

	UN RATIONS STANDARD	DATE: 01/08/2016
	VEGETABLE SPINACH FROZEN	ED No: 02
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1. PRODUCT NAME

VEGETABLE SPINACH FROZEN

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION



Spinach of the species *Spinacia oleracea* L. as defined below and offered for direct consumption without further processing, to be supplied quick frozen (QF) to the consumer.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Spinach

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 GAP.
- 4.2. CAC/RCP 8-1976 CODE OF PRACTICE FOR THE PROCESSING AND HANDLING OF QUICK FROZEN FOODS
- 4.3. CODEX STAN 77-1981 CODEX STANDARD FOR QUICK FROZEN SPINACH

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

Individual quick frozen (IQF) spinach shall be clean; blanched; sound; well drained; free from foreign matter and foreign flavour or odour as well as fibrous material or sand, grit. Free from flower stems or buds, root material and extraneous vegetable material.

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7. PHYSICAL CRITERIA

PARAMETER

Appearance and colour	Appropriate to the product.
Odour or flavour	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	Shall be maintained at -18°C during storage and delivery.

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	29 Kcal
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10. PACKAGING

PARAMETER

LIMITS

Primary packaging	The product shall be wrapped and packaged, in a heat sealed food grade polythene bags or equivalent packaging material that maintains product's organoleptic qualities and sanitary integrity. Able to withstand the rigors of transport and handling.
Secondary packaging	Corrugated paper box or packing that protects integrity of the primary packages, and withstands the rigors of transport and handling.
Primary packaging net weight	Up to 2.5kg
Warranty at delivery location	4 months

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"