



UN RATIONS STANDARD

DATE: 31/08/2018

VEGETABLE BEETROOTS FRESH

ED No: 02

CODE: UNSTD-COM 4214

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1. PRODUCT NAME

VEGETABLE BEETROOTS FRESH

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Root and tubercle vegetables of varieties (cultivars) grown from the beetroot (*Beta vulgaris* L. subsp. *vulgaris* Conditiva Group) to be supplied fresh to the consumer.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Beetroots

3.2. OTHER PERMITTED INGREDIENTS

N/A

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 or GLOBAL G.A.P.
- 4.2. "Code of Hygiene Practice for Fresh Fruits and Vegetables (CAC/RCP 53-2003)"

5. MICROBIOLOGICAL CRITERIA

FOOD SAFETY PARAMETERS

- 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

Agrochemicals/Pesticides residues


CODEX MRL

QUALITY PARAMETERS

The produce shall be intact, whole, sound, firm, clean, fresh, free of any discoloration of the flesh such as grey or black streaks; forked; secondary root growth; hollow; woody, fibrous or spongy; visible foreign matter, pests, damage caused by pests; and abnormal external moisture. Free of damage caused by low temperatures, bruises, malformation or abnormal curvature, size: Class I "Good Quality".

pH

5.32 – 5.56

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7. PHYSICAL CRITERIA

PARAMETER	LIMITS
Appearance and colour	Appropriate to the product.
Odour or flavour	Beetroots shall be free from rotting, foreign smell and/or taste, fungal damage or desiccation.
Texture	Appropriate to the product.
Foreign matter	Shall have no foreign matter.
Storage and Transportation	Ambient temperature

8. CONTAMINANTS

8.1. 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	43 Kcal

10. PACKAGING


PARAMETER	LIMITS
Primary packaging	The primary packaging material or equivalent recyclable/biodegradable packaging material must be able to maintain the product's organoleptic qualities and sanitary integrity. Must withstand the rigor of transport and handling.
Secondary packaging	Corrugated paper box or equivalent packing that maintains the integrity of the product sanitary and organoleptic qualities intact and withstands the rigor of transport and handling.
Packing size	N/A
Warranty at delivery location	1 Week

11. LABELLING

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

12. OTHER REQUIREMENTS

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

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