



UN RATIONS STANDARD

DATE: 01/08/2016

DAIRY MILK CHOCOLATE LONG LIFE

ED Nº: 03

CODE: UNSTD-COM 1152

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PRODUCT RISK

LOW	MEDIUM	HIGH
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1. PRODUCT NAME

Chocolate milk UHT

2. DESCRIPTION

Cow's milk for direct consumption that has undergone a process of Ultra High Temperature treatment (UHT= 135°C during 2 seconds or equivalent) before packaging into pre-sterilized Tetra Pak in a sterile atmosphere. Milk is flavoured with chocolate flavour prior to UHT treatment.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

Chocolate milk UHT shall contain ingredients such as:

Cow's milk

Chocolate flavouring

Sweetening agent

3.2. OTHER PERMITTED INGREDIENTS

Food Additives: See Codex General Standard for Food Additives (GSFA) Database and where permitted, only those individual additive(s) indicated for the product shall apply and only within the limits specified.

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

≥3.25%

Milk Protein

≥ 3.0 %

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

≤ 0.2%

6. PHYSICAL CRITERIA

PARAMETER

LIMITS

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Storage Temperature	Ambient
Odour or flavour	Distinctive chocolate flavour and free from foreign odours
Colour	Brown, chocolate colour
Foreign matter	Free from any impurity.

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	83 Kcal
Proteins	3.17 g
Carbohydrates	10.3 g
Fats	3.39 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	Up to 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"