	UN RATIONS STANDARD	DATE: 30/10/2011
	CEREALS BRAN FLAKES RAISINS	ED No: 01
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1. PRODUCT NAME

CEREALS BRAN FLAKES RAISINS

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION



The product is a mixture of toasted whole wheat bran flakes and dried grape fruits (raisins).

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Whole wheat flour, wheat bran, raisins.

3.2. OTHER PERMITTED INGREDIENTS

Bran flakes with raisins may contain ingredients such as, but not limited to, sugar, barley malt extract, salt, tocopherols, niacin, thiamine, calcium, preservatives, mold inhibitors and other additives as permitted (Codex General Standard for Food Additives Codex STAN 192-195/11-2010: General standards for additives).

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. Codex STAN 192-195/11-2010: General standards for additives).

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

Moisture Content (Max)	8% (m/m)
Protein (N x 6.25) (Min)	5% (m/m)
Total fat	1.7-3.0% (m/m)
Total fibre (Min)	12%
Acid Insoluble Ash	0.2%

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7. PHYSICAL CRITERIA

PARAMETER	LIMITS
Odour	The cereal shall be free from rancid, musty and other objectionable odour
Flavour	Shall have a good characteristic flavour;
Colour	The flakes shall have a uniform, characteristic dark brown colour of bran;
Foreign matter	Shall have no evidence of foreign material.

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	322 Kcal
Carbohydrates	72 g
Protein	9 g
Fat	2 g

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade plastic or can or equivalent packing that maintains the integrity of the product both sanitary and organoleptic qualities intact 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	Up to 1Kg.
Warranty at delivery location	4 Months.

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"