

FINISHED PRODUCT SPECIFICATION

Product Title: Mr Crumb Ham & Mature Cheddar Cheese Toastie 146g	Rev No: 02 Page 1 of 12
R Code: n/a	Date of Issue: 08/06/2023
MRC: 16623	Approved by: N. Niespodzianska

1 SUPPLIER DETAILS

Name	QUALITY IRISH FOOD LTD T/A MR. CRUMB	
Supplier Address (Manufacturing Site)	FINEA, MULLINGAR, CO. WESTMEATH. IRELAND. N91 H0VH	
Technical Contact	Name	Technical Manager: Valerie Gearon
	Telephone	00353 43 6681148
	Email	Valerie.gearon@mrcrumb.ie
Production Contact	Name	Senior Production Manager: Michael Melly
	Telephone	00353 43 6681148
	Email	Michael.melly@mrcrumb.ie

2 PRODUCT INFORMATION

Product Description	Ham and melted mature cheddar, with bechamel and grated mozzarella, inside toasted white bread.
Unit Weight / Volume	12 x 146g
Average or Fixed	Average
Dimensions	N/A
Visual Appearance	Ham and melted mature cheddar, with bechamel and grated mozzarella, inside toasted white bread.
Aroma and Taste	Aroma: Freshly baked aroma Taste: Fresh Baked flavour with a typical mature cheddar cheese note. An under note of typical ham flavour with a slightly salty taste.
Texture	Toasty bread has a slight crisp outer exterior and soft texture inside. Soft bite from ham. Oozy texture from cheese; typical of melted cheddar cheese.

Reference no.	Title	Revision no	Revision date	Issued by	Authorised by
PCS 045	Mr Crumb Finish Product Specification	11	06/04/2022	Lisa Flanagan	Deirdre Meaney

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3a INGREDIENTS TABLE

INGREDIENT	SUB INGREDIENT	%	COUNTRY OF ORIGIN
Bread		47.95%	UK
	Fortified Wheat Flour	(61.9)	UK
	[Wheat Flour]	[61.72]	Canada, Germany
	[Calcium Carbonate]	[0.18]	UK
	[Iron]	[<0.1]	India
	[Niacin]	[<0.1]	Sweden, USA
	[Thiamin]	[<0.1]	China
	Water	(34.5)	Northern Ireland
	Yeast	(1.9)	Belgium
	Salt (E535)	(1.0)	UK
	Rapeseed Oil	(0.1)	Netherlands
	Improver	(0.6)	UK
	[Calcium Sulphate]	[<0.4]	UK
	[Wheat Flour]	[<0.4]	Denmark, UK
	[Calcium Carbonate]	[<0.1]	UK
	[Niacin]	[<0.1]	India, Canada, USA
	[Iron]	[<0.1]	SE/US
	[Thiamin]	[<0.1]	Canada
	Palm Fat	[<0.1]	BR/CO/CR/ECGT/HN/I D/MY/PA/PE/PG/SA/S B/TH
	Rapeseed Oil	[<0.1]	AL/AM/AT/AU/AZ/BA/ BE/BG/BY/CA/CZ/DE/ DK/EE/ES/FI/FR/GE/H R/HU/IE/IT/LT/LU/LV/ MD/NL/PL/PT/RO/RS/ RU/SE/SK/SL/UA/UK/X K/GB
	Enzymes	[<0.1]	Denmark, France
	Flour Treatment Agent (E300 Ascorbic Acid)	[<0.1]	Canada
Ham		20.55%	Ireland
	Pork	(95.1)	Ireland
	Water	(1.17)	Ireland
	Salt	(1.85)	Germany, Poland, Netherlands, UK, China
	Sugar	(0.99)	Denmark

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	Pork Protein	(0.43)	EU
	Antioxidant (E300 Sodium Ascorbate)	(0.05)	China
	Stabiliser (E450 diphosphates)	(0.01)	
	Preservative (E250 Sodium Nitrite)	(0.01)	Germany
Mature Cheddar Slice		18%	Ireland
	Cow's Milk	(98)	Ireland, EU
	Salt	(1.9)	Netherlands, Denmark
	Starter Culture (lactic acid)	(0.02)	Denmark, France, USA, Germany, Netherlands
	Vegetarian Rennet	(0.08)	Denmark
Mozzarella Grated		7%	Ireland
	Cow's Milk	(97)	EU
	Salt	(1.9)	Denmark, UK
	Vegetarian Rennet	(0.08)	Denmark, France USA, Germany
	Starter Culture	(0.02)	Denmark
	Potato Starch	(1)	Denmark
Bechamel Sauce		7%	Ireland
	Water	(64.83)	Ireland
	UHT Whipping Cream	(20.80)	Ireland, N. Ireland
	[Stabiliser Carageenan]	[<2]	Ireland, N. Ireland
	Rapeseed Oil	(5.15)	Belgium, Bulgaria, Germany, Estonia, France, Latvia, Lithuania, Netherlands, Romania, Serbia, UK, Ukraine, Hungary, Australia
	Corn Starch (Novation 2600)	(4.52)	UK
	Skimmed Milk Powder	(4.25)	Ireland, UK
	Onion Powder	(0.27)	India
	Nutmeg Ground	(0.09)	Indonesia, Netherlands
	White Pepper Ground	(0.09)	Vietnam, Indonesia

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3b INGREDIENTS DECLARATION Including Quid*

Bread [Fortified **Wheat** Flour (**Wheat** Flour, Calcium Carbonate, Iron, Niacin (B3), Thiamin (B1)), Water, Yeast, Salt, Rapeseed Oil, Palm Fat, Flour Treatment Agent (Ascorbic Acid)], Ham (21%) [Pork (95%), Salt, Sugar, Pork Protein, Antioxidant (Sodium Ascorbate), Stabiliser (Diphosphates), Preservative (Sodium Nitrite)], Mature White Cheddar (**Milk**) (18%), Bechamel Sauce [Water, Cream (Cream (**Milk**), Stabiliser (Carrageenan)), Rapeseed Oil, Cornflour, Skimmed **Milk** Powder, Onion Powder, Nutmeg, White Pepper], Mozzarella (7%) [**Milk**, Potato Starch].

Allergy Advice! For Allergens, including cereals containing gluten, see ingredients highlighted in **bold**

4 NUTRITIONAL DATA *

	Average values per 100g (As Sold)	
Energy (kJ)	1130	kJ
Energy (kcal)	269	kcal
Fat	11	g
- of which saturates	6.2	g
Carbohydrates	27	g
- of which sugars	1.6	g
Fibre	1.9	g
Protein	17	g
Salt	1.7	g

5a DOES THIS PRODUCT CONTAIN

CONTAINS	YES	NO	SOURCE/DESCRIPTION
Additives	Y		E450 in ham, E300 and E535 in bread
Alcohol		N	
All Added Colours		N	
All Added Flavourings		N	
All Added Preservatives	Y		E250 in ham
Antioxidants/BHA/BHT (E320, E321)	Y		E300 in ham
Artificial Colours (Azo Colours/Coal Tar Dyes)		N	
Artificial Flavourings		N	
Artificial Preservatives		N	
Artificial Sweeteners		N	
Aspartame		N	
Benzoates (E210 – E219)		N	
Garlic			
Palm Oil / Palm Oil Derivatives	Y		Palm Fat in bread – MB

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<i>- if 'Yes', Please state Material Category & RSPO Certificate Number</i>			BMT-RSPO-000327
Glutamates		N	
Hydrolyzed Vegetable Protein (HVP)		N	
Kiwi Fruit		N	
Maize/ Maize derivatives	Y		Ascorbic Acid is a maize derivative
Monosodium glutamate		N	
Phenylalanine		N	
Salt substitute Potassium Chloride		N	
Sweeteners		N	
Beef /Beef Derivatives		N	
Lamb/Lamb Derivatives		N	
Pork/Pork Derivatives	Y		Ham
Poultry/Poultry Derivatives		N	

5b NUT AND SEED ALLERGY	YES	NO	IF YES, GIVE DETAILS
Does the Product Contain Nuts and/or Seeds?		N	
			Nut Oil (refined) N/A
			Nuts N/A
			Nut Oil (unrefined) N/A
			Peanuts N/A
			Peanut Oil N/A
			Seed Oil (refined) N/A
			Seed Oil (unrefined) N/A
			Sesame Seed and Oil N/A
			Seeds (excluding oils) N/A
Do Nuts and/or Seeds go down the same line?		N	
Are there Nuts and/or Seeds in the same plant?		N	
Where oil, state whether refined to SCOPA standard		N	

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5c ALLERGEN / INTOLERANCE	YES	NO	Present in Factory	IF CONTAINS, GIVE DETAILS
CONTAINS				
Milk and products thereof (detail species)	YES		YES	Handled on site, present in skimmed milk powder
Eggs and products thereof		N	YES	Handled on site
Cereals containing gluten (wheat, rye, barley, oats, spelt, kumat or their hybridised strains) and products thereof	YES		YES	Handled on site, present in bread
Soybeans and products thereof		N	YES	Handled on site
Nut and products thereof		N	N	
Crustaceans and products thereof		N	N	
Fish and products thereof		N	YES	Handled on site
Peanuts and products thereof		N	N	
Celery and products thereof		N	YES	Handled on site
Sulphur Dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/ litre expressed as SO2		N	YES	Handled on site
Mustard and products thereof		N	YES	Handled on site
Sesame seeds and products thereof		N	N	
Lupin & products thereof		N	N	
Molluscs & products thereof		N	N	
Suitable for				
Coeliacs		N		Wheat in bread
Kosher diet		N		Not certified
Muslims		N		Not certified
Vegans		N		Milk present
Vegetarians		N		Ham present

5d CLAIMS/WARNINGS	YES	NO	IF YES, GIVE DETAILS
Does the product contain Sweeteners?		N	
Does the product contain added Sugar in addition to Sweeteners?		N	
Does the product contain added salt?		N	
Does the product contain Aspartame?		N	
Is the product Honey as defined in Honey Regulations?		N	

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Does the product contain unpasteurised milk?		N	
Has the product or any ingredient been irradiated?		N	
Does the product contain Textured Vegetable Protein?		N	
Is the product certified Organic?		N	

6 GENETIC MODIFICATION *	YES	NO	IF YES, GIVE DETAILS
Are any ingredients not approved as non-GM according to the Lawlabs Valid-IT database? (www.lawlabs.info/validit/asp)		N	
Are any ingredients not approved as non-GM by an independent third party?		N	
Does the product or any of its ingredients contain any genetically modified material?		N	
Does the product contain any ingredients, additives, flavourings or processing aids which, whilst not containing genetically modified protein or DNA, is derived from a genetically modified organism?		N	
Does the product contain any ingredients or derivatives which could be from a genetically modified organism (above 0.9%)?		N	
Is genetically modified origin labelling required according to Regulations 1829/2003 and 1830/2003?		N	

7	HACCP - PROCESS FLOW DIAGRAM WITH CCPs (can be attached)
	Available on Request

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8 SHELF LIFE	NO OF Days/Months	OTHER DETAILS
Maximum life from date of manufacture	12 months	Frozen
Maximum life from date of defrost;	3 days	Store in fridge 0-5°C.
Minimum life remaining on delivery	6 months	Frozen

9 STORAGE CONDITIONS	TEMP	OTHER DETAILS
Is the product freeze stable? Yes	-18°C	
Optimum temperature	-18°C	Keep Frozen below -18°C. Please refer to individual packs for chilled instructions

10A RECOMMENDED HANDLING INSTRUCTIONS

To Defrost:
 Remove product from freezer and place in the fridge. Defrost thoroughly in the fridge at 0-5°C.
 Allow to fully defrost. Once defrosted, do not refreeze.

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10b RECOMMENDED COOKING INSTRUCTIONS (RETAIL)

Ready to Cook Product (**RTC**). Product requires further processing by customer.

This product must be cooked throughout to ensure a minimum core temperature of 70°C for 2 Minutes or equivalent is reached. This must be based upon the end requirement by of the Customer.

Ensure product is piping hot throughout before serving.

Oven Cook:

Preheat oven to 180°C Fan, 200°C Conventional, Gas Mark 4.

Place toastie in unopened packaging onto a baking tray and place on the middle shelf of the oven.

Cook for 20 minutes.

Allow to toastie to stand in the packaging for 1 minute before serving.

Panini Grill:

Preheat panini grill to 180°C.

Place toastie in unopened packaging onto the panini grill, cook for 5 minutes & twist toastie around cook for a further 5 minutes.

Allow to toastie to stand in the packaging for 1 minute before serving.

Microwave:

Not suitable for microwave cooking.

Turbochef Tornado High Speed Oven:

Turbo Chef – Temperature set 260°C

Place toastie in unopened packaging on a tray. Cook for 1minute 30 seconds. Ensure product reaches a minimum 75oC throughout the product before serving.

IR setting 500°C

Time - 100%, Air – 60%, Microwave– 30%

Merry Chef:

<i>Temperature</i>	<i>E3 Oven</i>
<i>275°C</i>	Preheat oven to 275°C. Place Toastie in unopened packaging on a tray. Cook for 1 minute 50 seconds. Ensure product reaches a minimum 75°C throughout the product before serving. <u>Fan – High, Microwave -75%</u>
<i>250°C</i>	Preheat oven to 250°C. Place Toastie in unopened packaging on a tray. Cook for 1 minute 50

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	seconds. Ensure product reaches a minimum 75°C throughout the product before serving. <u>Fan – High, Microwave -100%</u>
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<i>Temperature</i>	<i>E1S Oven</i>
260°C	Preheat oven to 260°C. Place Wrap in unopened packaging on a tray. Cook for 2 minutes. Ensure product reaches a minimum 75°C throughout the product before serving. <u>Fan – 100%, Microwave – 100%</u>
250°C	Preheat oven to 250°C. Place Wrap in unopened packaging on a tray. Cook for 2 minutes. Ensure product reaches a minimum 75°C throughout the product before serving. <u>Fan –100%, Microwave – 100%</u>

<i>Temperature</i>	<i>E2S Oven – domestic plug</i>
275°C	Preheat oven to 275°C. Place Toastie in unopened packaging on a tray. Cook for 1 minute 30 seconds. Ensure product reaches a minimum 75°C throughout the product before serving. <u>Fan – 100%, Microwave -100%</u>

11 FINISHED PRODUCT STANDARDS – MICROBIOLOGICAL

TEST/ORGANISM	TARGET	MAXIMUM	FREQUENCY
<i>Bacillus cereus</i>	<500 cfu/g	1,000 cfu/g	Monthly
<i>Salmonella</i>	Not Detected in 25g	Detected in 25g	Monthly
<i>S. aureus</i>	<20 cfu/g	100 cfu/g	Monthly
<i>E. coli</i>	<20 cfu/g	100 cfu/g	Monthly

12 PACKAGING

	Material type	Other Details (e.g., dimensions)
Primary	Printed Film (P3104)	Printed Film 320mm Reel Width

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(Food contact packaging)	Translucent white, glassine PET Laminate film	
Secondary	Outer Case (P5063) Outer Case Label (4278)	Box 365mm x 305mm x 150mm
Tertiary	LLDPE Pallet Wrap	Clear
Palletisation	Pallet Type	1200 x 1000 White Standard
	Number of Cases per layer	13
	Number of layers per pallet	12
	Total Number of Cases per pallet	156

13 DELIVERY CODING/LABELLING DETAILS *

DETAILS	FORMAT
Product Description	Ham and Mature Cheddar Cheese Toastie
Quantity	12 x 146g
Use by Date or Best Before Date	Best Before Date
Batch / Traceability Code	Julian Code / IE 152 EC
Keep Refrigerated / Frozen label	Keep Frozen -18°C
Barcode (if applicable)	Inner: 5390634003504 Outer: 05390634005621

All products manufactured by Quality Irish Foods T/A Mr. Crumb are warranted by our suppliers to conform to all current Irish and E.U. legislation. No changes can be made to the finished product specification or product without prior consent or direction by the Product Development / Technical Department.

Specification Agreement:

Please return a signed copy of this specification to technical@mrcrumb.ie within 7 working days of the below signed date, otherwise acceptance of this specification will be assumed.

This product specification supersedes any previous specification that you have been sent.


14 SPECIFICATION AGREEMENT (Quality Irish Foods T/A Mr Crumb)

Issued		Approved	
Name	Natalia Niespodzianska	Name	Valerie Gearon
Position	Specifications Technologist	Position	R&D & Technical Manager

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Signature		Signature	
Date	08/06/2023	Date	
Approved On behalf of the customer:			
Name			
Position			
Signature			
Date			

CONTROL OF AMENDMENTS			
DATE	REVISION NO	REASON	NAME
20/02/2023	001	ISSUE OF SPECIFICATION	NATALIA NIESPODZIANSKA
08/06/2023	002	UPDATED MICRO, STORAGE AND HANDLING	NATALIA NIESPODZIANSKA

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