

	UN RATIONS STANDARD	DATE: 31/08/2018
	DAIRY MILK LONG LIFE REDUCED FAT	ED Nº: 04
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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
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.
<i>Enterobacteriaceae</i> (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%
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
Foreign matter	Free from any impurity and sedimentation.

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Storage and Transportation

Ambient

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	50.0 Kcal
Proteins	3.3 g
Carbohydrates	4.8 g
Fats	1.98 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Aseptic Tetra Brik or equivalent aseptic 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 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”
- 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”