| a | Product specification Cream cheese ring with pineapple 125g Castello | * Change * Change Request created Active |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| rla Foods / Basics | | |
| Revised: 04/06/2018 | Proc | duct specification no: THO2-00081 Version: 2 |
| Dairy Authorization number Name Address Zip code City Country | THO2 M277 Korsvej Mejeri Højrupvej 116 7000 Fredericia Denmark | |
| Type of specification | • Finished product \bigcirc Semi-product | |
| Product | Cream cheese ring with pineapple 125g | Castello |
| Legal product designation | UK : 65+ Cream cheese with flavour | |
| | DK: 65+ Flødeost med SE: 65+ S smagstilsætning | Smaksatt färskost |
| Description of product | Cream cheese with pineapple | |
| Used primarily for | For special moments eg. on bread, crackers ect. as cooking. The product specified in this document meets the recountry where the product is produced. If the product is produced. | quirements in the legislation of the |
| Global Product Management Valid as of | also meets EU legislation. Githa Qvist Hald 04/12/2012 | |
| rla Foods / Sensory properties | | |
| | | |

| | Norm | Rejection |
|-------------|----------------------------------------------------------------------------------|------------------------------------------------------|
| Smell | A characteristic smell of almonds and papaya | Atypical |
| Taste | A fresh, sweetish taste of pineapple and papaya with a distinct taste of almonds | Atypical |
| Consistency | Creamy and spreadable | Firm, soft |
| Colour | Cream coloured to pale yellow | Atypical |
| Texture | Dense with an even distribution of pineapple pieces in the cheese | No pieces of pineapple, open |
| Appearance | Covered with an even layer of almond and papaya pieces. | Uneven distribution of almond and papaya pieces, wry |
| | | |
| | | |
| | | |

Product specificationsno: THO2-00081

Arla Foods / Weight, product age & shelf life

Weight

| Weight | Norm | Tolerance | Rejection |
|---------------------------|-----------|-----------------------------|---------------|
| e-Weight Yes | 125g | > 119,4g | < 113,8g |
| - | - | 113,8g < max. 2,5% < 119,4g | 2,5% < 119,4g |
| - | - | Y >= 125g | Y < 125g |
| Dimensions (HxBxL or HxØ) | 40x108 mm | | |
| | | | |

y = Average weight for the lot

| Product age for internal control | |
|-------------------------------------|--|
| Shelf life for external information | |
| Comments: | |

Product specificationsno: THO2-00081

Arla Foods / Chemical properties

| | Norm | Tole | eranc | e | Law demand * | Reference method of analysis | Frequency | |
|-----------------------------------------|------|-------------|-------|-------------|--------------|------------------------------------|-------------|--|
| | | Lower limit | - | Upper limit | | _ | | |
| Fat % | 24.0 | 20.4 | - | 27.6 | 🛛 Yes 🗌 No | ISO 1735 / IDF 5 | 1 per batch | |
| Total solids % | 45.0 | 40.0 | - | 50.0 | 🗌 Yes 🖾 No | ISO 5534 / IDF 4 | 1 per batch | |
| Moisture % | 55.0 | 50.0 | - | 60.0 | 🗌 Yes 🖾 No | Calculated | 1 per batch | |
| Fat in dry matter % | 71.0 | 65.0 | - | 75.0 | Yes 🗌 No | Calculated | 1 per batch | |
| Fatfree drymatter % | | | - | | 🗌 Yes 🗌 No | | | |
| Moisture on a fat-free basis % | 82.0 | 75.0 | - | 88.0 | 🛛 Yes 🗌 No | Calculated | 1 per batch | |
| Salt % | 0.67 | 0.47 | - | 0.87 | 🗌 Yes 🛛 No | ISO 5943 / IDF 88 | 1 per batch | |
| рН | 4.6 | 4.3 | - | 4.9 | 🗌 Yes 🖾 No | Potentiomet ric method | 1 per batch | |
| | | | - | | 🗌 Yes 🖾 No | | | |
| | | | - | | 🗌 Yes 🛛 No | | | |
| | | | - | | 🗌 Yes 🖾 No | | | |
| | | | - | | 🗌 Yes 🛛 No | | | |
| | | | - | | Yes 🛛 No | | | |
| | | | - | | 🗌 Yes 🛛 No | | | |

* Law demand completed according to legislation in producing country. If the producing country is an EU member it is also completed according to EU legislation. Otherwise, relevant legislation is stated in "Comments".

Comments:

Fat%, Total solids%, Moisture%, Salt% and pH is based on the cheese without decoration. Fat in drymatter% and Moisture on af fat-free basis% is based on the milk part of the cheese

Arla Foods / Microbiological properties - 40

| | Norm | Tolerance | Law demand * | Reference method of analysis | Frequency |
|---------------------------|-----------|-----------------|--------------|---------------------------------|--------------------------------------------------|
| Coliforms | < 10 /g | ≤ 1000 /g | 🗌 Yes 🖾 No | ISO 4832 | 1 per week |
| E. coli | < 10 /g | ≤ 100 /g | 🛛 Yes 🗌 No | ISO 16649 | Only if coli is found |
| Staph. aureus | < 10 /g | ≤ 10 /g | 🛛 Yes 🗌 No | ISO 6888 | Random sampling - 5 samples once per month |
| Listeria monocytogenes | 0/25 g | 0/25 g | 🛛 Yes 🗌 No | ISO 11290 | Random sampling - 5 samples once per month |
| Total Viable Count | < 1000 /g | \leq 30000 /g | ☐ Yes ⊠ No | ISO 4833 | Random sampling - all batches |
| Yeast and mould | < 100 /g | \leq 500 /g | 🗌 Yes 🖄 No | ISO 6611/ IDF 94 | Random sampling - all batches |
| | | | 🗌 Yes 🗌 No | | |

* Law demand completed according to legislation in producing country. If the producing country is an EU member it is also completed according to EU legislation.

Product specificationsno: THO2-00081

Arla Foods / Information on content and composition

| List of ingred | | | | | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------|--------------------------------------------------------------------------------------------------------|------------|
| Main ingredient | Ingredient | Category | E-number | Country of manufacture (Note: Milk derived ingredients have listed country of origin instead) | % of total |
| Cheese | Milk | | | EU | 49,5 |
| Cheese | Cream | | | EU | 17,6 |
| Decoration | Almond/papaya mix (50% almond/50% candied papaya (papaya 75%/cane sugar 17.5%/rice flour 7.4%/acidity regulator (citric acid))) | | | Germany | 15,1 |
| Cheese | Pineapple | | | Indonesia/Thailand | 7,5 |
| Cheese | Pineapple concentrate | | | Indonesia/Thailand | 4,6 |
| Cheese | Sugar | | | Germany | 2,5 |
| Cheese | Milk protein | | | Denmark | 1,2 |
| Cheese | Gelatine | | | Belgium | 0,9 |
| Cheese | Salt | | | Denmark | 0,5 |
| Cheese | Locust bean gum | Stabilizer | E410 | Denmark | 0,3 |
| Cheese | Citrus fibre | | | Germany | 0,2 |
| Cheese | Sorbic acid | Preservative | E200 | Denmark | 0,1 |
| Cheese | Lactic acid culture | | | Denmark/France/USA | Trace |
| | | | | | |
| Protective atmosphere | N2/CO2 | Protective atmosphere | E941/E29 0 | Denmark | trace |
| | | | | | |
| | | | | | 100,00 |

Declaration:

Product specificationsno: THO2-00081

Arla Foods / Nutrition labelling

The nutrition information according to EU regulation with the minimum required nutrients. Rounding of values is done according to the European Commission guidance. Values of '<0.1 g' or '<0.5 g' (or for salt '<0.01 g') may be written as '0 g'.

| Nutrition declaration (per 100 g) | | | | |
|-----------------------------------|--------------------|--|--|--|
| Energy | 1331 ^{kJ} | | | |
| | 320 kcal | | | |
| Fat | 24 g | | | |
| of which saturates | 13 g | | | |
| Carbohydrate | 15 9 | | | |
| of which sugars | 13 g | | | |
| Protein | 8,7 g | | | |
| Salt | 0,58 9 | | | |

Product specificationsno: THO2-00081

| Content per 100 g | Co | ntent | Energy | Energy in % |
|------------------------------------------------|-------|-------|-------------------------|-------------|
| Tatal En anna la Maral | | | 4000.01-1 | |
| Total Energy kJ/kcal | | | 1330.6 kJ 320.4 kcal | 100.0% |
| Protein (g) | 8.7 | | 147.9 kJ | 11.1% |
| Carbohydrates total (g) | 15.3 | | 260.1 kJ | 19.5% |
| of which sugars (g) | 10.0 | 13.1 | 200.1 KG | |
| of which lactose | | 2.35 | | |
| (g) | | 2.00 | | |
| of which galactose (g) | | 0.00 | | |
| of which sucrose (g) | | 6.4 | | |
| of which sugar alcohols (g) if added | | 0.0 | 0.0 kJ | 0.0% |
| Added sugar (g) | | | | |
| Organic acids (g) | 0.6 | | 7.8 kJ | 0.6% |
| Fat, total (g) | 24.4 | | 902.8 kJ | 67.8% |
| of which saturated fatty acids (g) | | 13.3 | | |
| of which monounsaturated fatty acids (g) | | 7.4 | | |
| of which polyunsaturated fatty acids (g) | | 1.3 | | |
| of which trans fatty acids (g) | | 0.7 | | |
| Cholesterol (mg) | 57.0 | | | |
| Alcohol (g) | 0.0 | | 0.0 kJ | 0.0% |
| Dietary fibre (g) | 1.5 | | 12.0 kJ | 0.9% |
| Sodium (g) | 0.230 | | | |
| Vitamin A (RE) | 184 | | | |
| Calcium (mg) | 162 | | | |
| Vitamin C (mg) | 2 | | | |
| Vitamin D (µg) | | | | |
| Potassium (mg) | | | | |
| Iron (mg) | 0.3 | | | |
| Ash (g) | 2.3 | | | |
| Water (g) | 47.2 | | | |
| Total (g) | 100.0 | | | |
| Bread units (BU) | 1,28 | | | |

Comments:

The calculation is based on the whole cheese inclusive the decoration material

Product specificationsno: THO2-00081

Arla Foods / Product Information

| Has the following been added through an ingredient) ? | to the product (directly or |
|---------------------------------------------------------|-----------------------------|
| Additives | 🛛 Yes 🗌 No |
| Colours (E100 - E180) | 🗌 Yes 🖾 No |
| Azo Colours (E102/E110/E122/E124/E1 29) or E104 | 🗌 Yes 🖾 No |
| Artificial colours | 🗌 Yes 🖾 No |
| Preservatives (E200 - E297) | 🛛 Yes 🗌 No |
| Benzoates (E210 - E213) | 🗌 Yes 🖾 No |
| BHA (E320) / BHT (E321) | 🗌 Yes 🖾 No |
| Sweeteners | 🗌 Yes 🖾 No |
| Aspartame (E951)/Aspartam-acesulfa me salt (E962) | 🗌 Yes 🖾 No |
| Glutamate (E621 - E625) | 🗌 Yes 🖾 No |
| Flavourings | 🗌 Yes 🖾 No |
| Non-natural flavourings | 🗌 Yes 🖾 No |
| Yeast (added) | 🗌 Yes 🖾 No |
| Maize and maize derivatives | Yes 🛛 No |

| Nuts | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Have nuts/sesame seeds been added ? | Yes 🗌 No |
| Do nuts and/or sesame seeds go down the same line ? | Yes 🗌 No |
| Are there nuts/sesame seeds in the same plant ? | Yes 🗌 No |
| If yes in any of the above, further define as follows State type of nut and/or sesame seed State whether nut, seed or oil State whether ingredient or processing aid Indicate whether nut/seed contamination is possible | Hazelnuts and cashewnuts are handled in the same plant No risk of contamination |

Does the product contain any of the following allergenes ? Cereals containing gluten and 🗌 Yes 🖂 No products thereof. If yes, specify: Yes 🛛 No Wheat 🗌 Yes 🖂 No Rye Yes 🛛 No Barley Oats Yes 🛛 No Yes 🛛 No Spelt Kamut 🗌 Yes 🖾 No Crustaceans and products 🗌 Yes 🖂 No thereof Eggs and products thereof 🗌 Yes 🖂 No Fish and products thereof 🗌 Yes 🖂 No Peanuts and products thereof 🗌 Yes 🖂 No Soybeans and products 🗌 Yes 🖂 No thereof Milk and products thereof 🛛 Yes 🗌 No (including lactose) Nuts and products thereof. If 🛛 Yes 🗌 No yes, specify: Almond imes Yes \Box No 🗌 Yes 🖾 No Hazelnut 🗌 Yes 🖂 No Walnut Cashew Pecan nut Yes 🛛 No Yes 🛛 No Brazil nut Pistachio nut 🗌 Yes 🖂 No 🗌 Yes 🖂 No Queensland/Macadamia nut Celery and products thereof 🗌 Yes 🖂 No Mustard and products thereof 🗌 Yes 🖂 No Sesame seeds and products Yes 🖂 No thereof Sulphur dioxide and sulphites Yes 🛛 No at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO2 which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers Lupin and products thereof Yes 🖂 No Molluscs and products thereof 🗌 Yes 🖂 No

| GMO | | Irradiation | |
|---------------------------------------------------------------------|------------------------------------|----------------------------------------|------------------------------------|
| Is the product non-GMO | 🛛 Yes 🗌 No | Have any ingredients been irradiated ? | n 🗌 Yes 🖾 No |
| If no, give details of genetic modification | | If yes, specify | |
| Is the product suitable for: | | Rennet | |
| Lacto Vegetarians | 🗌 Yes 🖾 No | Rennet | Microbial Not used Animal |
| Vegans | 🗌 Yes 🖾 No | | |
| Coeliacs (gluten free) | 🛛 Yes 🗌 No | Can be produced as: | |
| | | Kosher | Yes Not investigate |
| Lipase | | Super Kosher | Yes Not investigate |
| Lipase | Microbial Not used Animal | Halal | Yes Not investigate |
| | | | |