

	UN RATIONS STANDARD	DATE: 30/10/2011
	DAIRY MILK LONG LIFE REDUCED FAT	ED Nº: 01
	CODE: UNSTD-COM 1156	Page: 1 of 2

PRODUCT RISK		
LOW	MEDIUM	HIGH

1. PRODUCT NAME

Skimmed UHT Milk

2. DESCRIPTION

Cow's milk for direct consumption that has suffered a process of elimination of its fat content (through centrifugation) and an Ultra High Temperature treatment (135°C for 2 seconds or equivalent) before packaging into pre-sterilized tetra bricks in a sterile atmosphere.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

Skimmed 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	0.5- 1%
Milk Protein	≥ 2.9%
Titration acidity (expressed as grams of Lactic acid /100 ml of milk)	≤ 0.02

6. PHYSICAL CRITERIA

PARAMETER	LIMITS
Storage Temperature	Ambient
Odour or flavour	Fresh and free of foreign odours.
Colour	Translucent white
Foreign matter	Free from any impurity.

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	CODE: UNSTD-COM 1156	Page: 2 of 2

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	47.6 Kcal
Proteins	3.5 g
Carbohydrates	4.8 g
Fats	1.6 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Tetra Brick
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”