Doc. Launch: 08.12.2015 Revision: 00 Issued By: Murilo Sales (RDI Analyst)

Revised By: Rubem Anjos (RDI Manager)

1. PRODUCT DESCRIPTION

| Article data | |
|--------------------------|--------------------------------------|
| Article | Jack Link's Beef Jerky 25g |
| Flavour | Teriyaki |
| Size | 25g Caddy |
| Article number | 1388 |
| Veterinary control no. | 1690 |
| EAN code bag | 04251097402970 |
| EAN code case | 04251097402994 |
| | No. of outer case: 1 |
| Contents outer packaging | No. of caddies:1 |
| Contents outer packaging | No. of bags: 12 |
| | Gross weight: 0,50 Kg |
| | Bag: 17,8cm x 12,7cm |
| Dimensions packaging | Caddy: 16,5cm x 12,6cm x 17,5cm |
| | Outer Case: 17,6cm x 13,8cm x 19,1cm |

| Product description general | | | | |
|----------------------------------|--|------------------------------------|--|--|
| Order lead time in days | Cı | Customer-specific Days | | |
| | Max.: 8°C | 18 months from the production date | | |
| | Max.: 7°C | 18 months from the production date | | |
| Storage temperature unopened | Max.: 4°C | 18 months from the production date | | |
| | Min.: -18°C | 18 months from the production date | | |
| | Room temperature | 18 months from the production date | | |
| | Max.: 8°C | Consume in 3 days | | |
| | Max.: 7°C | Consume in 3 days | | |
| Time remaining after opening at: | Max.: 4°C | Consume in 3 days | | |
| | Min.: -18°C | Consume in 3 days | | |
| | Room temperature | Consume in 3 days | | |
| No. of pieces in packaging | Varied | | | |
| Drained weight in grams | - | | | |
| Size of the pieces | 25,4mm x 38,1mm or less | | | |
| Fines % | Max. 5% of the total weight ≤ 12,5 mm x 12,5mm | | | |

| Product quality | | |
|---|---|--|
| Product group | Jerky | |
| Is this pressed meat in acc. w. guiding principle 2.19? | No | |
| Guiding principle no. | 2.40 | |
| In what form are BBD / batch stated? | DD.MM.YYYY | |
| | No Added MSG | |
| Claims (e.g. no added sugar, no added preservatives) | No Artificial Colourings | |
| | High in Sugar | |
| Country of origin of raw materials | Brazil | |
| Warning notes | Absorber bag: "The small white absorber bag in the packaging is | |
| vvairing notes | not suitable for consumption!" | |

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2. SPECIFIC INGREDIENTS

| Ingredient list in acc. w. LMIV [EU regulation on the provision of food information to consumers] In descending order of the weight portion upon production, incl. additives subject to labelling requirements for pre-package | | |
|--|--|---------------------------------|
| Ser.No.: Ingredients / additives subject to labelling requirements Portion in % per 100 h | | Portion in % per 100 Kg of beef |
| 1 | Sugar | 13,46% - 15,26% |
| 2 | Salt | 1,80% - 3,59% |
| 3 | Soy Sauce [(Wheat, Soybeans, Salt), Maltodextrin] | 0,90% - 1,80% |
| 4 | Yeast extract | 0,36% - 0,54% |
| 5 | Spices (Garlic Powder, Onion Powder) | 0,20% - 0,54% |
| 6 | Flavouring (Black Pepper Oleoresin, Chili oleoresin) | 0,018% - 0,18% |
| 7 | Antioxidant: extract of rosemary | 0,018% - 0,18% |
| 8 | Nitrite curing salt (salt, preserving agent: sodium nitrite) | ≤ 0,0156% |
| 9 | Acidity regulator: citric acid | 0,00018% - 0,0018% |
| 10 | Smoke flavouring | 0,2% - 0,48% |

| | Flavourings | |
|----------|--|---------------------------|
| Ser.No.: | Flavouring class (e.g. flavour extracts, smoke flavourings, reaction flavours, natural flavourings, flavourings) | Name |
| 1 | Smoke flavouring | Supreme H - Hickory Smoke |
| 2 | Natural Flavouring | Black Pepper Oleoresin |
| 3 | Natural Flavouring | Chilli Oleoresin |

| | Allergens | |
|----------|--|--------------|
| Ser.No.: | Allergenic food ingredient | Contained in |
| 1 | Cereals containing gluten and products thereof | Yes |
| 2 | Crustaceans and products thereof | No |
| 3 | Eggs and products thereof | No |
| 4 | Fish and products thereof | No |
| 5 | Peanuts and products thereof | No |
| 6 | Soybeans and products thereof | Yes |
| 7 | Milk and products thereof | No |
| 8 | Nuts and products thereof | No |
| 9 | Celery and products thereof | No |
| 10 | Mustard and products thereof | No |
| 11 | Sesame seeds and products thereof | No |
| 12 | Sulphite dioxide and sulphites >10 mg/l or mg/kg in terms of total SO2 | No |
| 13 | Lupin and products thereof | No |
| 14 | Molluscs and products thereof | No |

| Allergenic poter | ntial |
|---|--------------------|
| Can the production process cause the above-mentioned foodstuffs to get into the product inadvertently? If yes, which ingredients can get into the product inadvertently? | |
| Allergenic food ingredient | Possibly contained |
| Cereals containing gluten and products thereof | Yes |
| Crustaceans and products thereof | No |
| Eggs and products thereof | No |
| Fish and products thereof | No |
| Peanuts and products thereof | No |
| Soybeans and products thereof | Yes |
| Milk and products thereof | No |
| Nuts and products thereof | No |
| Celery and products thereof | No |
| Mustard and products thereof | No |
| Sesame seeds and products thereof | No |
| Sulphite dioxide and sulphites >10 mg/l or mg/kg in terms of total SO2 | No |
| Lupin and products thereof | No |
| Molluscs and products thereof | No |

| ì | Vο | tes | reo | ardin | a alle | raen | ic n | ote | ntial |
|---|----|-----|-----|-------|--------|------|------|-----|-------|
| | | | | | | | | | |



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Other ingredients not subject to labelling requirements with allergenic potential

-

| Product properties Are the following ingredients used? | |
|---|-----|
| lodized salt | No |
| Palm oil | No |
| Eggs | No |
| Eggs coming from hens kept in cage production | No |
| Cheese | No |
| Cheese meets the requirements of the German Cheese Regulation and the EU Regulation "on the protection of designations used in the marketing of milk and milk products" | No |
| Genetically modified organisms (GMO) -> If yes, please specify below. | No |
| Azo dyes | No |
| Ingredients made of nanomaterials -> If yes, which? | No |
| Addition of proteins, incl. hydrolysed proteins, of different animal origins | No |
| Addition of water (>5% of the weight of the end product) | No |
| Can article be declared as "lactose-free"? | No |
| Lactose content | No |
| Can article be declared as "gluten-free"? | No |
| Gluten content | Yes |

Exposure to radiation Have any ingredients used or the end product been exposed to radiation? If yes, which: No

| Genetic | c engineering (GMO) |
|--|---------------------|
| Is the article subject to labelling requirements under EU Regulation 1829/2003 and/or EU Regulation 1830/2003? If yes, which raw materials are contained: | |
| Cotton | No |
| Potatoes | No |
| Linseed | No |
| Maize | No |
| Papaya | No |
| Rapeseed | No |
| Rice | No |
| Soy | No |
| Tomatoes | No |
| Zucchinis | No |
| Sugar beets | No |
| Other | No |

| Genetic engineering (GMO) | | | | |
|--|--|--|--|--|
| Is the article subject to labelling requirements under EU-VO 1829/2003 and/or EU-VO 1830/2003? | | | | |
| If no, how is evidence provided that la | belling is not required: | | | |
| Written confirmation by raw materials supplier | - | | | |
| Written confirmation by manufacturer | Yes, as specified | | | |
| Written confirmation by supplier | Yes, written in the specification, audit in plant. | | | |
| Independent laboratory test available | Yes | | | |

| Genetic engineering (GMO) | | |
|--|---|--|
| Is cross-contamination possible? | | |
| If yes, what kind of: | | |
| Other / comments regarding the GMO proofs: | - | |

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3. SPECIFIC NUTRIONAL VALUES

| Nutritional information | | | |
|--|--------------------------------|--------------------------|-------|
| Nutritional value | Per serving information (25 g) | Per 100 g information | Units |
| Energy in kJ | 287 | 1147 | kJ |
| Energy in kcal | 68 | 271 | kcal |
| Protein | 10,0 | 40,1 | g |
| Carbohydrates | 4,8 | 19,3 | g |
| of which sugars | 4,1 | 16,3 | g |
| Fat | 0,9 | 3,7 | g |
| of which monounsaturates | - | - | - |
| of which polyunsaturates | - | - | - |
| of which saturates | 0,3 | 1,3 | g |
| Trans fatty acids | 0,04 | 0,15 | g |
| Fibre | - | - | - |
| Salt | 1,1 | 4,2 | g |
| Meat protein (MP) | 10,0 | 40,1 | g |
| Connective-tissue-protein-free meat protein (CTPFMP) | - | - | - |
| CTPFMP in MP | - | - | = |
| Water: MP | - | - | - |
| Hydroxiproline | - | - | - |
| Nitrate / nitrite | 156 | 156 | ppm |

| Chemical Information | | |
|---------------------------|--------------|--|
| Chemical Value | Value | |
| Aw (Water activity value) | ≤ 0,850 | |
| Moisture | 23% - 32,25% | |

| Additives | | | |
|-----------|---|-----------------------|------------------------------------|
| Yes / No | Additives subject to labelling requirements | Name / E-number | Portion in % per 100 Kg of Beef |
| Yes | Antioxidant | Extract of Rosemary | 0,018% - 0,18% |
| No | Leavening agent | | |
| No | Emulsifier | | |
| No | Colouring | | |
| No | Stabiliser | | |
| No | Humectant | | |
| No | Bulking agent | | |
| No | Gelling agent | | |
| No | Flavour enhancer | | |
| No | Chelating agent | | |
| Yes | Preservative | Sodium Nitrite / E250 | ≤ 0,0156% |
| No | Flour treatment agent | | |
| No | Modified starch | | |
| No | Tracer gas | | |
| No | Acidifier | | |
| Yes | Acidity regulator | Citric Acid / E330 | 0,00018% - 0,018% |
| No | Antifoaming agent | | |
| No | Emulsifying salt | | |
| No | Stabiliser | | |
| No | Sweetener | | |
| No | Carrier | | |
| No | Propellant | | |
| No | Anticaking agent | | |
| No | Glazing agent | | |
| No | Thickener | | |
| No | Foaming agent | | |

| Processing aid | | |
|---|------------------------|---------------------------------|
| Ser.No.: | Name | Portion in % per 100 Kg of Beef |
| 1 | Soybean Oil | < 0,36% |
| 2 | Silicon Dioxide / E551 | < 0,36% |
| Release Agent – Amarnakote CNF (Water, Mono and Diglycerides, Non-GMO Canola Oil, Polysorbate 60, Sunflower Lecithin, Acetic Acid, Sodium Benzoate, Citric Acid, Propyl Gallate) | | 0,043% - 0,104% |



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| Product analysis: microbiological values (if available) | | | |
|---|-----------------|---------------|---------------|
| Parameter | Results in CFUs | Guiding value | Limit value |
| Aerobic mesophilic total plate count | - | - | < 10000 CFU/g |
| Lactic acid bacteria | - | - | - |
| Enterobacteriaceae | - | - | - |
| Escherichia coli | - | - | Negative |
| Coagulase-positive staphylococci | - | - | Negative |
| Presumptive Bacillus cereus | - | - | - |
| Sulphite-reducing clostridia | - | - | = |
| Yeasts | - | - | < 100 CFU/g |
| Mould fungi | - | - | < 100 CFU/g |
| Listeria monocytogenes | - | - | Negative |
| Salmonellae | - | - | Negative |
| Coliforms | - | - | < 10 CFU/g |

| Vitamin | | | |
|-----------|----------------------|---|----------------|
| Contained | Vitamin trivial name | Vitamin chemical name | Value |
| Yes | Vitamin A | Retinol | <80 IU / 100g |
| No | Vitamin B1 | Thiamine | - |
| No | Vitamin B2 | Riboflavin | = |
| No | Vitamin B3 | Niacin | = |
| No | Vitamin B5 | Pantothenic Acid | = |
| No | Vitamin B6 | Pyridoxine | = |
| No | Vitamin B7 | Biotin | = |
| No | Vitamin B9 | Folic Acid | - |
| No | Vitamin B12 | Cyanocobalamin, hydroxycobalamin, methylcobalamin | - |
| Yes | Vitamin C | Ascorbic acid | <2,0 mg / 100g |
| No | Vitamin D | Ergocalciferol, Cholecalciferol | - |
| No | Vitamin E | Tocopherols, Tocotrienols | - |
| No | Vitamin K | Phylloquinone, Menaguinones | - |

| Mineral Nutrient | | |
|------------------|----------------|--|
| Mineral nutrient | Value | |
| Calcium | 10,00mg / 100g | |
| Chloride | - | |
| Chromium | - | |
| Iron | 2,763mg/ 100g | |
| Fluoride | - | |
| Iodine | - | |
| Potassium | - | |
| Copper | - | |
| Magnesium | - | |
| Manganese | - | |
| Molybdenum | - | |
| Sodium | 1670mg / 100g | |
| Phosphor | <u>-</u> | |
| Selenium | - | |
| Zinc | - | |

| Certifications | | |
|---|------------------------|--|
| BIO | - | |
| IFS | - | |
| BRC | Yes, BRC AA+ Certified | |
| ISO 22000 | - | |
| ISO 9000 et seq. | - | |
| Q+S | - | |
| Others (e.g. Halal) -> If so, please state. | Yes, Halal Certified | |
| SQF III | - | |