



UN RATIONS STANDARD

DATE: 01/04/2024

DAIRY MILK LONG LIFE REDUCED FAT

ED N°: 05

CODE: UNSTD-COM 1156

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PRODUCT RISK

LOW

MEDIUM

HIGH

1. PRODUCT NAME

DAIRY MILK LONG LIFE REDUCED FAT

2. DESCRIPTION

Cow's milk for direct consumption that has undergone a process of reduction of its fat content and an Ultra High Temperature treatment (135°C for 2 seconds or equivalent) before packaging into pre-sterilized Tetra Brik package.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

Reduced fat, cow's milk.

3.2. OTHER PERMITTED INGREDIENTS

None

4. MICROBIOLOGICAL CRITERIA

Food Safety Parameters

MAXIMUM LIMITS

Salmonella

n =5, c=0, Total absent in 25 g

Listeria monocytogenes

n =5, c=0, Total absent in 25 g

Coagulase positive Staphylococcus

n =5, c=0, Total absent in 25 g

Escherichia Coli

n =5, c=0, < 1cfu/ ml

Hygiene Parameters

MAXIMUM LIMITS

Total Plate count (after a 30°C ± 1°C incubation for 14 days)

n=5, c=2, m= 0 cfu/ml, M=10 cfu/ml.

Enterobacteriaceae (after a 30°C incubation for 14 days)

n=5, c=2, m= 0 cfu/ml, M=5 cfu/ml.

5. CHEMICAL CRITERIA

SAFETY PARAMETERS

MAXIMUM LIMITS

Aflatoxin M1

≤ 0.05 µg/kg

QUALITY PARAMETERS

LIMITS

Milk fat content

1.0-2.0 %

Milk Protein

≥ 3.0 %

Titrateable acidity (expressed as grams of Lactic acid /100 ml of milk)

≤ 0.2 %

6. PHYSICAL CRITERIA

PARAMETER


LIMITS

Odour or flavour

Fresh and free of foreign odours.

Colour

Milky white

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Foreign matter

Free from any impurity and sedimentation.

Storage and Transportation Temperature

15°C to 25°C

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	45 kcal
Proteins	3.0 g
Carbohydrates	4.8 g
Fats	1.5 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Aseptic Tetra Brik package
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	1 Lit.
Warranty at delivery location	Minimum 4 months

9. LABELLING

- UNSTD- GEN-02 “UN Product labelling”

10. OTHER REQUIREMENTS

- CODEX CAC/RCP 57-2004: “Code of Hygienic practices for milk and milk products”
- CODEX STAN 280-1973- Standard for Milkfat Products.
- CAC/GL 67-2008-Model Export Certificate for Milk Products
- UNSTD-GEN-01: “Contaminant levels”
- UNSTD-GEN-03: “UN Inspection”
- UNSTD-GEN-04: “UN Certification”