

BURTS SNACKS FINISHED PRODUCT SPECIFICATION

QMS 336

PRODUCT		RIDGE CUT REAPER CHILLI & LIME					
Finished Product Code:	F04020BURCL2W FHC-SI03-BUR-CHI	Date of this issue:	09/08/24	Issue No:	2	Replaces issue:	1
						Date	01/06/23
						Author Initials:	TB
AMOUNT PER CASE & PACK WEIGHT		20 x 40g					
REASON FOR ISSUE		Addition of Sage FG Code					

OUR DETAILS		
Address: Burts Snacks Ltd., Belliver Way, Roborough, Devon, PL6 7BP	Tel:	0800 023 7404
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PRODUCT DESCRIPTION
RIDGE CUT POTATO CHIPS WITH CAROLINA REAPER CHILLI AND LIME FLAVOUR

INGREDIENTS		
INGREDIENT	COUNTRY OF ORIGIN	%
Potatoes	UK	61-63%
Rapeseed Oil	UK, EU, Australia, Romania, Ukraine, Uruguay	26-30%
Reaper Chilli & Lime Seasoning	UK	9-11%
Sugar	UK, Zambia, Mozambique, Mauritius	20 - 25%
Paprika	Spain, Peru, china	15 - 20%
Cayenne Pepper	India, Vietnam	5 - 10%
Rice Flour	Netherlands, Spain, Italy, France, Portugal, Greece, Argentina, Australia, Brazil, Bulgaria, Cambodia, Chile, Dominican Republic, Egypt, Guyana, India, Kazakhstan, Laos, Mauritius, Morocco, Myanmar, Pakistan, Paraguay, Romania, Russia, Sri Lanka, Suriname, Thailand, Turkey, Uruguay, Vietnam, USA	10 - 15%
Natural Flavourings	UK, USA, China, Canada, Germany, Mexico, Netherlands, India, France	15 - 20%
Salt	UK	1 - 5%
Onion Powder	India	1 - 5%
Acid (Citric Acid)	Belgium	1 - 5%
Garlic Powder	China	<2%
Parsley	UK	<2%
Colour (Paprika Extract)	China, UK, Belgium	<2%
Carolina Reaper Chilli Extract	UK	<2%
Lime Juice Powder	Peru, Spain, Netherlands, France, UK, Brazil	<2%

ON PACK INGREDIENT DECLARATION

INGREDIENTS: Potatoes, Rapeseed Oil, Sugar, Paprika, Cayenne Pepper, Rice Flour, Natural Flavourings, Salt, Onion Powder, Acid (Citric Acid), Garlic Powder, Parsley, Colour (Paprika Extract), Carolina Reaper Chilli Extract, Lime Juice Powder.

ADDITIVES

NAME	E NO	FUNCTION	FUNCTION IN FINAL PRODUCT	% in Final Product
Silicon Dioxide	E551	Anti-Caking Agent	NONE	<2%
SO2	E220	Processing Aid in the Sugar	NONE	<9ppm
Tri-calcium Phosphate	E341iii	Anti-Caking Agent in the sugar & Natural Flavourings	NONE	<1.5%
Sodium Ferrocyanide	E535	Anti-Caking Agent in the salt	NONE	<15ppm
Citric Acid	E330	Acid	Acid	<5%
Paprika Extract	E160c	Colour	Colour	<2%
Calcium Carbonate	E170	Anti-Caking Agent In the Natural Flavourings	NONE	<1%
Sodium Diacetate	E262ii	Buffer in the Natural Flavourings	NONE	<1%
DATEM	E472e	Emulsifier in the Natural Flavourings	NONE	<1%
Gum Arabic	E414	Thickening Agent In the Natural Flavourings & Lime Powder	NONE	<1%
Extract of Tocopherols	E306	Antioxidant in the Paprika Extract	NONE	<1%
Extracts of Rosemary	E392	Antioxidant in the Paprika Extract	NONE	<1%
Propylene Glycol	E1520	Solvent in the Natural Flavourings	NONE	<1%
Modified Starch	E1450	Thickening Agent in the Natural Flavourings	NONE	<1%

ALLERGEN INFORMATION

ALLERGEN	PRESENT IN THE RECIPE?		ALLERGEN HANDLED ON SITE?		IS THERE A RISK OF CONTAMINATION?		SOURCE
	Y	N	Y	N	Y	N	
Cereals containing gluten: Wheat, Rye, Barley, Oats, Spelt, Kamut or their hybridized strains and products thereof		N	Y			N	
Crustaceans and products thereof		N	Y			N	
Molluscs and products thereof		N		N		N	
Eggs ad products thereof		N		N		N	
Fish and products thereof		N		N		N	
Peanuts and products thereof		N		N		N	

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Milk and dairy products (including lactose)		N	Y			N	
Nuts: Almond, Hazelnut, Walnut, Cashew, Pecan Nut, Macadamia Nut, Queensland Nut, Brazil Nut, Pistachio Nut and products thereof		N		N		N	
Soybeans and products thereof		N	Y			N	
Sesame seeds and products thereof		N		N		N	
Celery and products thereof (including celeriac)		N		N		N	
Mustard and products thereof		N	Y			N	
Sulphur Dioxide and Sulphites at concentrations >10mg/kg or 10mg/litre expressed as SO2		N		N		N	
Lupin and products and thereof		N		N		N	

DIETARY INFORMATION	
IS THE PRODUCT:	YES / NO
Suitable for Vegetarians	YES
Suitable for Vegans	YES
Suitable for Halal	NO – not certified
Suitable for Kosher	NO – not certified

OTHER DIETARY INFORMATION	
DOES THE PRODUCT CONTAIN:	YES / NO – (if YES state source)
Irradiated Foodstuffs	NO
Monosodium Glutamate (MSG)	NO
Naturally Occurring MSG	NO
Genetically Modified Organisms	NO
Palm Oil	NO

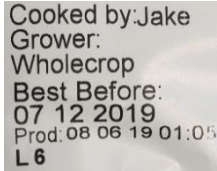
NUTRITIONAL INFORMATION	
TYPICAL VALUES	PER 100g
Energy	2192kJ 526kcal
Fat	33.8g
of which saturates	3.1g
Carbohydrate	49.6g
of which sugars	1.9g
Fibre	4.4g
Protein	5.8g
Salt	0.51g

MICRO - EOL					
TEST	TARGET	REPORT	UNITS	METHOD	FREQUENCY
TVC	<20000	>100000	cfu/g	ESGMM300 using PCA or MPCA based on BS EN ISO 4833- 1:2013+A1:2022	Monthly
Enteros	<10	>100	cfu/g	ESGMM303 based on BS ISO 21528-2:2017	Monthly

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Yeast	<40	>200	cfu/g	ESGMM308 based on BS ISO 21527-1:2008	Monthly
Mould	<80	>200	cfu/g	ESGMM308 based on BS ISO 21527-1:2008	Monthly

SHELF LIFE	
Shelf Life of product from Date of Production	26 Weeks – 182 days
Minimum Shelf Life remaining on Delivery	13 Weeks – 91 days
Storage Conditions	Ambient - Store in a cool, dry place away from direct sunlight.
Date Code Explained: Cooked by: Name of person frying the product. Grower: The name of the person who grew the potatoes. Best Before Date: DD/MM/YYYY Production Date & Time: DD/MM/YYYY HH:MM Line Number: L6	Example of Date Code: 

CHEMICAL STANDARDS			
Test	Frequency	Target	Tolerance
Salt	Every Production Run	As per on pack declaration	+/- 0.375g
Free Fatty Acids FFAs	Checked weekly onsite and product randomly sent to a UKAS accredited lab for testing monthly	<3%	Maximum 4%
Moisture	Product randomly sent to a UKAS accredited lab for testing monthly	<5%	Maximum 8%
Acrylamide	Product randomly sent to a UKAS accredited lab for testing Quarterly	< 750 µg/kg	Maximum 750 µg/kg

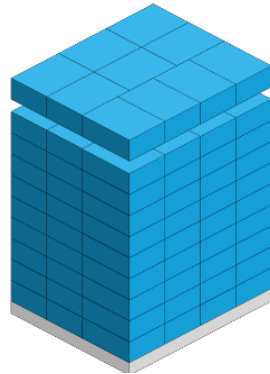
PRODUCT ATTRIBUTES		
Packaging	Green - Acceptable	Red - Reject
	<ol style="list-style-type: none"> 1. Correct horizontal & vertical alignment. 2. Correct number of packs in a box. 3. Correct date code and position. 4. No greasy marks on the outside of the pack. 5. No flaws in print film quality or colour 6. No seal leaks. 7. There may be a 1mm to 2mm white line at the bottom or top of the pack. This is due to the printing process and is unavoidable. 	<ol style="list-style-type: none"> 1. Major deviation in central alignment>1.5mm. Major deviation in vertical alignment>2mm. 2. Incorrect number of packs in a box. 3. Incorrect date code, incorrectly positioned. 4. An unacceptable number of greasy marks on the outside of the pack 5. Unacceptable deviation from agreed proofs of film. 6. Improperly sealed packs.
Appearance	Green - Acceptable	Red - Reject
	<ol style="list-style-type: none"> 1. The crisps should be a mid to pale yellow colour with an even coverage of orange seasoning with green flecks. 2. Some peel on the outer edge of the crisp may be present. 3. Broken or smaller crisps >25mm in size 4g or pieces <25mm in size Total 2g. 4. ≤4 defects in a 40g pack – examples of these which include burnt edges, oily, overcooked, doubles, ring rot, bubbles, etc. 	<ol style="list-style-type: none"> 1. Minor to major deviation from the mid to pale golden yellow colour. 2. Broken or smaller crisps <25mm in size - Total 4g in Weight > 5%. 3. >4 defects in a 40g pack – examples of these which include burnt edges, oily, overcooked, doubles, ring rot, green, potato clump, internal sprouting, wire worm hole, bubbles, etc.

Aroma	Green – Acceptable	Red - Reject
	Crisps should smell slightly of rapeseed oil with a citrus aroma.	Rancid or off aroma.
Texture	Green – Acceptable	Red - Reject
	The crisps should be crunchy with a small amount of oil/grease.	Very hard crunch. Soft. Excessively oily/greasy.
Flavour	Green – Acceptable	Red - Reject
	Citrus with a spicy heat that builds with back notes of potato and rapeseed oil.	Rancid flavour, no seasoning or too much seasoning, excessive oily/greasy taste.

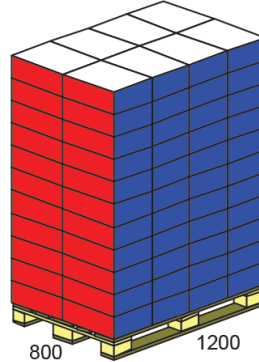
QUANTITATIVE STANDARDS						
Parameter	Minimum	Target	Maximum	Units	Method	Frequency
Weight	32.8	40	47.2	g	Checkweigher, manual checks	Constant record from checkweigher, manual checks done hourly
Metal Detection	No metal	No metal	No metal	N/A	3mm Stainless Steel, 2.5mm non-ferrous and 1.5mm ferrous.	Start of run, hourly and end of run checks completed.
Bag Seal Checks	No bubbles	No bubbles	No bubbles	bubbles	Push bag underwater, check for bubbles	Hourly
Residual Oxygen in bag	0	<5	5	% oxygen	Using calibrated Dansensor Checkpoint	Hourly
Organoleptic analysis	Within spec	Within spec	Within spec	spec	Taste testing using trained staff	Hourly
Labelling Check	Correct label	Correct label	Correct label	N/A	Check label against product & pack	Once per flavour run
End of life organoleptic	Within spec	Within spec	Within spec	N/A	Panel done via retained samples.	Monthly

PACKAGING	
PRIMARY PACKAGING – FOOD CONTACT	
Description	Pack
Material	Metallised Oriented Polypropylene Film
Sealing Method	Heat Sealed
Weight	2.5g
Dimensions	H220mm x W139mm x D30mm
Gas Flushed	Yes – Average: 95% Nitrogen and 5% Oxygen
Complies with current food contact packaging regulations	Yes
SECONDARY PACKAGING	
Description	Box
Material	Corrugated Cardboard
Weight	263g
Dimensions	L400mm x W300mm x H167mm
TERTIARY PACKAGING	
Description	Standard UK Pallet wrapped with Shrink Wrap
Material	Wooden Pallet – LDPE Shrink Wrap
Weight	Pallet – 28kg, Shrink Wrap – 170g
FULL PALLET CONFIGURATION	
Packs per Box	20
Boxes per Layer	Standard UK – 10, EURO - 8
Layers per Pallet	Standard UK – 10, EURO – 11
Total Boxes	Standard UK – 100, EURO - 88

Pallet Dimensions	Standard UK - L1200mm x W1000mm x D150mm EURO - L1200 x W800 x H150mm
Pallet Height	Standard UK - 1860mm EURO – 1987mm



Standard UK



EURO

BARCODES	
Pack Barcode (EAN)	5034709008369
Outer Case Barcode (OCC)	05034709008376

STATEMENTS
All laboratory testing carried out at Burts Snacks Ltd is from accredited laboratories. All products and packaging conform with current UK / EC Legislation. This product is safe and fit for the purpose intended.

FOR BURTS SNACKS LTD	
Signature	
Print Name	Tracey Bluett
Position	Specifications Technologist
Date	09/08/2024

FOR THE CUSTOMER	
Signature	
Print Name	
Position	
Date	

If Burts Snacks Ltd does not receive a signed copy of the specification within 14 days of the date of issue, then we will assume that this specification has been accepted by the customer.

EXAMPLE OF PACK ARTWORK AND CASE LABEL BELOW

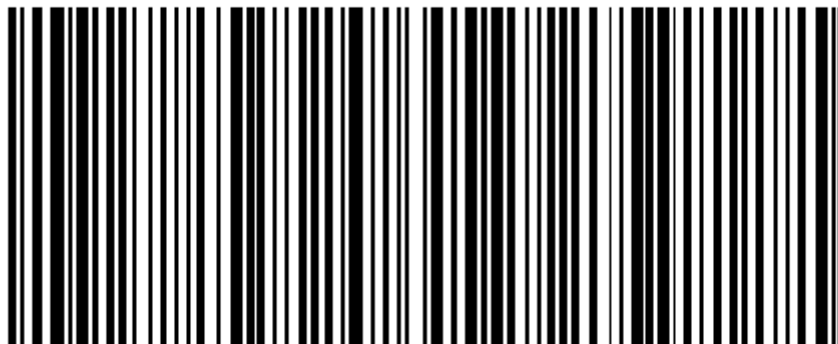
EXAMPLE OF PACK FILM 40g



EXAMPLE CASE LABEL FOR THE 40g

Burts Snacks Belliver Way, Roborough, Plymouth PL6 7BP
Ridges Reaper Chilli & Lime 20 x 40g
Manufactured: 01/06/23
Best Before: 30/11/23

12:58
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