Industrial Standard HesbayeFrost s.a.



Rigatoni, cooked, IQF

| product code | RIGA80 (rigator | ni, cooked, iqf) | | | | | |
|--------------|-------------------|-------------------|-----------|----------|------------|---------|---|
| document | 05411361048207 | created | 7/06/2004 | revision | 21/01/2015 | version | 5 |
| variety | - | | cut | IQF | | quality | А |
| origin | transformation BE | | size | - | | | |

product description

Rigatone are small pasta tubes, ribbed on the outside. The product is produced as fresh, from semolina (*Triticum Durum*) and water, worked into a dough, extruded, cooked, cooled and frozen to below -18°C.

| physical standard RIGA80 20/01/2015 | | | | | |
|-------------------------------------|--------|-------|-----------|--------|--|
| parameter | unit | value | tolerance | reject | |
| on 1000 g (frozen product) | | | | | |
| foreign matter | pieces | 0 | 0 | | |
| Clumps > 3 pieces | gram | 50 | 75 | | |
| length < 35 mm and >45 mm | gram | 100 | 150 | | |
| diameter < 9 mm or >13 mm | gram | 100 | 150 | | |
| grit, broken pieces | gram | 50 | 75 | | |

| chemical standard | | | | RIGA80 20/01/ | 2015 |
|--------------------|------|-------|-----------|---|------|
| parameter | unit | value | tolerance | description | |
| Pesticide residues | ppm | | | product conforms to the European and Belgian maximum residue levels | |
| Heavy metals | ppm | | | product conforms to the European and Belgian maximum residue levels | |
| Mycotoxins | ppm | | | product conforms to the European and Belgian maximum residue levels | |
| Dry matter | % | 38 | +/- 2 | | |

| organoleptic qua | Ality Pâtes standar | d |
|------------------|---|---|
| parameter | description | |
| Taste | Charakteristic, pure flavour, no off flavours allowed. | |
| Odour | Characteristic, no off odours. | |
| Texture | Al dente, uniformly tender, yielding to the bite, not too firm, not too soft. | |
| Colour | A homogene pale yellow-white colour. | |

| micro standard | | | | DEF-Bact pâtes 16/07/2012 |
|------------------------|---------|---------|---------|---------------------------|
| parameter | unit | Target | Maximum | micro method |
| total viabel count | gram | 50.000 | 500.000 | |
| enterobacteriaceae | gram | 100 | 1.000 | |
| E-coli | gram | 10 | 10 | |
| Bacillus cereus | gram | 10 | 100 | |
| Listeria monocytogenes | gram | 10 | 100 | |
| Salmonella | 25 gram | Absence | Absence | |

| allergens | | Alb | a short - pâtes |
|---|---------|----------------------------------|-----------------|
| major allergens | * 1 2 3 | major allergens | * 1 2 3 |
| cereals containing gluten and products thereof ** | * 🖌 🗌 🗌 | crustaceans and products thereof | |
| eggs and products thereof | | fish and products thereof | |
| peanuts and products thereof | | soybeans and products thereof | |
| milk and products thereof (including lactose) | | nuts and products thereof | |

| product code | RIGA80 | (rigatoni, | cooked, iqf) | | | | | |
|--------------|------------|------------|---------------|-----------|----------|------------|---------|---|
| document | 0541136104 | B207 | created | 7/06/2004 | revision | 21/01/2015 | version | 5 |

| allergens | Alba short - pâte | 5 |
|-----------------------------------|--|---|
| celery and products thereof | mustard and products thereof. | |
| sesame seeds and products thereof | sulphur dioxide and sulphites > 10ppm as SO2 | |
| lupin and products thereof | molluscs and products thereof | |

* 1 = intentional presence 2 = not included but allergen is present in factory. Cross contamination is avoided through use of specific procedures 3 = not included and not present in factory

****** additional comments

cereals containing gluten and products thereof

durum wheatflour

statements

non genetically modified Food Products & Ingredients

To the best of our knowledge and at the time of sale, we declare that our products have not been Genetically Modified or were produced with the help of GM technology or contained genetically modified organisms. No biotechnology or processing agents produced by means of gen-technology have been used during processing. Our products comply with the European non-GM regulation 1829/2003, 1830/2003 and all modifications thereafter.

pesticides

We hereby declare that all our products are conform to relevant pesticide legislation currently in force in the EU. Pesticides used are in correspondance with the approval status on national and European level and no residues are present in our frozen products above the legal maximum residue levels enforced by the EU at the moment of processing.

Pesticide residues are analysed in an external ISO 17025 accredited laboratory. The lab participates in FAPAS proficiency tests and the (good) results are conditional to our contract.

heavy metals

All our products are conform the EU legislation concerning heavy metals and they do not exceed the maximum levels that were applicable at the time of processing.

irradiation

None of our frozen vegetables or other frozen products have been subjected to ionized radiation at any stage of production. Our products therefore do not need to be labeled under the directives 1999/2/EC and 1999/3/EC concerning foods and food ingredients treated with ionising radiation.

nano technology

Our products do not contain and were not produced with the help of nano-technology.

packaging material

We hereby declare that all packaging for our frozen bulk products are conform to relevant legislation currently in force in the EU: 1935/2004; 2008/39/EC; 2007/19/EC; 2023/2006; 82/711/EC; 93/8/EC; 97/48/EC; 85/572/EC; 2002/72/EC and amendments up to and including 2009/975/EC; 10/2011; all relevant Belgian decrees related to materials and objects intended for contact with foodstuff; and all future amendments to these regulations, directives and decrees.

We confirm that the packaging materials or sources are contaminated with plasticizers such as : BPA : Bisphenol A; DBP : di-n-butyl phthalate; DEHP : di-2-ethylhexyl phthalate; DINP : diisononyl phthalate; DOP : di-n-octyl phthalate; DEP : diethyl phthalate.

warning - precautions

Do not re-freeze a thawed product.

shelf life - storage instructions

The product has a shelf life of 24 months from date of production (mentioned on the label) when stored in the original packaging at temperatures of -18°C or below. After opening, the shelf life of any residual product remains unchanged providing that the original packaging is tightly closed again without any excess enclosed air and the product remained at -18°C or below during this time.

cooking instructions pasta

RIGA80 13/12/2005

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| statements | RIGA80 13/12/2005 |
|----------------------------|-------------------|
| cooking instructions pasta | |

Cooking instructions from Frozen:

Warm preparation

Microwave:

- Add 200g of pasta to a microwavable container. Add 2 tbsp. of water (30ml). Cover and vent. Heat on full power for 5 minutes (700W), 4 ½ minutes (800W), 4 minutes (900W) or until piping hot (time and temperature of appliances may vary). Stir halfway through cooking time. Drain and serve.
- Conventional:
 - Add 200g of pasta to a saucepan. Cover with boiling water. Return to the boil and drain or simmer covered for 1-3 minutes for less Al Dente. Drain and serve.

Cold preparation

Under cold water tap:

Poor the required amount of frozen pasta in a strainer and hold underneath the running cold water tap while gently shaking for a few minutes. Drain and serve.

Microwave:

Add the required amount of pasta to a microwavable container. Defrost the pasta in the microwave position "defrosting" for 7 minutes (225g) or 11 minutes (450g) or according instructions in your microwave manual. Serve after defrosting.

| product formulation pâtes 38% MS | | | |
|----------------------------------|----------|------------------------|--|
| component-ingredient | % weight | additional comments | |
| water | 56,5 % | | |
| durum wheat flour | 43,5 % | origin France (Canada) | |

nutritional data

data A

Calculated from : Pasta, plain, fresh, cooked (McCance & Widdowsons 6)

data B

| proximates | | | | | |
|------------------------------------|--------|--------|--------|--------------------------------|--------------|
| parameter | data A | data B | unit | source | method |
| water | 62 | | g | recipe | |
| energy Kcal | 169 | | kcal | calculated according 1169/2011 | |
| energy Kj | 714 | | kjoule | calculated according 1169/2011 | |
| total lipid (fat) | 1,48 | | g | calculated | |
| fatty acids, total saturated | 0,28 | | g | calculated | |
| fatty acids, total monounsaturated | 0,3 | | g | calculated | |
| fatty acids, total polyunsaturated | 0,36 | | g | calculated | |
| carbohydrates available | 31,39 | | g | calculated | |
| sugars, total | 0,59 | | g | calculated | |
| starch | 30,3 | | g | calculated | |
| fiber, total dietary | 1,88 | | g | calculated | méthode AOAC |
| Protein | 6,51 | | g | calculated | |
| added salt | 0 | | mg | recipe | |
| salt total (calculated from Na) | 40,14 | | mg | calculated from Na | |

document validation

for HesbayeFrost

Theo Baens

21/01/2015

assistant Quality Assurance Manager

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signature

date

pâtes 38% MS 15/01/2015

