



# UN RATIONS STANDARD

DATE: 01/04/2024

## DAIRY MILK LONG LIFE FULL FAT

ED N°: 05

CODE: UNSTD-COM 1157

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### 1. PRODUCT NAME

WHOLE UHT (FULL FAT) MILK

#### PRODUCT RISK

LOW

MEDIUM

HIGH

### 2. DESCRIPTION

Cow's milk for direct consumption that has undergone a process of Ultra High Temperature treatment (135°C for 2 seconds or equivalent) before packaging into pre-sterilized aseptic Tetra Brik package in a sterile atmosphere.

### 3. INGREDIENTS

#### 3.1. ESSENTIAL INGREDIENTS

##### INGREDIENT

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

≤ 0.05µg/kg

#### QUALITY PARAMETERS

#### LIMITS

Milk fat content

≥ 3.25 %

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


Translucent white

Foreign matter

Free from any impurity.

Storage and Transportation Temperature

15°C to 25 °C

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## 7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	62.0 kcal
Proteins	3.2 g
Carbohydrates	4.8 g
Fats	3.3 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 rigor 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 206-1999-General Standard for the Use of Dairy terms.
- 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”