

	UN RATIONS STANDARD	DATE: 01/04/2024
	BREAD WHITE SLICED FROZEN	ED No: 04
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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, vegetable oil which has been fermented or leavened by baker's yeast (*Saccharomyces cerevisiae*). Product must be frozen after production and maintained in frozen state.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

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

Optional: emulsifiers, stabilizers, mould inhibitors, milk or milk products, wheat gluten, edible starches
Palm Oil is not permitted.

3.2. OTHER PERMITTED INGREDIENTS

Food Additives: See Codex General Standard for Food Additives (GSFA) Database and where permitted, only those individual additive(s) indicated for the product shall apply and only within the limits specified.

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

5. MICROBIOLOGICAL CRITERIA

FOOD SAFETY PARAMETERS

- 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
Moisture	≤ 38 %
Total Aflatoxin; Aflatoxin B1	≤ 4 µg/kg; ≤ 2 µg/kg
Ochratoxin A	≤ 3 µg/kg
Deoxynivalenol (DON)	≤ 500 µg/kg
Zearalenone	≤ 50 µg/kg
Acrylamide	≤ 50 µg/kg
QUALITY PARAMETERS	LIMITS
Protein (min)	≥ 8.0 %
Acid insoluble ash	≤ 0.1% (m/m) (on dry basis)
Crude fibre	≤ 0.3 % (on dry basis)
Ash	≤ 0.6 %
Salt	≤ 1.4 %

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7. PHYSICAL CRITERIA

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 Temperature	-18°C to -25°C

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	232 kcal
Carbohydrates	44.0 g
Protein	9.5 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 500 g to 1 Kg (9-12 to 18-24 slices/Pack).
Warranty at delivery location	Minimum 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”