



UN RATIONS STANDARD

DATE: 31/08/2018

CRYSTALS ORANGE

ED No: 02

CODE: UNSTD-COM 3108

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1. PRODUCT NAME

CRYSTALS ORANGE

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Crystals Orange are crystals that comprise of sugar, orange flavour and additives.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Sugar/sweetener, Orange flavour

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 212-1999 "Codex Standard for sugars"

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

3.0-4.0

QUALITY PARAMETERS


MAXIMUM LIMITS

7. PHYSICAL CRITERIA

PARAMETER

Appearance and colour

Orange crystals

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|----------------------------|--|
| Odour or flavour | orange |
| Texture | Crystals. |
| Foreign matter | The product shall be free from foreign or extraneous matter. |
| Storage and Transportation | Ambient temperature |

8. CONTAMINANTS

The products covered by this Standard shall comply with the Maximum Levels for contaminants that are specified for the product in the *General Standard for Contaminants and Toxins in Food and Feed* (CODEX STAN 193-1995).

9. NUTRITIONAL FACTS (Approximate values per 100 g)

| NUTRIENTS | AMOUNT PER 100 g OF PRODUCT |
|---------------|-----------------------------|
| Energy | 400 Kcal |
| Carbohydrates | 100 g |

10. PACKAGING

| PARAMETER | |
|-------------------------------|--|
| Primary packaging | Glass or equivalent recyclable/biodegradable packing material that maintains product's organoleptic qualities and sanitary integrity. Able to withstand the rigor of transport and handling. |
| Secondary packaging | Corrugated paper box or packing that protects integrity of the primary packages, and withstands the rigor of transport and handling. |
| Primary packaging net weight | 500g to 1 kg |
| Warranty at delivery location | 4 months |

11. LABELLING

11.1. UNSTD-GEN-02 "UN Product Labelling"

12. OTHER REQUIREMENTS

12.1. CODEX STAN 212-1999 "Codex Standard for sugars"

12.2. UNSTD-GEN-03: "UN Inspection"

12.3. UNSTD-GEN-04: "UN Certification"