	UN RATIONS STANDARD	DATE: 30/11/2013
	DAIRY YOGURT LOW FAT PLAIN UHT	ED Nº: 02
	CODE: UNSTD-COM 1162	Page: 1 of 2

PRODUCT RISK		
LOW	MEDIUM	HIGH

1. PRODUCT NAME

UHT Low Fat Yogurt

2. DESCRIPTION

Milk product obtained by fermentation of milk through the addition of starter cultures of *Streptococcus thermophilus* and *Lactobacillus delbrueckii* subsp *bulgaricus* and heat treated after fermentation in order to eliminate the presence of any bacteria in the final product.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

UHT Low Fat Yogurt UHT shall contain ingredients such as:

Cow's milk

Starter cultures (*Streptococcus thermophilus* and *Lactobacillus delbrueckii* subsp *bulgaricus*)

Sweetener

3.2. OTHER PERMITTED INGREDIENTS

INGREDIENT


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
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.
Hygiene Parameters	MAXIMUM LIMITS
<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	0.5-2%
Milk solids nonfat content	≥ 8.25%
Milk Protein	≥ 2.7%
Titrateable acidity (expressed as grams of Lactic acid /100 ml of milk)	≥ 0.9%

	UN RATIONS STANDARD	DATE: 30/11/2013
	DAIRY YOGURT LOW FAT PLAIN UHT	ED Nº: 02
	CODE: UNSTD-COM 1162	Page: 2 of 2

6. PHYSICAL CRITERIA

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

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	90.3 Kcal
Proteins	3.8 g
Carbohydrates	16.73 g
Fats	1.2 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade plastic sealed packing material that maintains product's organoleptic qualities and sanitary integrity. Able to withstand the rigors of transport and handling.
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 150 g
Warranty at deliver location	3 Months

9. LABELLING

- See 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"