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	FISH TUNA IN OIL CANNED	ED Nº: 04
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1. PRODUCT NAME

FISH TUNA IN OIL CANNED

PRODUCT RISK		
	MEDIUM	HIGH

2. DESCRIPTION



Thunnus albacares (Yellowfin tuna) or *Katsuwonus pelamis* (Skipjack tuna) solid packed, boneless and skinless, cut into transverse segments, hermetically sealed in cans, in vegetable oil as liquid packing medium. Product must meet criteria for commercial sterility.

3. INGREDIENTS

Tuna, Vegetable Oil

Optional: Salt

3.1. ESSENTIAL INGREDIENTS

INGREDIENT	PERCENTAGE
Tuna	≥ 65%
Vegetable Oil	≤ 35%

3.2. OTHER PERMITTED INGREDIENTS

ADDITIVES

For permitted additives: Codex General Standard for Food Additives (GSFA) Database

4. MICROBIOLOGICAL CRITERIA

Food Safety Parameters	MAXIMUM LIMITS
<i>Salmonella/Shigella</i>	n=5,c=0, Absent in 25 g.
Pathogenic <i>Escherichia coli</i>	n=5,c=0, Absent in 25 g.
<i>Vibrio Cholerae</i>	n=5,c=0, Absent in 25 g.
<i>Vibrio parahaemolyticus</i>	n=5,c=0, Absent in 25 g.
<i>Listeria monocytogenes</i>	n=5,c=0, Absent in 25 g.
Sulphite reducing <i>Clostridia</i>	n=5,c=0, Absent in 25 g.


Hygiene Parameters	MAXIMUM LIMITS
Total plate count (after 14 days preincubation to 30°C)	n=5, c=2, m= 0cfu/g, M=10cfu/g

5. CHEMICAL CRITERIA

SAFETY PARAMETER	LIMITS
Histamine	< 10 mg/100g

6. PHYSICAL CRITERIA

PARAMETER	LIMITS
Texture	The flesh must not show breakdown or pasty texture, indicative of decomposition or parasitic infestation. Flakes no more than 18% of drained weight.
Odour or flavour	Free of foreign odours indicative of decomposition, rancidity or feed

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Colour	Light brown
Foreign matter	Absence of matter not derived from the fish.
Storage and Transportation Temperature	15°C to 25°C

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Calories	186 kcal
Proteins	26.5 g
Carbohydrates	0 g
Fats	8.1 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Can (food grade).
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 500 g
Drained weight	≥ 65 % of product's net weight
Warranty at delivery location	Minimum 4 months

9. LABELLING

- UNSTD-GEN-02 "UN Product labelling"

10. REFERENCES

- CODEX STAND 70-1981 Standard for Canned Tuna and Bonito
- CODEX CAC/RCP 52-2003 (Rev. 4): "Code of Practice for Fish and Fishery Products"
- UNSTD-GEN-01: "Contaminant levels"
- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"