

	UN RATIONS STANDARD		DATE: 30/10/2011
	VEGETABLE BRUSSEL SPROUTS FROZEN		ED No: 01
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1. PRODUCT NAME

VEGETABLE BRUSSEL SPROUTS FROZEN

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Brussels sprouts of the species *Brassica oleracea* L. var. *gemmifera* (DC) Schulz, which buds are trimmed, sorted, washed and sufficiently blanched to ensure adequate stability of colour and flavour during normal marketing cycles, to be supplied quick frozen (QF) to the consumer.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Brussels sprouts

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.
- 4.2. CAC/RCP 8-1976 CODE OF PRACTICE FOR THE PROCESSING AND HANDLING OF QUICK FROZEN FOODS
- 4.3. CODEX STAN 112-1981 CODEX STANDARD FOR QUICK FROZEN BRUSSELS SPROUTS

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) Brussels sprouts shall be prepared from fresh, clean, sound, whole axillary buds of the plant by an appropriate freezing process. Free from yellow coloured buds units. Package shall contain only Brussels sprouts of the same origin, variety or commercial type, quality and size 26 - 36 mm.

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7. PHYSICAL CRITERIA

PARAMETER	
Appearance and colour	Fine regular green.
Odour or flavour	Free from rotting, foreign smell and/or taste, fungal damage or desiccation.
Texture	Appropriate to the product, crunchy, crispy.
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	41 Kcal

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	The product shall be packaged, in a heat sealed food grade plastic polythene bag or equivalent packaging material that maintains product's both 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 2kg
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"