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	Fish Sardines In Oil		ED Nº: 02
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PRODUCT RISK		
LOW	MEDIUM	HIGH

1. PRODUCT NAME

Canned sardines in vegetable oil

2. DESCRIPTION



Eviscerated *Sardinapilchardus*, *Sardinops* and *Sardinella* species, head and gills removed, scales and tail removed, hermetically sealed in a can, in vegetable oil as liquid packing medium.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

INGREDIENT	PERCENTAGE
Sardines (<i>Sardinapilchardus</i> M <i>Sardinops</i> and <i>Sardinella</i>)	≥ 65%
Vegetable Oil	≤ 35%
Salt	

3.2. OTHER PERMITTED INGREDIENTS

ADDITIVES

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

4. MICROBIOLOGICAL CRITERIA


Food Safety Parameters	MAXIMUM LIMITS
<i>Salmonella/Shigella</i>	Absent in 25 g.
Pathogenic <i>Escherichia coli</i>	Absent in 25 g.
<i>Vibrio Cholerae</i>	Absent in 25 g.
<i>Vibrio parahaemolyticus</i>	Absent in 25 g
<i>Listeria monocytogenes</i>	Absent in 25 g.
Sulfite reducing <i>Clostridia</i>	Absent in 25 g
Hygiene Parameters	MAXIMUM LIMITS
Total plate count (after a 14 days preincubation at 30°C	n=5, c=2, m= 0cfu/g,M=10cfu/g

5. CHEMICAL CRITERIA

SAFETY PARAMETER	LIMITS
Histamine	< 10 mg/100g
Total volatile basic nitrogen	< 300 mg/kg

6. PHYSICAL CRITERIA

PARAMETER	LIMITS
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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
Colour	Bright typical of specie
Foreign matter	Absence of any matter not derived from the fish.

7. NUTRITION FACTS (Approximate values per 100 grams)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	224 Kcal
Proteins	22.2 g
Carbohydrates	0 g
Fats	15 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	Up to 500g
Drained weight	>65% of product's net weight
Warranty at delivery location	4 months

9. LABELLING

- UNSTD-GEN-02 "UN Product labeling"

10. REFERENCES

- CODEX STAN 94-1981 Standard for Canned Sardines and Sardine Type Products
- 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"