



UN RATIONS STANDARD

DATE: 31/08/2018

FISH COD FILLET FROZEN

ED N°: 03

CODE: UNSTD-COM 1166

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1. PRODUCT NAME

FISH COD FILLET FROZEN

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Skinless and boneless slices; cut parallel to the backbone, of the species *Gadus morhua* and *Gadus macrocephalus*, of irregular size and shape. Deep frozen (individually quick frozen (IQF)); internal product temperature maintained at -18°C or below at all times. Each fillet weight shall be between 200 g- 500 g and must be layer packed.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT

Cod Fillets

3.2. OTHER PERMITTED INGREDIENTS

ADDITIVES

MAXIMUM LIMITS

Moisture and water retention agents, Antioxidants: For permitted additives: See Codex General Standard for Food Additives (GSFA) Database.

4. MICROBIOLOGICAL CRITERIA

Food Safety Parameters

MAXIMUM LIMITS

Salmonella/Shigella

Absent in 25 g.

Pathogenic *Escherichia coli*

Absent in 25 g.

Vibrio cholerae

Absent in 25 g.

Vibrio parahaemolyticus

Absent in 25 g

Listeria monocytogenes

Absent in 25 g.

Hygiene Parameters

MAXIMUM LIMITS

Staphylococcus aureus

n=5, c=2, m=5x10² cfu/g, M= 10³ cfu/g

Total coliforms

n=5, c=3, m= 10 cfu/g, M=10² cfu/g

5. CHEMICAL CRITERIA

SAFETY PARAMETER

LIMITS

Total volatile basic nitrogen

<350 mg/kg

6. PHYSICAL CRITERIA

PARAMETER

LIMITS

Texture

The flesh must not show breakdown or pasty texture, indicative of decomposition or parasitic infestation.

Odour or flavour

Free of foreign odours indicative of decomposition, rancidity or feed



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Colour	Less than 10% of white or yellow areas indicative of dehydration.
Foreign matter	Absence of any matter not derived from the fish. Permitted one bone per kg less or equal to 5mm in length and 2 mm in diameter.
Parasites	Less than 2 parasites per kg Encapsulated: Capsular diameter <3mm Not encapsulated: parasite length <10 mm.
Other physical criteria	Free from signs of thawing and refreezing.
Net content (Glazed product)	If product is glazed, net contents declared shall exclude the glaze.
Storage and Transportation	-18°C

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT	
	<i>Gadus morhua</i>	<i>Gardus macocaphalus</i>
Energy	74 Kcal	69 Kcal
Proteins	17.7 g	15.3 g
Carbohydrates	0 g	0 g
Fats	0.7 g	0.41

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Layer packaged food grade polyethylene heat sealed or equivalent recycled / 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 rigors of transport and handling.
Primary packaging net weight	From 3.5 Kg to 7 Kg
Warranty at delivery location	4 months

9. LABELLING

- UNSTD-GEN -02 "UN Product labeling"

10. REFERENCES

- CODEX CAC/RCP 8 – 2008 (Rev. 3) : "Recommended International Code of Practice for the Processing and Handling of Quick Frozen Foods"
- CODEX CAC/RCP 52-2003 (Rev. 4): "Code of Practice for Fish and Fishery Products"
- CAC/GL-48-2004 – Model Certificate for Fish and Fishery Products
- CODEX STAN 190-1995 – Standard for Quick Frozen Fish Fillets

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- UNSTD-GEN-01: "Contaminant levels"
- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"