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CONFIDENTIAL

MARLOW FOODS PRODUCT SPECIFICATION

PRODUCT NAME	Quorn Balls 10 x 1kg Cat Multi
PRODUCT CODE	A02097
SUPPLIER ADDRESS	Marlow Foods Limited, Station Road, Stokesley, North Yorkshire, TS9 7AB
MANUFACTURER ADDRESS	Marlow Foods Limited, Station Road, Stokesley, North Yorkshire, TS9 7AB
PRODUCT DESCRIPTION	Meat free balls made from Quorn mycoprotein, with onion and a savoury flavour
PACKAGING	Printed clear PE bags in fibreboard case with printed label
STORAGE	Frozen
SHELF LIFE	P+21 months

RECIPE				
Ingredient	%	Code	Component breakdown	Country of Origin
Water		40001	None	UK
Onions		40940	None	Poland, Netherlands, Turkey, China, Spain
Free Range Egg White		40964	None	France, Italy, Denmark, Netherlands, Germany, Belgium
Textured Wheat Protein		40979	Wheat Flour, (E508, E308)	Netherlands
Textured Wheat Protein		42036	Wheat Flour, Colour: Plain Caramel; Stabiliser: Sodium Alginate	Netherlands
Colour		41681	Colour (Caramel (E150a)); Maltodextrin	Spain
Rice Starch		41747	None	Argentina, Egypt, Guyana, Thailand, Vietnam, Paraguay, Cambodia, Uruguay, Brazil, Myanmar, India, Turkey, France, Greece, Italy, Portugal, Spain
Flavouring		42160	Flavouring (contains gluten)	UK
Mycoprotein Paste		I00002	None	UK
Calcium Chloride		42261	Firming Agent	UK
Calcium Acetate		30519	Firming Agent	Netherlands

INGREDIENT DECLARATION
<p>Ingredients: Mycoprotein (49%), Textured Wheat Protein (Wheat Flour, Stabiliser: Sodium Alginate), Rehydrated Free Range Egg White, Onion, Natural Flavourings, Palm Oil, Rice Starch, Roasted Barley Malt Extract</p> <p>Allergy Advice: For allergens, including cereals containing gluten, see ingredients in bold.</p>

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ALLERGENS				
Allergen	Present	Source	Handled on Line	Handled on Site
Celery	No		No	No
Cereals contain Gluten	Yes	Wheat flour, barley malt extract	Yes	Yes
Crustaceans	No		No	No
Egg	Yes	Free range egg white	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	Yes	
Added Salt	No	Flavouring
Additives	No	Calcium chloride, calcium acetate; Sodium alginate
Animal Products	Yes	
Coconut	No	Coconut oil in flavouring
Colours (artificial)	Yes	
Colours (natural)	No	Caramel
Garlic	Yes	
GMO Ingredients	Yes	
Hydrolysed Vegetable Protein	Yes	
Irradiated Ingredients	Yes	
MSG	Yes	
Onion	No	Flavouring
Vegetable Oils	No	Sunflower, palm, coconut in flavouring
Yeast	No	Flavouring

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

NUTRITIONAL INFORMATION				
Nutritional Information (Typical values as sold)	Per 100g	Per 75g	%RI* Per 75g	RI*
Energy kJ/kcal	505	379	5	8400kJ
	120	90	5	2000kcal
Fat g	2.6	2.0	3	70g
of which saturates g	1.3	1.0	5	20g
Carbohydrate g	11.0	8.3		
of which sugars g	0.9	0.7	1	90g
Fibre g	1.3	1.0		
Protein g	12.5	9.4	19	50g
Salt g	1.0	0.8	13	6g

*Reference intake of an average adult
No. of servings: 13


MICROBIOLOGICAL SPECIFICATION	
Test	Target
Enterobacteriaceae	<10/g
E. coli	<10/g
B. cereus	<10/g
Clostridium perfringens	<10/g
Salmonella	Not detected in 25g
Listeria sp.	Not detected in 25g

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	32mm	29-35mm	N/A
Weight of Item (10 pieces)	167g	163-172g	N/A
Weight of Pack	1000g	N/A	Continuous
Metal Detection	Fe	2.5mm	Rejected
	Non-Fe	3.0mm	Rejected
	SS	4.5mm	Rejected

SENSORY PROFILE	
Sensory Attribute	Description
Appearance	Dark slightly irregular Quorn balls with visual fibres and onions
Texture	Succulent, with a firm chew
Flavour	Savoury flavour, slightly porky with onion
Aroma	Meaty

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COOKING INSTRUCTIONS	
Method	Instructions
Oven	Pre-heat the oven to 200°C/400°F/Gas Mark 6. Place Quorn Balls on a baking tray, brush with a little oil and cook for 21 minutes. Reduce cooking time by 3 mins for fan assisted ovens
Hob	Pre-heat 1 tablespoon of oil over a medium heat and cook Quorn Balls for 15 minutes, turning frequently
Grill	
Microwave	

AUTHORISATION			
Approved		Regulatory Manager	Date: 04.11.15

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.