



## UN RATIONS STANDARD

DATE: 31/08/2018

### JUICE GRAPEFRUIT

ED No: 04

CODE: UNSTD-COM 4153

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#### 1. PRODUCT NAME

JUICE GRAPE FRUIT

#### PRODUCT RISK

LOW

MEDIUM

HIGH

#### 2. DESCRIPTION



Grapefruit juice is a fruit juice reconstituted from grapefruit (*Citrus paradise* Macfad) juice concentrate. No added sugar/other sweeteners.

#### 3. INGREDIENTS

##### 3.1. ESSENTIAL INGREDIENTS

Grapefruit 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 CODEX GENERAL STANDARD FOR FRUIT JUICES AND NECTARS

#### 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

pH

2.9-3.25

##### QUALITY PARAMETERS

##### MAXIMUM LIMITS

Juice and/or Puree content

100 %



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Brix

10° (min)

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
N/A	

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

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	30 Calories
Proteins	0.5 g
Carbohydrate	6.3 g
Fats	0.1 g

#### 10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Aseptic Tetra Brik or equivalent aseptic packaging Corrugated paper box or equivalent packing that protects the integrity of the primary packages, and withstands the rigors of transport and handling.
Secondary packaging	
Primary packaging net weight	1 Lt
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"