	UN RATIONS STANDARD	DATE: 30/10/2011
	BREAD BUNS HAMBURGER FROZEN	ED No: 01
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1. PRODUCT NAME

BREAD BUNS HAMBURGER FROZEN

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION



Hamburger buns are made out of dough, wheat flour, water and salt, with or without other ingredients, which has been fermented or leavened by baker's yeast and moulded into a round shape before baking.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Flour, salt, sugar, shortening and baker's yeast.

3.2. OTHER PERMITTED INGREDIENTS

Hamburger buns shall contain ingredients such as, but not limited to, emulsifiers, stabilizers, mould inhibitors, milk or milk products, wheat gluten, edible starches and other additives as permitted (Codex General Standard for Food Additives [GSFA] Database).

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	MAXIMUM LIMITS
<ul style="list-style-type: none"> 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
Protein	8.0 – 9.0
Acid insoluble ash (dry basis)	0.2% (w/w)
Crude fibre (on dry basis)	0.3% (m/m)
QUALITY PARAMETERS	MAXIMUM LIMITS
N/A	

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7. PHYSICAL CRITERIA

PARAMETER	LIMITS
Appearance and colour	Hamburger buns shall have a uniform, brown crust, evenly baked, without evidence of burning and scorching; shall have a characteristic grain, no foreign colour; and shall not be damaged or crushed.
Odour or flavour	They shall have a characteristic bread aroma and odour; with no stale, scorched, rancid or "rope" or "mouldy" 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. The grain texture shall be uniform.
Storage Temperature	Frozen hamburger buns shall be frozen to - 18 C and the product temperature shall not exceed this temperature at any time during 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	280 Kcal
Carbohydrates	51 g
Protein	8 g
Fat	3 g

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Frozen bread shall be wrapped and packaged, in a heat sealed food grade polythene bags or equivalent packaging material that maintains the product's both organoleptic qualities and sanitary integrity. Able to withstand 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	Up to 1 Kg (10/12 units)
Warranty at delivery location	1 Month

11. LABELLING

- 11.1. See UNSTD-GEN-02 "UN Product Labelling"

12. OTHER REQUIREMENTS

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