



UN RATIONS STANDARD	DATE: 31/08/2018
JUICE ORANGE	ED No: 04
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1. **PRODUCT NAME**
JUICE ORANGE

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. **DESCRIPTION**



Orange juice is a fruit juice reconstituted from orange (*Citrus sinensis*) juice concentrate without addition of sweetener.

3. **INGREDIENTS**

3.1. ESSENTIAL INGREDIENTS

Orange 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
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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;
- 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	3.3-4.19



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QUALITY PARAMETERS	MAXIMUM LIMITS
Juice and/or Puree content	100%
Brix	≥11.2°

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	49Kcal
Proteins	0.7 g
Carbohydrate	11.5 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”