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	DAIRY YOGURT PASTEURISED LOW FAT BLUEBERRY HALAL	ED N°: 02
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1. PRODUCT NAME

BLUEBERRY LOW FAT PASTEURISED YOGURT HALAL

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION



Milk product obtained by pasteurization of low-fat cow's milk through the addition of starter cultures of *Streptococcus thermophilus* and *Lactobacillus delbrueckii* subsp *bulgaricus* or any *Lactobacillus* species and treated to eliminate the presence of any bacteria in the final product.

An addition of Blueberry and/or blueberry flavouring is added.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

Pasteurized Cow's milk and/or products obtained from milk, starter cultures (*Streptococcus thermophilus* and *Lactobacillus delbrueckii* subsp *bulgaricus*), or any *Lactobacillus* species, sweetener, with blueberry pulp, juice or puree, blueberry flavour. Product may contain blueberry pieces.

Optional: gelatin (must be derived from a Halal source), starch, salt

3.2. OTHER INGREDIENTS PERMITTED

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

Salmonella

n= 5 c=0 Absent/ 25 g

Listeria monocytogenes

n= 5 c=0 Absent/ 25 g

Shiga toxin-producing E. coli (STEC)

n= 5 c=0 Absent/ 25 g

Hygiene Parameters

MAXIMUM LIMITS

Enterobacteriaceae

n=5 c=2 m=1 cfu/ml M=5 cfu/ml

Coagulase-positive staphylococci

n=5 c=2 m=10 cfu/ml M= 100 cfu/ml

Coliforms

n=5 c=0 m=M = 10 cfu/ml

5. CHEMICAL CRITERIA

SAFETY PARAMETERS

MAXIMUM LIMITS

Aflatoxin M1

≤ 0.05 µg/kg

QUALITY PARAMETERS

LIMITS

Milk fat content

0-2 %

Milk solids non-fat

≥ 8.25 %

Milk Protein

≥ 2.7 %

Titrateable acidity (expressed as gram of Lactic acid/ 100 ml of milk)

≥ 0.6 %


6. PHYSICAL CRITERIA

PARAMETER

LIMITS

Odour or flavour

Fresh and free of foreign odours.

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Colour	Violet (Typical of blueberry)
Foreign matter	Free from any impurity.
Storage and Transportation Temperature	2°C to 6°C

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	77.0 kcal
Proteins	6.2 g
Carbohydrates	13.0 g
Fats	1.0 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	From 100 g to 200 g
Warranty at delivery location	Minimum 2 weeks

9. LABELLING

- UNSTD- GEN-02 “UN Product labelling”

10. OTHER REQUIREMENTS

- CODEX STAN 243-2003 – Standard for fermented Milks
- 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”
- CODEX CAC/GL 24 -1997: General Guidelines for use of the term “Halal”.