



<b>UN RATIONS STANDARD</b>		DATE: 31/08/2018
<b>JUICE APPLE</b>		ED No: 04
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**1. PRODUCT NAME**

JUICE APPLE

PRODUCT RISK		
LOW	MEDIUM	HIGH

**2. DESCRIPTION**



Apple juice is a fruit juice reconstituted from apple (*Malius domestica*) juice concentrate. No added sugar/other sweeteners.

**3. INGREDIENTS**

**3.1. ESSENTIAL INGREDIENTS**

Apple concentrate, Water

**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. CODEX STAN 247-2005 STANDARD FOR FRUIT JUICES AND NECTARS
- 4.3. CAC/RCP 50-2003- “Code of Practice for the Prevention and Reduction of Patulin contamination in Apple Juice and Apple Juice ingredients in other beverages”.

**5. MICROBIOLOGICAL CRITERIA**

FOOD SAFETY PARAMETERS	MAXIMUM LIMITS
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- 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;
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- 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
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pH	3.35-4.0
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QUALITY PARAMETERS	MAXIMUM LIMITS
Brix	11.5° (Min)
Juice and/or Puree content	100%

The potable water used in reconstitution shall, at a minimum, meet the latest edition of the Guidelines for Drinking Water Quality of the World Health Organization.

### 7. PHYSICAL CRITERIA

PARAMETER	LIMITS
Foreign matter	Shall have no foreign matter.
Storage and Transportation	Ambient temperature

### 8. CONTAMINANTS

PARAMETER	MAXIMUM LIMITS
Patulin	50 µg/kg

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

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	46 Kcal
Proteins	0.1 g
Carbohydrate	11.3 g
Fats	0.1 g

### 10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Aseptic Tetra Brik or equivalent aseptic packaging
Secondary packaging	Corrugated paper box or equivalent packing that protects the integrity of the primary packages, and withstands the rigors of transport and handling.
Primary packaging net weight	
Warranty at delivery location	4 Months

### 11. LABELLING

- UNSTD-GEN-02 "UN Product Labelling"

### 12. OTHER REQUIREMENTS

- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"

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