



UN RATIONS STANDARD

DATE: 01/04/2024

FRUIT APPLES EATING FRESH

ED No: 04

CODE: UNSTD-COM 4104

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1. PRODUCT NAME

FRUIT APPLES EATING FRESH

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Apples of varieties (cultivars) grown from *Malus domestica* Borkh of the *Rosaceae* family to be supplied fresh to the consumer, apples for industrial processing being excluded.

3. INGREDIENTS

3.1. VARIETIES

Apples Braeburn, Cortland, Cripps Pink/ Red, Fuji, Gala, Ginger Gold, Golden Delicious, Granny Smith, Red Delicious, Honey crisp, Jonathan, Jonagold, McIntosh, Pacific Rose, Paula Red, Pink Lady and Wealthy,

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 G.A.P.

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

The produce shall be physiologically mature, intact, whole, sound, firm, clean, fresh, and display satisfactory ripeness, free of any visible foreign matter, pests, damage caused by pests and abnormal external moisture.

Free of damage caused by low temperatures, bruises, malformation or abnormal curvature; must withstand transportation and handling to arrive in satisfactory condition at the place of destination.

Size: ≥60 mm diameter or ≥120 g each.

7. PHYSICAL CRITERIA

PARAMETER

LIMITS

Appearance and colour

Appropriate to the product.



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Odour or flavour

Apples shall be free from rotting, foreign smell and/or taste, fungal damage or desiccation.

Uniformity

Content of each package must be uniform and contain only apples of the same origin, variety, quality, size and ripeness

Tolerance

≤ 5 % by number or weight, in quality; ≤ 10 % size provision

Texture

The product shall have smooth and glossy texture.

Foreign matter

Shall have no foreign matter.

Storage and Transportation Temperature

2 °C to 6°C **OR** 15°C to 25°C

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	56 kcal

10. PACKAGING

PARAMETER	LIMITS
Primary packaging	The primary packaging material or equivalent recyclable/biodegradable packaging material shall be able to maintain the product's organoleptic qualities and sanitary integrity. Must withstand the rigor of transport and handling.
Secondary packaging	Corrugated paper box or equivalent packing that protects the integrity of the product and withstands the rigor of transport and handling.
Packing size	N/A
Warranty at delivery location	Minimum 2 Weeks

11. LABELLING

- UNSTD-GEN-02 "UN Product Labelling"

12. OTHER REQUIREMENTS

- CAC/RCP 53-2003 -"Code of Hygiene Practice for Fresh Fruits and Vegetables"
- CODEX STAN 299-2010-"Standard for Apples"
- UNECE STANDARD FFV-50 APPLES
- CAC/RCP 44-1995 PACKAGING AND TRANSPORT OF FRESH FRUIT AND VEGETABLES
- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"