

LUUK PRODUCT SPECIFICATION			
Product Code	7103-215083	Product Name	White Grill Marked Large Panini
Date	09.05.2023	Version No.	V7.0
Changes Since last version		V6.0 Spec review	
		V7.0 Three-year review, packaging weights amended	

Manufacturer Information			
Manufacturer Name	Lantmannen Unibake UK Ltd		
Manufacturer Address	Maidstone Road Kingston Milton Keynes MK10 0BD		
Phone	01908 281999	Email	unibakeuk.technicalservices@lantmannen.com

Product Information			
Product Description	A pre sliced white panini baguette approx. 270mm in length supplied frozen with Grill Marks applied to the top surface.		
Country of Origin	United Kingdom		
Preparation instructions	<p>To defrost: Remove the required number of products from the box and lie flat. Defrost for approx. 1 hour at room temperature.</p> <p>Baking Instructions: Warm oven to 200°C. Fill pre-sliced Panini with required ingredients. Carefully place in pre-heated oven & warm for 4-5 minutes to give a slightly crusty top or until filling is hot. Baking guidelines will vary according to the equipment used.</p>		
Storage instructions	<p>Can be stored until the best before date of stored at -18°C or below. DO NOT REFREEZE ONCE THAWED.</p> <p>Once the panini have been filled and grilled, we recommend that they are consumed immediately.</p>		
Shelf life from manufacture	12 months	Shelf life once defrosted	N/A
Shelf life minimum at delivery	3 months	Storage Temperature	<-18°C

Ingredient Information			
Raw Material	Compound Ingredients	Amount in product (%)	Country of origin
Wheat Flour (with Iron, Thiamin, Niacin, Calcium)		71.82	France, UK
	<i>Wheat Flour</i>	<i>99.638%</i>	France, UK
	<i>Calcium Carbonate E170</i>	<i>0.34%</i>	UK
	<i>Iron</i>	<i>Trace</i>	USA, Sweden
	<i>Niacin</i>	<i>Trace</i>	China, India, USA
	<i>Thiamin</i>	<i>Trace</i>	China
Improver		0.23	UK

Ingredient Information			
Raw Material	Compound Ingredients	Amount in product (%)	Country of origin
	<i>Wheat Flour (with Iron, Thiamin, Niacin, Calcium)</i>	0.21	UK, China, India, Sweden, USA
	<i>Ascorbic Acid (E300)</i>	0.019	China
	<i>Enzyme (Processing Aid) DND</i>	0.001	Denmark, Finland, France, Germany, Liechtenstein, Netherlands, Sweden
Water		24.50	UK
Extra Virgin Olive Oil		1.08	Spain
Yeast		1.44	UK
Salt		0.93	UK

Ingredient Declaration	
Ingredient declaration	WHEAT Flour (with Calcium, Iron, Niacin, Thiamin), Water, Yeast, Extra Virgin Olive Oil, Salt, Flour Treatment Agent (E300).
Allergen Statement	For allergens, including cereals containing gluten, see ingredients in CAPITALS. May also contain traces of sesame seeds.

Product Suitability	
Criteria	Contains (Y/N)
Contains Artificial Colours	N
Contains Natural Flavourings	N
Contains Artificial Flavours	N
Contains Flavour Enhancers	N
Contains Artificial Preservatives	N
Contains Artificial Sweeteners	N
Contains Palm Oil (<i>If yes, describe status e.g. SG, MB</i>)	N
Suitable for Vegetarians	Y
Suitable for Vegans	Y
Suitable for Lactose Intolerants	Y
Suitable for Coeliac	N, contains wheat flour
Suitable for Kosher Diet	N
Suitable for Halal Diet	Y, certified
Organically Produced	N

Intolerance Data				
Allergen	Contains (Y/N)	Used on Line (Y/N)	Used on Site (Y/N)	Risk of cross-contamination?
Fish or Fish Products	N	N	N	N

Intolerance Data				
Allergen	Contains (Y/N)	Used on Line (Y/N)	Used on Site (Y/N)	Risk of cross-contamination?
Crustaceans	N	N	N	N
Shellfish	N	N	N	N
Molluscs	N	N	N	N
Milk or Milk Products	N	N	Y	No, used on site, controlled cross-contamination risk through production planning, cleaning schedules.
Tree Nuts or Nut Trace	N	N	N	N
<i>Almonds</i>	N	N	N	N
<i>Brazil Nut</i>	N	N	N	N
<i>Cashew Nut</i>	N	N	N	N
<i>Hazelnut</i>	N	N	N	N
<i>Macadamia</i>	N	N	N	N
<i>Pecan Nut</i>	N	N	N	N
<i>Pistachio</i>	N	N	N	N
<i>Walnut</i>	N	N	N	N
Peanuts or Peanut Trace	N	N	N	N
Sesame Seeds or Sesame Seed Products	N	Y	Y	Yes, possible cross-contamination
Celery or Celeriac Products	N	N	N	N
Mustard or Mustard Products	N	N	N	N
Egg or Egg Products	N	N	Y	No, used on site, controlled cross-contamination risk through production planning, cleaning schedules.
Lupin or Lupin Products	N	N	N	N
Garlic / Onion Products	N	N	N	N
Cereals that contain Gluten	Y	Y	Y	Contains Wheat Flour
<i>Wheat</i>	Y	Y	Y	Contains Wheat Flour
<i>Spelt</i>	N	N	N	N
<i>Kamut</i>	N	N	N	N
<i>Rye</i>	N	Y	Y	No, used on line and site, controlled cross-contamination risk through production planning, cleaning schedules.
<i>Barley</i>	N	Y	Y	No, used on line and site, controlled cross-contamination risk through production planning, cleaning schedules.
<i>Oats</i>	N	N	Y	No, used on site, controlled cross-contamination risk through production planning, cleaning schedules.
Soya	N	N	N	N

Intolerance Data				
Allergen	Contains (Y/N)	Used on Line (Y/N)	Used on Site (Y/N)	Risk of cross-contamination?
Sulphur Dioxide (>10mg/kg)	N	N	N	N
Sulphites	N	N	N	N
Alcohol or Alcohol based products	N	N	N	N
Maize or Maize derivatives	Y	Y	Y	E300 derived from maize
Added Trans Fats	N	N	N	N
GM Material	N	N	N	N
MSG	N	N	N	N
Irradiated Food	N	N	N	N

Product Quality Attributes		
Attributes – as sold	Target	Tolerance
Weight (g)	135	130-140
Diameter (mm)	270	260-280
Height (mm)	50	45-55
Slice Height (mm)	40	35-45
Organoleptic Standards – As sold	Target	Reject
Appearance (External)	A sliced white panini with Grill Marks applied to the top surface only.	Tapered shape and excessive top/side splits and no grill marks
Appearance (Internal)	Pale cream slightly open soft crumb	Cell structure too coarse, dense, claggy crumb or dry. Off colour, grey or yellow crumb colour.
Flavour	Rich flavour with notes of olive oil	Bland with no flavour coming through
Aroma	A yeasty aroma with a light hint of olive oil	No aroma at all
Texture	Open texture slightly chewy and disappears in the mouth	Very chewy and very close crumb

Packaging Information			
Pack size	30 panini per bag	Case Size	1 bag x 30 panini=30
Nett Weight (KG)	4.05	Gross Weight (KG)	4.333
Food Contact Packaging			
Bag Dimensions (mm)	(L) 780 x (W) 440	Material / Colour	Blue HDPE
Weight of Bag (g)	22.2	Plain or Printed?	Plain
Closure type	none	Barcode	n/a

Packaging Information						
Batch Code / Date Mark format	Best Before End: DD:MMM:YY LYYDDD HH:MM (LINE CODE) Meca 1 - M1 Meca 2 - M2 Meca 3 - M3 16MAR 21 L20076 08:36 M2 16 = day, MAR = months, 21 = year, L20 = Year, 076 = day of year, 08:36 = Time, M2 = line code.					
Outer Case						
External Case Dimensions (mm)	L) 431 x (W) 331 x (H) 207	Material / Colour	Brown cardboard			
Weight of Case (g)	259	Barcode	05037173101673			
Batch Code / Date Mark format	Best Before End: DD:MMM:YY LYYDDD HH:MM (LINE CODE) Meca 1 - M1 Meca 2 - M2 Meca 3 - M3 16MAR 21 L20076 08:36 M2 16 = day, MAR = months, 21 = year, L20 = Year, 076 = day of year, 08:36 = Time, M2 = line code.					
Pallet Configuration						
Chep (7103)	Boxes per layer	8	Layers per pallet	7	Boxes per Pallet	56
White (215083)	Boxes per layer	8	Layers per pallet	7	Boxes per Pallet	56
Euro	Boxes per layer	N/A	Layers per pallet	N/A	Boxes per Pallet	N/A
Pallet Height (m)	1.609					

Nutritional Information			
Method of calculation	Analysis	Product State (cooked, raw etc.)	Baked
		Per 100g	Per Portion (135g)
Energy (kJ)		1077	1454
Energy (kcal)		254	343
Total Fat (g)		2.3	3.1
Saturated fatty acids (g)		0.3	0.4
Monounsaturated fatty acids(g)		1.1	1.5
Polyunsaturated fatty acids (g)		0.7	0.9
Carbohydrate (g)		49.0	66.1
total sugars (g)		4.6	6.2

Nutritional Information		
Protein (g)	8.2	11.1
Fibre (g)	2.4	3.2
Sodium (mg)	308	416
Salt (g)	0.77	1.04
DoH 2017 Salt Target Category	2.1 Bread & Rolls	
Achieving 2017 Salt Targets (Y/N)	Yes	

Microbiological Standards			
Organism	Target Count	Reject Count	Frequency
Total Viable Count (cfu/g)	< 1000	> 1000	Annual
Escherichia. coli (cfu/g)	< 10	> 10	Annual
Staphylococcus aureus (cfu/g)	< 50	> 50	Annual
Enterobacteriaceae (cfu/g)	< 100	> 100	Annual
Yeasts & Mould (cfu/g)	< 1000	> 1000	Annual
Salmonella (/25g)	Not Detected	Detected	Annual
Laboratory Accreditation	UKAS		

Specification Authorisation	
Created by (Print Name):	Inesa Jegoroviene
Position:	Senior Specifications Technologist
Authorised by (Print Name):	Viktorija I
Position:	Technical Supplier & Specifications Coordinator
Date:	09.05.2023