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	PIE FILLER APPLE		ED No: 04
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1. PRODUCT NAME

PIE FILLER APPLE

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Pie Filler, Apple is a product prepared from fresh, frozen, or canned fruit, or a combination thereof, by cooking apples in pieces, adding foodstuffs with sweetening properties to obtain a semi-solid jelled consistency. It's used to cover or fill completely a pie (baked dish which is usually made of pastry dough).

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Apple (min 40%), water, sugar, modified corn starch

Optional: cinnamon, ground nutmeg, lemon juice, fruit essence, raisins

3.2. OTHER PERMITTED INGREDIENTS

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.

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	LIMITS
pH	3.2 - 3.6
QUALITY PARAMETERS	
N/A	

7. PHYSICAL CRITERIA

PARAMETER	LIMIT
Appearance and colour	Normal colour characteristics typical of the apples used.
Odour or flavour	Normal odour and flavour appropriate to the apples used in the preparation of the filler while taking into account any flavour imparted by optional ingredients.
Texture	Appropriate to the product, Fruit must be firm, not hard or mushy, Fruit pie filling must be thick, firm, and uniform with a gel-like body and must be easily



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Foreign matter

spreadable.

The product shall be free from foreign or extraneous matter.

Storage and Transportation Temperature	15°C to 25°C
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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 General Standard for Contaminants and Toxins in Food and Feed (CODEX STAN 193-1995).

8.2 The product covered by this Standard shall comply with maximum residue limits established by Codex Alimentarius (See: CAC / MRL: 2009 Maximum residue Limits (MRLs) for pesticides).

9. NUTRITIONAL FACTS (Approximate values per 100 g)

NUTRIENTS		AMOUNT PER 100 g OF PRODUCT
Energy		116 kcal
Carbohydrates		29 g
Protein		0.1 g
Fat		0.1 g

10. PACKAGING

PARAMETER	LIMIT
Primary packaging	Glass containers or equivalent recyclable/biodegradable packing material that maintains product's organoleptic qualities and sanitary integrity. Able to withstand the rigor of transport and handling. Shall not be <90% (less head space) of water capacity of container.
Secondary packaging	Corrugated paper box or packing that protects integrity of the primary packages, and withstands the rigor of transport and handling.
Primary packaging net weight	From 400 g to 1 kg
Warranty at delivery location	Minimum 4 months

11. LABELLING

11.1. UNSTD-GEN-02 “UN Product Labelling”

12. OTHER REQUIREMENTS

12.1. CODEX STAN 212-1999- “Codex Standard for sugars”

12.2. UNSTD-GEN-03: “UN Inspection”

12.3. UNSTD-GEN-04: “UN Certification”