



UN RATIONS STANDARD

DATE: 31/08/2018

DAIRY CHEESE CHEDDAR

ED Nº: 04

CODE: UNSTD-COM 1136

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1. PRODUCT NAME

Cheddar Cheese

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Ripened (3-12 months) hard cheese made of pasteurized cow's milk. Starter cultures consist of non-gas forming lactic acid bacteria. The curd has been stirred or cheddared after coagulation.

Freezing of cheese is not permitted

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

Cheddar Cheese shall contain ingredients such as:

Cow's or buffalo's milk

Starter cultures of harmless non-gas forming acid lactic or flavour bacteria.

Rennet (or other coagulating enzymes)

Potable water

Sodium Chloride

Enzymes to enhance ripening process and processing aids

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

Salmonella spp.

n=5, c=0, m= Absent 25 g.

Listeria monocytogenes

n=5, c=0, m= Absent 25 g.

Escherichia coli

n=5, c=2, m= 10 cfu/g, M= 10² cfu/g.

Hygiene Parameters

MAXIMUM LIMITS

Staphylococcus aureus

n=5, c=2, m= 10² cfu/g, M= 10³ cfu/g.

5. CHEMICAL CRITERIA

SAFETY PARAMETERS

MAXIMUM LIMITS

Aflatoxin M1

≤0.5µg/kg

QUALITY PARAMETERS

LIMITS

Moisture content

≤ 39%

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Milk fat in dry matter $\geq 55.7\%$ **6. PHYSICAL CRITERIA**

PARAMETER	LIMITS
Texture and appearance	Firm (to thumb pressure), smooth and waxy. Free of gas holes. A low number of openings and splits are acceptable.
Odour or flavour	Typical of Cheddar Cheese.
Colour	From ivory to orange.
Foreign matter	Free from any impurity inappropriate of the product.
Storage and transportation	2°C - 6°C

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	403 Kcal
Proteins	25.0 g
Carbohydrates	1.2 g
Fats	34.0 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade plastic sealed or recyclable/biodegradable polyethylene or equivalent packing material that maintains the 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 rigors of transport and handling.
Primary Packaging Net weight	From 1 kg to 2 Kg
Warranty at deliver location	1 month

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 283-1978: "General Standard for Cheese"
- UNSTD-GEN-01: "Contaminant levels"
- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"