



UN RATIONS STANDARD

DATE: 31/08/2018

JUICE APPLE

ED No: 04

CODE: UNSTD-COM 4150

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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 (*Malus 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

- 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

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
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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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