



UN RATIONS STANDARD

DATE: 31/08/2018

DAIRY ICE CREAM CHOCOLATE

ED Nº: 03

CODE: UNSTD-COM 1148

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PRODUCT RISK

LOW	MEDIUM	HIGH
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1. PRODUCT NAME

DAIRY ICE CREAM CHOCOLATE

2. DESCRIPTION



Frozen dessert made from pasteurized cow's milk and cream with chocolate flavour.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

Chocolate Ice Cream shall contain ingredients, such as: Cow's milk, Double cow's cream, Sugar, Chocolate flavour, Egg yolk

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

Listeria monocytogenes

m= Absent in 25 g.

Salmonella spp.

m= Absent in 25 g.

Total plate count

n=5, c=2, m= 10⁵ cfu/g, M=5x10⁵ cfu/g

Hygiene Parameters

MAXIMUM LIMITS

Total Coliforms

n=5, c=2, m= 10 cfu/g, M=10² cfu/g

Staphylococcus aureus

n=5, c=2, m= 10 cfu/g, M=10² cfu/g

5. CHEMICAL CRITERIA

SAFETY PARAMETERS

MAXIMUM LIMITS

Aflatoxin M1

≤ 0.5 µg/kg

QUALITY PARAMETERS

LIMITS

Milk fat content

>10%

Milk Solids non fat

> 10%

Total Milk Solids

> 20%

6. PHYSICAL CRITERIA

PARAMETER

LIMITS

Odour or flavour

Fresh and free of foreign odours. Typical of Chocolate.

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PARAMETER	LIMITS
Colour and Appearance	Light to Dark brown. Smooth consistent and free from ice crystals.
Foreign matter	Free from any impurity not proper of the product
Other physical criteria	Free from ice glaze.
Storage and Transportation	Free from signs of thawing and refreezing. ≤ -18°C

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	216 Kcal
Proteins	3.8 g
Carbohydrates	28.2 g
Fats	11.0 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade plastic sealed or equivalent recyclable/biodegradable packing material that maintains product's organoleptic qualities and sanitary integrity. Able to withstand the rigor of transport and handling.
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	From 1 Lt to 4 Lt.
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"
- CAC/GL 66-2008- Guidelines for the Use of Flavourings
- CODEX STAN 280-1973- Standard for Milkfat Products.
- CAC/GL 67-2008-Model Export Certificate for Milk Products.
- CODEX CAC/RCP 15-1976 (Rev. 1 2007): "Code of Hygienic practices for eggs and egg products"
- UNSTD-GEN-01: "Contaminant levels"
- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"