

CONFIDENTIAL
MARLOW FOODS PRODUCT SPECIFICATION

PRODUCT NAME	Quorn Crispy Wings 3x2kg
PRODUCT CODE	A04641
SUPPLIER ADDRESS	Marlow Foods, Station Road, Stokesley, North Yorkshire, TS9 7AB
MANUFACTURER ADDRESS	Fountain Frozen Ltd, Salters Way, Cromwell Road Wisbech, Cambridgeshire, PE14 0SH
PRODUCT DESCRIPTION	Vegan savoury flavoured wings, made with mycoprotein, coated in a batter
PACKAGING	Colour printed PE film bags, packed into plain outer case.
STORAGE	Frozen
SHELF LIFE	Pack + 21 months where the Month of manufacture = 0 (zero)

RECIPE				
Ingredient	%	Code	Component breakdown	Country of Origin
Intermediate		101737		
Mycoprotein Paste		100002	None	UK
Water		40004	None	UK
Natural Flavouring		42258	Salt, Maltodextrin (Maize), Dextrose (Maize), Salt Replacer: Potassium Chloride (E508); Natural Flavouring Preparations (Yeast Extract), Maltodextrin (Potato), Natural Flavouring Substances, Acidity Regulator: Citric Acid (E330); Coconut Oil, Acidity Regulator: Calcium Lactate (E327); Sugar, Modified Tapioca Starch, Carry-over Carrier: Triacetin (E1518); Acidity Regulator: Tripotassium Citrate (E332); Anticaking Agent: Silicon Dioxide (E551); Carryover Carrier: Tricalcium Phosphate (E341); Gum Arabic (E414)	UK
Pea Fibre		42340	Pea Fibre	Belgium
Potato Protein		42221	Potato Protein	Netherlands
Pea Protein		42357	None	Belgium
Wheat Gluten		42298	Wheat Gluten	Netherlands
Carrageenan		42321	Stabiliser	Philippines
Pre-Dust		Bowman's PD63492AB		
Wheat Semolina				Australia, Canada, France, Italy, Spain, United Kingdom, United States
Wheat Flour			Wheat Flour, Calcium Carbonate, Iron, Niacin, Thiamine	United Kingdom
Wheat Gluten				Germany
Rapeseed Oil				Australia, Austria, Belgium, Bulgaria, Croatia, Cypr Luxembourg, United Kingdom

Batter		Bowman's TE63431AB		
Wheat Flour			Wheat Flour, Calcium Carbonate, Iron, Niacin, Thiamine	China, France, India, United Kingdom, United States
Maize Flour				France
Maize Starch				Austria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom
Salt				China, United Kingdom
Natural Flavouring (Contains Gluten)			Wheat	France, Germany, Hungary, Netherlands
Sugar				UK
Garlic Powder				China
Onion Powder				Portugal, Spain, United States
Yeast Extract				China, Germany, Netherlands
Caramelised Sugar Syrup (Maltodextrin)				Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom
Natural Lemon Flavouring				Argentina, Austria, Brazil, France, Mexico, United States
Sodium Bicarbonate (E500)			Raising Agent	France, United Kingdom
Herb (Thyme)				Egypt, Poland, Spain, Turkey
White Pepper				Indonesia, India, Malaysia, Vietnam
Rapeseed Oil				Australia, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Luxembourg, United Kingdom
De-glazer				
Water				
Rapeseed Oil				
Water Loss during frying				

INGREDIENT DECLARATION

Ingredients: Mycoprotein (65%), Rapeseed Oil, **Wheat** Flour (**Wheat** Flour, Calcium Carbonate, Iron, Niacin, Thiamine), Natural Flavouring (Contains **Wheat**), Maize Flour, Pea Fibre, Maize Starch, Potato Protein, Pea Protein, Water, **Wheat** Semolina, **Wheat** Gluten, Stabiliser: Carrageenan; Salt, Sugar, Garlic Powder, Onion Powder, Yeast Extract, Caramelised Sugar Syrup (Maltodextrin), Natural Lemon Flavouring, Thyme, White Pepper, Raising Agent: Sodium Bicarbonate.

Allergy Advice: For allergens, including cereals containin gluten, see ingredients in **bold**.

ALLERGENS

Allergen	Present	Source	Handled on Line	Handled on Site
Celery	No		No	No
Cereals contain Gluten	Yes	Wheat Gluten, Wheat Semolina, Wheat Flour, Natural Flavouring (Wheat)	Yes	Yes
Crustaceans	No		No	No
Egg	No		Yes	Yes
Fish	No		No	No
Lupin	No		No	No
Milk	No		Yes	Yes
Molluscs	No		No	No
Mustard	No		No	No
Tree Nuts	No		No	No
Peanuts	No		No	No
Sesame Seeds	No		No	No
Soybean	No		No	No
Sulphur Dioxide & Sulphites	No		Yes	Yes

FREE FROM

Ingredient	Free From	Source
Added Preservatives		
Added Salt	No	In Natural Flavouring, Batter
Additives	No	Stabilisers: Carrageenan, Acidity Regulators: Citric Acid, Calcium Lactate, Tripotassium Citrate; Citric Acid
Animal Products	Yes	
Coconut	No	Coconut Oil in Natural Flavouring
Colours (artificial)	Yes	
Colours (natural)	Yes	
Garlic	No	Garlic Powder in Batter
GMO Ingredients	Yes	
Hydrolysed Vegetable Protein	Yes	
Irradiated Ingredients	Yes	
MSG	Yes	
Onion	No	Onion Powder in Batter
Vegetable Oils	No	Coconut Oil in Natural Flavouring, Rapeseed Oil in Recipe, Pre-Dust
Yeast	No	Yeast Extract in Natural Flavouring, Batter

SUITABILITY		
Diet/Certification	Suitable?	Comments
Vegetarian	Yes	
Vegan	Yes	Certified
Coeliac	No	Contains Wheat
Lactose	Yes	
Halal	Yes	Certified
Kosher	No	
Organic	No	

NUTRITIONAL INFORMATION				
Nutritional Information (Typical values as sold)	Per 100g	Per 5 Wings	%RI* Per 5 Wings	RI*
Energy kJ/kcal	673	976	12	8400kJ
	161	233	12	2000kcal
Fat g	6.9	10.0	14	70g
of which saturates g	0.8	1.1	6	20g
Carbohydrate g	10	15	6	260g
of which sugars g	2.8	4.0	4	90g
Fibre g	4.8	7.0		
Protein g	12	18	36	50g
Salt g	0.86	1.3	21	6g
*Reference intake of an average adult No. of servings: Approximately 14				

MICROBIOLOGICAL SPECIFICATION	
Test	Target
Enterobacteriaceae	<1000
E. coli	<100
B. cereus	<1000
Clostridium perfringens	<100
Salmonella	N/D in 25g
Listeria sp.	<100

PROCESS CONTROL			
Test	Target	Tolerance	Frequency
Length	N/A	N/A	N/A
Width	N/A	N/A	N/A
Height	N/A	N/A	N/A
Diameter	N/A	N/A	N/A
Weight of Item	294g (weight of 10 pieces)	+/-10g	Hourly
Weight of Pack	2kg	T1 1970g, T2 1940g	Continuous
Metal Detection	Fe	2.0mm	Reject
	Non-Fe	2.0mm	Reject
	SS	3.0mm	Reject

SENSORY PROFILE	
Sensory Attribute	Description
Appearance	Characteristic 'wing' shaped product, coated all over in a slightly aerated tempura batter. When the batter contracts, it gives a wrinkled 'chicken skin' appearance.
Texture	Tender chicken style core with highly contrasting crispy textured batter
Flavour	Chicken style core with classic savoury tempura batter.
Aroma	Fried, savoury, chicken-style from core

COOKING INSTRUCTIONS	
Method	Instructions
Oven	OVEN 16-18 MIN Preheat oven and baking tray to 220°C, Fan 200°C/Gas 7. Cook on the middle shelf.
Hob	N/A
Grill	N/A
Deep Fry	DEEP FRY 4-5 MIN Deep Fry from frozen. Preheat the oil to 170°C. Place pieces into the fryer. Cook for 4-5 min. Drain well.

AUTHORISATION			
Approved	Jo Cowley (pp)	Regulatory Manager	Date: 21.01.2022

CHANGES TO SPECIFICATION
Marlow Foods Limited reserve the right to change this specification in whole or part, but undertakes to give the consumer notification of any such changes. Marlow Foods Limited reserves the right to change their suppliers of ingredients or to replace specified ingredients with equivalent alternatives. Changes in the customers process may affect the performance of this product.