



UN RATIONS STANDARD	DATE: 31/08/2018
BEEF BOLOGNA FROZEN	ED Nº: 03
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1. PRODUCT NAME

Beef Bologna

PRODUCT RISK		
LOW	MEDIUM	HIGH

2. DESCRIPTION



Meat product made of comminute edible beef meat and edible fat (**no pork ingredients are permitted**), cured and seasoned with spices, cased in synthetic tripe, cooked and smoked. Product must be frozen to at an internal temperature of $\leq -18^{\circ}\text{C}$ at all times during transportation and storage.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS (recipe product)

INGREDIENT	PERCENTAGE	
Beef meat	$\geq 80\%$	$\geq 80\%$
Edible fat		$\leq 20\%$
Carbohydrate binders (Flour or starch from grain or potato)	10-15%	
Protein binders (Milk powder, caseinate, egg protein or vegetal protein)		
Salt	$< 3\%$	
Sodium or potassium nitrite	$\leq 200 \text{ mg/kg total nitrite (expressed as sodium nitrite)}$	
Potable water, sugar and spices		

3.2. OTHER PERMITTED INGREDIENTS

INGREDIENT

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

4. MICROBIOLOGICAL CRITERIA

Food Safety Parameters	MAXIMUM LIMITS
<i>Salmonella spp</i>	Absent in 25 g.
<i>Listeria monocytogenes</i>	Absent in 25 g.
<i>E. coli</i> O157: H7	Absent in 25 g.
Hygiene Parameters	MAXIMUM LIMITS
Total coliforms	$n=5, c=2, m= 5 \times 10 \text{ cfu/g.}, M=5 \times 10^2 \text{ cfu/g.}$
<i>Staphylococcus aureus</i>	$n=5, c=1, m= 10^2 \text{ cfu/g.}, M=10^3 \text{ cfu/g.}$

5. CHEMICAL CRITERIA

QUALITY PARAMETER	LIMITS
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Protein $\geq 11\%$ **6. PHYSICAL CRITERIA**

PARAMETER	LIMITS
Texture	Firm.
Odour or flavour	Slightly spicy and salty
Colour	From pinkish to brown.
Foreign matter	Free from any foreign material (The product must be subject to metal particle detection)
Storage and Transportation	$\leq -18^{\circ}\text{C}$

7. NUTRITION FACTS (Approximate values per 100 g)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
Energy	204 Kcal
Proteins	11.8 g
Carbohydrates	5.2 g
Fats	14.8 g

8. PACKAGING

PARAMETER	LIMITS
Primary packaging	Each piece is cased in synthetic tripe, items should be vacuum packed in food grade polyethylene heat sealed or equivalent recyclable/biodegradable packing material that maintains product's organoleptic qualities and sanitary integrity. Able to withstand the rigors 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 delivery location	4 months

9. LABELLING

- UNSTD-GEN-02: "UN Product labelling"

10. OTHER REQUIREMENTS

- CODEX CAC/RCP 58-2005: "Code of Hygienic practices for meat"
- UNSTD-GEN-01: "Contaminant levels"
- UNSTD-GEN-03: "UN Inspection"



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- UNSTD-GEN-04: "UN Certification"