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	VEGETABLE BEANS WAX CANNED	ED No: 01
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1. PRODUCT NAME

VEGETABLE BEANS WAX CANNED

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION



Bean wax canned is the product prepared from fresh, clean, sound, succulent pods of the varieties of the species *Phaseolus vulgaris* L. packed with water and processed by heat, in an appropriate manner to prevent spoilage. The product is hermetically sealed (water and air-tight) in a container, commercially sterile.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Wax bean plant transversely cut pods ≥ 20 mm long, medium which could be water with optional items; salt, spices and condiments

3.2. OTHER PERMITTED INGREDIENTS

Monosodium glutamate, vegetable gums, alginates, modified starches, and colours as permitted, tetrazine 10 mg/kg. 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 CAC/RCP 60-2005 "Code of practice for the prevention and reduction of tin contamination in canned food"
- 4.3. CAC/RCP 23-1979 "Recommended International Code of Hygiene practice for Low-Acid and Acidified Low-Acid Canned foods"
- 4.4. CODEX STAN 297-2009 CODEX STANDARD FOR CERTAIN CANNED VEGETABLES

5. MICROBIOLOGICAL CRITERIA

FOOD SAFETY PARAMETERS

MAXIMUM LIMITS

<i>Clostridium Botulinum</i>	$<10^1$ cfu/g
<i>Escherichia coli</i>	$<10^1$ cfu/g

- 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
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QUALITY PARAMETERS

MAXIMUM LIMITS

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pH <3.6

7. PHYSICAL CRITERIA

PARAMETER	
Texture	Fibrous
Odour and flavour	Characteristic of wax beans plant and other substances used
Colour	Golden or yellow
Uniformity of size	90% by count of units shall be uniform in size
Symmetry	≤ 20% by count of units shall be off-suture cuts
Foreign matter	Shall have no foreign matter
Storage	Shall be maintained at ≤30oC 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	20 Kcal

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Can or equivalent packing material that maintains product's both organoleptic qualities and sanitary integrity. Able to withstand the rigors of transport and handling. Shall not be < 90% (less Head space) of container water capacity. Minimum drained weight 53%.
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 1 kg
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"