

**UN RATIONS STANDARD**

DATE: 01/08/2016

DAIRY MILK LONG LIFE REDUCED FAT

ED Nº: 03

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 Pak package in a sterile atmosphere.

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**

Pathogenic micro-organisms

Total Absent

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

≤ 0.5µg/kg

QUALITY PARAMETERS**LIMITS**

Milk fat content

1.0- 2.0%

Milk Protein

≥ 3.0%

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

≤ 0.2%

6. PHYSICAL CRITERIA**PARAMETER****LIMITS**

Storage Temperature

Ambient

Odour or flavour

Fresh and free of foreign odours.

Colour

Milky white

Foreign matter

Free from any impurity.

7. NUTRITION FACTS (Approximate values per 100 grams)**NUTRIENTS****AMOUNT PER 100 g OF PRODUCT**

Energy

50.0 Kcal



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| | |
|---------------|--------|
| Proteins | 3.3 g |
| Carbohydrates | 4.8 g |
| Fats | 1.98 g |

8. PACKAGING

| PARAMETER | LIMITS |
|------------------------------|---|
| Primary packaging | Tetra Pak |
| 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 L. |
| Warranty at deliver location | 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"
- UNSTD-GEN-01: "Contaminant levels"
- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"