



# UN RATIONS STANDARD

DATE: 31/08/2018

## VEGETABLE ARROW ROOT FRESH

ED No: 01

CODE: UNSTD-COM 4299

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### 1. PRODUCT NAME

VEGETABLE ARROW ROOT FRESH

#### PRODUCT RISK

LOW

MEDIUM

HIGH

### 2. DESCRIPTION



Arrow root varieties (cultivars) grown from *Maranta arundinacea* (family-Marantaceae) to be supplied fresh to the consumer.

### 3. INGREDIENTS

#### 3.1. ESSENTIAL INGREDIENTS

Arrow root fresh

#### 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 of GLOBAL GAP.
- 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

Physiologically mature, intact, whole, sound, firm, clean, washed, root tuber trimmed and fresh; free of any visible foreign matter; pests, damage caused by pests; abnormal colouration; serious deformities; sub-epidermal stains; frost damage; sprouting; unhealed injuries; and abnormal external moisture; good quality; long, cylindrical, some with "toes", rough, scaly, starchy, maturity at senescent; size:; length 20-40cm; Diameter 10-15cm.

### 7. PHYSICAL CRITERIA



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PARAMETER	LIMITS
Appearance and colour	Appropriate to the product.
Odour or flavour	Arrow root fresh 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	65 Kcal

### 10. PACKAGING

PARAMETER	LIMITS
Primary packaging	The product shall be packed in food grade recyclable/biodegradable jute bags or equivalent packaging material that maintains the product's organoleptic qualities and sanitary integrity. Must withstand the rigor of transport and handling.
Packing size	N/A
Warranty at delivery location	2 Weeks

### 11. LABELLING

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

### 12. OTHER REQUIREMENTS

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

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