
Storage and Transportation	Shall be frozen to $\leq -18^{\circ}\text{C}$ and the product temperature shall not exceed $-18^{\circ}\text{C}$ at any time during transportation, storage and delivery.

## 8. CONTAMINANTS

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

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

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	230 Kcal
Carbohydrates	47.0 g
Protein	8.0 g
Fat	2.0 g

## 10. PACKAGING

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

## 11. LABELLING

- 11.1. UNSTD-GEN-02 “UN Product Labelling”

## 12. OTHER REQUIREMENTS

- 12.1. UNSTD-GEN-03: “UN Inspection”
- 12.2. UNSTD-GEN-04: “UN Certification”