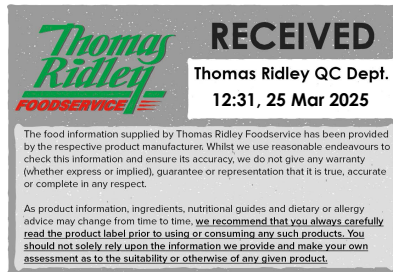




BLUE MOUNTAIN FOOD LTD
RAW MATERIAL SPECIFICATION



Supplier:	Blue Mountain Foods Ltd		
Function (Agent, Manufacturer etc.):	Manufacturer		
Address:	Shaw House, Shaw Road, Bushbury, Wolverhampton, WV10 9LA		
Telephone:	01902 424133	Health Mark/EC License:	UK WN 057

Product Name Fried Hake Fish & White Rice

Legal Name Fried Hake fish fillets in onion sauce with boiled rice.

Product Description Caribbean Meal: Fried Hake fish fillets in onion sauce with
boiled rice.



BLUE MOUNTAIN FOOD LTD

RAW MATERIAL SPECIFICATION

Raw Materials/Ingredients

Raw Material	Country of Origin	Grade	Size/Weight	Composition %
White Rice	USA		150g	42
Hake Fish Fillets			100g	28
Water	UK		40g	10
Onions	UK		20g	5
Sweet peppers Red, Yellow, Green			15g	4
Wheat Flour	UK		10g	3
Herbs and spices (Paprika, mustard flour, garlic, celery, cumin seed, chillies.			10g	3
Rapeseed Oil			10g	3
Black Pepper			2g	1
Salt	UK		2g	1
			Total	100

Ingredients declaration (to comply with QUID regulations):

rice (42%), hake (28%) **Fish**, water; onions; sweet peppers **wheat** flour ((calcium, iron, niacin, thiamin); herbs & spices (paprika, **mustard** flour, garlic, **celery**, cumin seeds, chilli); rapeseed oil; black pepper; salt;



BLUE MOUNTAIN FOOD LTD

RAW MATERIAL SPECIFICATION

Nutritional Values (typical per 100 grams)

Nutrients	Value /100g	Value/ per portion
Energy Kcal	150	540
Energy Kjl	630	3340.8
Protein (g)	7.6	27.36
Total Fat (g)	4.5	16.2
Of which Saturated (g)	0.4	1.44
Mono-unsaturated (g)	2.2	7.92
Poly-unsaturated (g)	1.4	5.04
Trans Fatty Acids (g)	0.0	0.0
Carbohydrate (g)	19.7	70.92
Of which Sugars (g)	0.7	2.52
Fibre(g)	1.3	4.68
Iron (mg)	1.3	4.68
Vitamin C (mg)	7	25.2
Vitamin D (µg)	0	0
Total Folate (µg)	4	14.4
Potassium (mg)	178	640.8
Sodium (mg)	300	1080
Calcium (mg)	35	126
Phosphorous (mg)	86	309.6

Analytical Data (as applicable)

Test	Target	Tolerances / range	Frequency of testing



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RAW MATERIAL SPECIFICATION

Intolerance Data	Yes/No X=Yes	Comments	
Free From Gluten	☐	Wheat Flour	
Free From Animal Based Products	☒	Fish	
Free From Milk and Milk Derivatives	☒		
Free From Egg and Egg Derivatives	☒		
Free From Soya Flour	☒		
Free From Soya Derivatives	☒		
Free From HVP	☒		
Free From MSG	☒		
Free From Nut and Nut derivatives	☒		
Free From Coconut and Coconut Derivatives	☒		
Free From Beef and Beef Derivatives	☒		
Free From Yeast and Yeast Extracts	☒		
Free From Wheat and Wheat Derivatives	☐	Wheat Flour	
Free From Fish	☐	Fish	
Free From Crustaceans	☒		
Free From Molluscs	☒		



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RAW MATERIAL SPECIFICATION

Free From Celery	☐	Celery (in herbs and spices)
Free From Mustard	☐	Mustard (in herbs and spices)
Free From Sesame Seeds and Derivatives	☒	
Free From Sulphur Dioxide and Sulphites at Levels Above 10mg/Kg as SO ₂	☒	
Free From Hydrogenated Oils	☒	
Free From Onion	☐	Onions
Free From Garlic	☐	Garlic (in herbs and spices)
Free From Tomato	☒	
Free From Mushroom	☒	
Free From Carrot	☒	
Free From Maize	☒	
Free From Lupin and Lupin Derivatives	☒	
Free From Antibiotics/Hormones	☒	
Free From GMO Protein/DNA	☒	
Free From GMO Derivatives	☒	
Suitable for Vegetarians	☐	Fish
Suitable for Vegans	☐	Fish

GM Ingredients listing :



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RAW MATERIAL SPECIFICATION

Additives	Yes/No X=Yes	Comments
Free From Colourings	☒	
Free From Flavourings*	☒	
Free From Preservative	☒	
Free From Antioxidant	☒	
Free From Others	☒	

* If present, please confirm the flavouring status; **N** (natural), **NI** (nature identical), **A** (artificial)

GM Ingredients listing :	N/A
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Processing Aids

Item Name	E Number	Function	Addition Rate (g/100g)
Sodium ferrocyanide	E535	Anti-caking agent in salt – non-declarable processing aid	Maximum 20ppm in salt
Calcium sulphate	E516	carrier for fortificants in wheat flour – non-declarable processing aid	Statutory level
Calcium carbonate	E170	Fortification of wheat flour	Statutory level



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RAW MATERIAL SPECIFICATION

Additional Information for Fish and Meat Products Only

Legal Definition (eg reformed/natural/shaped)	Natural
Added Water (%)	N/A
Antibiotic Growth Hormones used	None
Chemical lean	
Minimum meat Content	25%
Minimum Raw Meat Equivalent (%)	

Microbiological Standards

	Typical Value	Reject Value	Unit of Measure	Method
TVC	1000	$> 1 \times 10(5)$	cfu/g	Ukas Accredited Lab
Bacillus cereus	< 50	> 100	cfu/g	Ukas Accredited Lab
Clostridium perfringens	< 10	> 100	cfu/g	Ukas Accredited Lab
Staphylococcus aureus	< 50	> 100	cfu/g	Ukas Accredited Lab
Salmonella spp	Absent	Present	cfu/25g	Ukas Accredited Lab
Clostridium botulinum				
Listeria monocytogenes	Absent	Present	cfu/25g	Ukas Accredited Lab
Coliforms	10	> 100	cfu/g	Ukas Accredited Lab
Escherichia coli O157	Absent	>10	cfu/g	Ukas Accredited Lab
Shigella				



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RAW MATERIAL SPECIFICATION

Quality and Safety Standards

Ingredient Name:	Fried Hake Fish & White Rice		
Product Group:	Ready meals		
'State' e.g. liquid, solid, powder, paste, IQF, chilled	Frozen		
Maximum Life	12 months	Storage Temperature (°C)	-18°C or colder
pH (Minimum and Maximum)		Acidity	
aW (Maximum)		% Salt	
% Moisture (Maximum)		Other (Please Specify)	
Washing Process (Detail Chemical used, concentration and contact / dwell time)	Water Potable		
Heat Process (Detail core time and temperature minimum)	Rice to be cooked >90°C for 10 minutes and until done Final temperature to be achieved. - Final core temperature recorded is always above 90°C		
Filling Conditions (e.g. cold filled, hot filled, cooked in pack, VP/MAP)	Hot Filled plastic Trays		
Maximum time taken to cool to final storage temperature (°C)	180 minutes to -18°C		
Microbiological Positive Release (organism & frequency)	Not positive released		
'Other' e.g. alcohol content (%) / residual nitrite/ propylene glycol	N/A		
Process procedures	Rice: Intake of rice weighing, washing of rice, cooking rice add to depositor. Sauce: intake, weighing, sieve, mix spices into water, boil and add to depositor Fish -Intake, defrosting, marinate, cook in brat pan,		



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RAW MATERIAL SPECIFICATION

	transfer to trays to be packed in trays. Final process: weigh and add fish portions into tray, add rice and sauce from depositor, seal film, metal detect, blast freeze, store in freezer.
Physical:	Fish in consistent sauce with white rice
Biological:	See Above
Chemical e.g. curing	N/A

Details of other relevant control points (as applicable):

Metal Detection	Sensitivity	Frequency of testing
Ferrous	3.00mm (Chrome)	Per Batch
Non Ferrous	3.50mm (Brass)	Per Batch
Stainless Steel	5.00mm (Stainless)	Per Batch

Batch Coding

Product coded with date code for traceability: Example: 2303232 (date/month/year/shift)

Batch Coding Details

Produced on 23 March 2023, afternoon shift. 1 for morning shift, 2 for afternoon

Storage and Handling

Ingredient Name:	Fried Hake Fish & White Rice		
Product Group:	Ready meals		
'State' e.g. liquid, solid, powder, paste, IQF, chilled	Frozen		
Maximum Life	12 months	Storage Temperature (°C)	-18°C or colder



BLUE MOUNTAIN FOOD LTD

RAW MATERIAL SPECIFICATION

pH (Minimum and Maximum)	9 months	Acidity	
aW (Maximum)		% Salt	
% Moisture (Maximum)		Other (Please Specify)	
Washing Process (Detail Chemical used, concentration and contact / dwell time)		Water Potable	

Delivery temperature	-18 °C or colder		
Are mixed batch pallets allowed?	Yes		
Storage Conditions on Delivery	-18 °C or colder		
Maximum Temperature	-18°C	Minimum Temperature	-20°C
Optimum Temperature	-18°C		
Storage Requirements (example - keep away from light)	Frozen -18°C		
Is adherence to stated storage conditions required for SAFETY, QUALITY or Both?	Both		
Maximum Life from Manufacture	12 months	Maximum Life on Delivery	< 12 months
Minimum Life from Manufacture	12 months	Minimum Life on Delivery	9 months
Storage Condition After Opening	N/A – cook from frozen	Maximum Life After Opening	N/A
Minimum Life After Opening	N/A		
Once Defrosted, Life and Storage Conditions	N/A – cook from frozen with film on in pre-heated oven to 190°C, gas mark 5, until piping hot, usually 30 – 40 minutes Oven cook only		



BLUE MOUNTAIN FOOD LTD

RAW MATERIAL SPECIFICATION

Organoleptic & sensory characteristics

	Accept	Reject
Appearance	Single Hake fish fillet. In onion sauce with soft rice and Green Beans	Under / cooked fish / Rice. Missing ingredients/components. Incorrect coding, damaged packaging
Colour	Light brown fish. Red to brown onion sauce. Rice and green beans	Black or dark brown fish / burnt rice or green beans
Flavour	Slightly flavored and peppered fish	No flavor. Too peppery.
Texture	Crisp outer with soft, moist fish. Smooth sauce with soft cooked rice	Under / over cooked fish Rice / Green beans
Aroma	Medium spices fish and sauce	Off flavor or taints

Piece Weight	Minimum	Maximum	Average
Fish sauce	117g	124g	120.5g
Fish	83g	86g	84.5g
White Rice	160g	170g	165g
Pack Weight	Minimum	Maximum	Average
360g	360g	380g	370g

Defects	Definition	Tolerance
Foreign Material	Any material other than the natural ingredient e.g. metal, wood, plastic	Nil
Damaged packs	Punctured, torn, open seals	Nil
Poor coding	Absence or poor legibility of product name, best before date	Nil



BLUE MOUNTAIN FOOD LTD

RAW MATERIAL SPECIFICATION

Bones	Presence of any bones	Nil
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Packaging and Palletisation

Primary Packaging		
Description	2cpet plastic trays	
Material	Plain	
Recyclability	yes	
Dimensions (L/W/H)	Length 200.0mm, width 155.0mm, Depth/height 35.0mm	
Suitable for direct food contact		

Primary Packaging			
Description	Unit label		
Material	S/Gloss Paper Perm Adhesive	Weight	0.60g
Colour	1 Sort, 4 Separate Colours, Yellow, Red Green, Black	Recyclability	yes
Dimensions (L/W/H)	102mm X 102mm white back ground label printed red and blue on semi glossed perm.	Thickness	3 mil
Net Volume/Quantity			
Quality Requirements:	Freezer adhesive, label information clearly printed meeting legal requirement for font size/text height		
Primary Packaging			
Unit label			
S/Gloss Paper Perm Adhesive	Weight	0.60g	
1 Sort, 4 Separate Colours, Yellow, Red Green, Black	Recyclability	yes	



BLUE MOUNTAIN FOOD LTD

RAW MATERIAL SPECIFICATION

102mm X 102mm white back ground label printed red and blue on semi glossed perm.	Thickness	3 mil
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Tertiary Packaging			
Description	pallet wrap		
Material	Polyethylene	Weight	67g on one pallet
Colour	clear	Recyclability	30% recyclability
Dimensions (L/W/H)	400 x250	Thickness	12 mu
Net Volume/Quantity			
Quality Requirements	sufficient to stabilise pallet		
Pallet Data			
Type:	Chep wooden pallets	Material:	wood
Dimensions (Max height as a minimum):	Maximum height: 1.65m	Number of Packs:	80 cases
Units per Layer:	10 cases	Layers Per Pallet	8
Net Weight/ Volume:	Net: 350kg Gross maximum weight 1000kg (not including the pallet)	Quality Requirements:	pallet wrapped
Pack Labelling		Product Coding / Label (attach/photograph)	
All labels are printed on templates which contain the health mark and address of the company Each meal is labelled with: product name, weight, storage advice, name & address of manufacturer, production code, best before date, product code, nutrition information, oven cooking guidelines, ingredients declaration, factory approval code.			



BLUE MOUNTAIN FOOD LTD

RAW MATERIAL SPECIFICATION

Case/Secondary Packaging Labelling	Label (attach/photograph)
Each case is labelled with: product name, weight per meal, quantity, storage advice, name & address of manufacturer, best before date, product code, factory approval code.	

Reasons for Rejection

1. Microbiological standards have not been achieved
2. Contamination by foreign body
3. Poor physical and/or organoleptic standards
4. Temperature outside of acceptable tolerance
5. Lack of outer case labelling
6. Incorrect product coding
7. Damaged and/or soiled packaging (including broken pallets)
8. Poor state of delivery vehicle
9. If less than the minimum shelf life is remaining
10. Delivery without a certificate of analysis unless it has previously been agreed in writing
11. Non-conformance to approved specification



BLUE MOUNTAIN FOOD LTD
RAW MATERIAL SPECIFICATION

Health and Safety

	Yes/No X=Yes	Comments
Health & safety data sheet attached	☐	

Reason for creation of new specification version:	First version
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Blue Mountain Foods 16/01/2024