

Product s	pecification	
1. Product Code:	Funnybones	6708
	Supplier	6708
2. Product Name (As appears on packaging):	Aged Cheddar Cheese	Sauce
3. Brand Name:	Rio Pacific	
4. Country of origin:	USA	
5. Factory Approval Code:	2123263	
6. Product Description and Intended consumers: Note: Provide descriptive product name and important characteristics of final product which are intended to affect product safetyles. Water activity, pH, salt content etc.) and nominate scope of consumers for which the product to intended for		
Cheddar cheese sauce sold in 2.72 KG pails is intended for		•

To ensure the food safety of the product, it is pasteurized @ at minimum of 165⁰F for 30 seconds to eliminate vegetation microbial growth and is formulated with a balance of moisture, salt and pH to prevent the growth of clostridium botulinum

7. Packaging 7.A) Quantity per case:

7.B) Inner unit packaging:

7.C) Oute	r unit	packaging:	
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6 pails

Material	Welght (g)
Cardboard / Paper	N/A
Plastic	85 75 G
Steel	N/A
Glass	N/A
Other:	N/A

Material	Weight (g)
Cardboard / Paper	395G
Plastic	N/A
Steel	N/A
Glass	N/A
Other:	N/A

7.D)	Packaging	Information:
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closure)	plastic, paper)			
Plastic sealed pail w/ lid	Polypropylene	125mm Dia x 195mm H	85,75g	confidential

7.E) Packaging Requirement (Food Contact Materials)		
Do you have a proper packaging material Traceability in place?	ΠX Yes	□ No
Does the packaging conform to relevant UK & EU packaging material legislations	o x Yes	□ No
Does the packaging material conform to relevant UK & EU packaging Migration and heavy metals legislations Note: Packaging must not transfer its constituents into food to the detriment of the food's safety & quality	Μ̄ Yes	ſ No
If Modified Atmospheric Packaging used then indicate the composition of packaging gases used if applicable.		
Not applicable		
Is material Recyclable?	Ø₹ Yes	⊏ No
8. Declared Product weight/ Volume :	Gross Weight (g/kg)	2.81 k
Note: Weight/capacity marking shall be in metric gram (g/kg) or litre (ML/L)	Net weight (g/kg) liquid product please fill in 8	*if
	Net Volume (ML/L) *onf in if figuid product	
	Drained weight (g/kg) (if applicable)	N/A

9. Ingredient declaration:

Note: Ensure a complete list of ingredients is provided in descending order by weight. Where compound ingredients are used, these must be broken down to provide details of each individual ingredient.

**Source of the logredient i.e. Animal, vegetable, mineral natural and synthetic

Ingredient	Additives yes/no	% Breakdown Note: Renges will be accepted	Supplier Name	Country of Origin	**Source of Ingredient
Water	No	confidential	confidential	USA	Natural
Soya Bean Oil	No		Cormachia	USA	Vegetable
Whey	No		li .	USA	Animal
Cheese (pasteurized milk, cheese cultures, salt, enzymes	No			USA USA China USA	Animal
Modified Corn Starch	No				Vegetable
Sodium Phosphate	Yes				Mineral
Salt	No		Ţ.		Mineral
Lactic Acid	Yes			USA	Vegetable
Natural flavor (Cheddar cheese enzyme)	Yes		Ĩ	USA	Animal
Xanthan Gum	Yes]		China	Vegetable
Sorbic Acid	Yes]		China	Mineral
Paprika Color	Yes	1	1	USA	Vegetable

10. Additives:

Note: List out all additives and processing aids used in the product(colours, preservatives, flavours, Stabilizars, Sweaterers, Articularts, Acidity regulators etc.)

Name	E Number	Function	Source(Veg/ Animal/Artificial)	Quantity(%,ppm, µg mg, g etc.)
Sodium Phosphate	E339	Emulsifier	Mineral	1,5% - 2,0%
Lactic Acid	E270	Acidity Regulator	Vegetable	1.0% - 1.5%
Xanthan Gum	E415	Thickener	Vegetable	0.20% - 0.30%
Sorbic Acid	E200	Preservative	Mineral	0.20% - 0.22%
Paprika color	E160c	Colour	Vegetable	0.05% - 0.10%
		:		

Details of Genetically Modified Materials A) Does the product/ingredient* contain genetically modified material? If Yes, please give detaits of the GMO materials used and if No please give detaits conforming if IP, PCR negative in the box below	□Yes	IX No	
11.B) Has the product/ingredient* been significantly changed by the use of genetically modified material? If Yes, please give	□ Yes	□ No	
details in the box below Not applicable	. 703	No	1
11.C) Can you guarantee that all raw materials are traceable back to source, including GM verification, of all suspect raw materials including animal feed? Note: If Yes, please give details of the traceability level in the box below.	阿 Yes	□ No	
Non-GMO Certificate by all suppliers required			

12. Microbiological Standards

Test	Specific	Specification		
1000	Upper Limit Unacceptable		Frequency of Testing	
Total Plate count (/g)	N/A			
Yeasts (/g)	N/A			
Moulds (/g)	N/A			
Coliforms (/g)	< 3 MPN	> 3 MPN	Periodic	
E.coli (/g)	< 3 MPN	> 3 MPN	Periodic	
Salmonella (/25g)	Negative	Positive	Periodic	
Staph.aureus (/g)	< 10 CFU	> 10 CFU	Periodic	
Bacillus Cereus (/g)	N/A			
Listeria Monocytogenes	Negative	Positive	Periodic	

13. Nutritional Information		Please give all mandatory listings		
Typical values		Per 100g / 100ml	Per serving g/ml	Values based on Analytical / Calculated
Energy kJ / kcal		1130KJ / 270kcal		Calculated using Genesis program
Protein (g)		5g		
Carbohydrate (g)		15g		
Of which: Sugars (g)		12g		
Polyols (g)				
Starch (g)				
Fat (g)		21g		
Of which: saturates (g)		5g		
Mono-unsaturates (g)				
Poly-unsaturates (g)				
Trans-Fally Acids(g)				
Fibre (g)				
Sodium (g)				
Equivalent as Salt (g)		3.5g		
Ash (g)				
	1)			
Special Claims (e.g. Vitamins & minerals)	3)			
	4)			
	6)			

(Physical and chemical tolerances applied)	Target	Tolerance allowed		
рН	5.4 Max	5.2 - 5.53		
Acidity				
Preservatives	.20% Min	.20%25%		
Moisture	56% Max	54% - 55.9%		
Viscosity	14 Bostwick	13 - 15 Bostwick		
Drained Weight(if applicable)				
Total Salt	4.0% Min	4.0 - 4.2%		
Organoleptic Properties		Bets a		
Organoleptic Properties	Target	Reject		
Appearance	Medium firm	Loose or loo thick		
Texture	Smooth & creamy	Lumpy or runny		
Taste	Cheesy	Off flavors		
Aroma/Odour	Cheesy	Off aromas		
Colour	Yellow-orange	Too orange or loo yellow		
Other				
Physical properties	Target	Tolerance		
Piece Size (If applicable)				
Product dimensions (if applicable)				
(Length, Weight, Height)				

15. Product Shelf Life

15.A) Total Product life from the date of manufacturing Note: in

18 months from date of manufacture if stored under the proper storage condition as listed below.

15.B) Shelf life after opening days

Refrigerate after opening, consume within 30 days

16. Shelf Life Validation

Attach a document to support the shelf life given to the product (Copy of shelf life test on Microbiological, Chemical physical & Organoleptic parameters need to be provided) (Attachment 1)

17. Batch marking applied for traceability

17.A) Format of Coding System used (batch code/date code): Note: describe cording system used to mark batch and durability date on products for complete traceability

Lot code and Best By date ink jet printed on the side of each container using following format:

BBE DD MMM YYYY ### (balch number) Lot# YY-### (Sales assigned lot number) M (plant ID) B (product ID) YY (make year) JJJ (Julian date of manufacture) (on one single line)

17.B) Location and format on inner unit:

Lot code and Best By date ink jet printed on the side of each container, just below lid

18. Describe Storage Conditions:

18.A) Product Storage Conditions

Product is shelf stable; stored and handled at ambient temperatures; do not freeze; minimize storage at temperatures > 85°F (29.5°C) Do not store in direct sunlight and in a clean, dry environment

18.B) Storage instructions including durability once opened

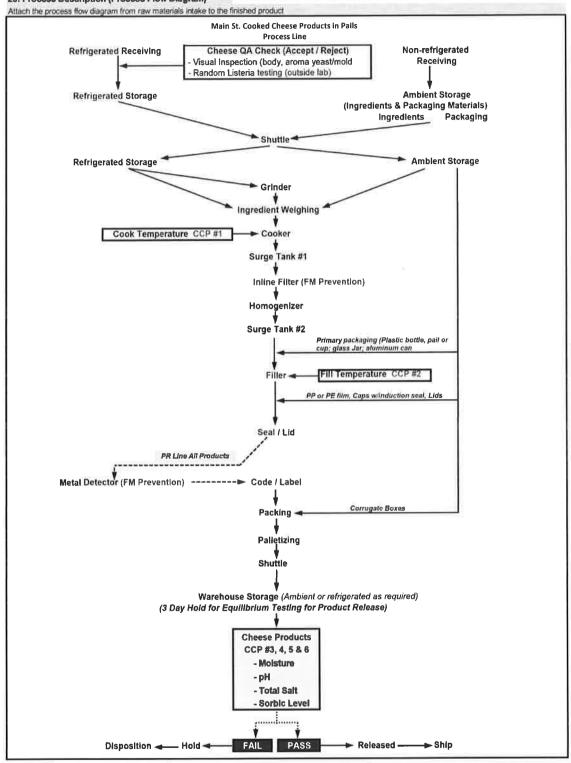
Refrigeration after opening

Use product within 30 days after opening

19. Delivery Temperatures

₹ Ambient	Chilled	☐ Frozen
Target Temperature °C	Minimum Temperature °C	Maximum Temperature °C
21°C	Do not freeze	< 29.5°C

20. Process Description (Process Flow Diagram)



21. HACCP Control Chart

PRODUCT SPECIFICATION

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CCP no.	Hazard	Preventive Measure	Monitoring Procedure	Monitoring Frequency
#1	B-Pathogens Listeria monocytogenes, Salmonella, C botulinum	Cook to proper temp (165°F minimum) and hold time per process authority (30 seconds).	Temperature probe & chart recorder used to document. Device calibrated quarterly	Continually through entire production rur
#2	B-Pathogens Listeria monocytogenes, Salmonella, C botulinum	Fill at proper temp (165°F minimum) and hold time per process authority (30 seconds).	Temperature probe & chart recorder used to document. Device calibrated quarterly	Continually through enlire production ru
#3			All batches of finished product are tested for finished moisture level per formulation & Process Authority requirements using a CEM Moisture Analyzer.	
#4	P. Pothogons	Formulas are followed and ingredient addition documented. In-process batch measurements are	All batches of finished product are tested for finished pH level per formulation & Process Authority requirements using an Orion 3 Star pH probe & meter.	All batches of finishe product produced fo each production run
#5	B-Patnogens: Clostridium botulinum toxin production	taken for pre-assessment of product specifications. Products are allowed to equilibrate prior to final analysis and shipment. Lab SOP's are followed according to Good Laboratory practices.	All batches of finished product are tested for finished salt level using 926 Chloride Analyzer and results added to DSP usage per batch to determine total salt level per formulation & Process Authority requirements.	
#6			Sorbic acid level is calculated based on the usage per batch to determine Sorbic Acid level per formulation & Process Authority requirements.	
	#1 #2 #3 #4 #5	#1 B-Pathogens Listeria monocytogenes, Salmonella, C. botulinum B-Pathogens Listeria monocytogenes, Salmonella, C. botulinum #3 #4 B-Pathogens: Clostricitum botulinum toxin production	#1 B-Pathogens Listeria monocytogenes, Salmonella, C. botulinum #2 Perventive Measure Cook to proper temp (165°F minimum) and hold time per process authority (30 seconds). Fill at proper temp (165°F minimum) and hold time per process authority (30 seconds). #3 Formulas are followed and ingredient addition documented. In-process batch measurements are taken for pre-assessment of product specifications. Clostricitum botulinum toxin production #5 Formulas are followed and ingredient addition documented. In-process batch measurements are taken for pre-assessment of product specifications. Products are allowed to equilibrate prior to final analysis and shipment. Lab SOP's are followed according to Good Laboratory practices.	#4 #4 #5 #6 #6 #6 #6 #6 #6 #6 #6 #6 #6 #6 #7 #6 #6 #6 #6 #6 #6 #7 #6 #6 #6 #6 #7 #6 #6 #6 #6 #7 #6 #6 #6 #6 #6 #7 #6 #6 #6 #7 #6 #6 #6 #6 #7 #6 #6 #6 #6 #7 #6 #6 #6 #6 #6 #6 #6 #6 #6 #6 #6 #6 #6

22. Quality control
Note: Describe quality control checks that are undertaken and their frequency in the process
22.A) Raw materials

Each lot of cheese received for EU products usage is checked for:

Listeria
Color and appearance

Aroma Taste

load of Whey is checked for:

and appearance

Each Color

22.B) Processing

Each batch is checked during production run for in-process: Moisture pH

pH Sorbic acid level Color (using a Optical Colorimeter) Texture (using a Bostwick measuring device) Taste

The $1^{\rm cl}$ and then every $5^{\rm lh}$ batch there after is checked during production run for in-process: Chloride (salt) level

22.C) Finished Product
Please indicate the products are metal detected and describe the sensitivity

All product produced passes through a Metal Detector prior placed in a box. Sensitivity: 5.0MM Stainless Steel, 5.0MM Ferrous, 5.0MM Non-Ferrous

Each batch of finished product produced is checked after a 3-day hold period to assure product reaches equilibrium:

Moisture

pH
Total salt (% chloride added to DSP formulation usage)
Sorbic acid level (% calculated per formulation usage)

22 D	Weight)	Checks

Minimum (g)	Average (g)
2720g	2740g

23. Barcodes

EAN (Inner unit):	5 028615 520015
ITF (Outer unit):	0 5028615 670826

24. Pallet details

Units per layer:	8	
Units per pallet:	56	
Approximate GROSS pallet weight (kg):	976.21 kg	

25. Case details

Length:	18.25"	
Height:	8.0"	
Width:	12.25"	
GROSS Weight(kg):	17.23 kg	
NET Weight(kg):	16.32 kg	

This Product contains:	Present in Product		Present within same production environment		Handle within processing establishment	
Irradiated ingredients	Yes	IX No	Yes	™ No	୮ Yes	X No
Crustaceans and its products	☐ Yes	IK No	┌ Yes	IX No	☐ Yes	Ø No
Molluscs/crustaceans	☐ Yes	₹ No	⊢ Yes	DX No	┌ Yes	₩ No
Egg / Egg products	「 Yes	₩ No	┌ Yes	IX No	୮ Yes	IX No
Fish / Fish Products	√ Yes	K No	☐ Yes	™ No	Γ Yes	X No
Peanuts / Peanut products	☐ Yes	IX No	┌ Yes	∏X No	IX Yes	₽ No
Lupin/Lupin derivatives	T Yes	X No	┌ Yes	₹ No	☐ Yes	₩ No
Soya / Soya Products (Soybean Oil)	1X Yes	_∟ No	∏ Yes	_ No	l ∀es	_∟ No
Dairy / Dairy Products (Cheese, Whey)	I€ Yes	_L No	∏ Yes	□ No	₩ Yes	□ No
Celery	√ Yes	₹ No	☐ Yes	DT No	☐ Yes	™ No
Additives	ΓYes	No	「 Yes Ⅰ	□ No	┌ Yes	□ No
Mustard	Γ Yes	K No	└ Yes	∏ No	IX Yes	_ No
Sesame Seed / Products	୮ Yes	⋉ No	⊤ Yes	□ No	□ Yes	₩ No
Sulphur dioxide >10mg/kg	୮ Yes	₩ No	☐ Yes	T No	√ Yes	₩ No
Anlioxidanls		No X	r Yes	_ No	☐ Yes	K No

Artificial sweeteners	☐ Yes	₹ No	☐ Yes	IX No	☐ Yes	IK No
Artificial preservatives (Sorbic acid)	₩ Yes	_ No	X Yes	□ No	IX Yes	_ □ No
Flavour Enhancers (Cheese enzymes)	K Yes	□ No	₩ Yes	□ No	₩ Yes	_ No
Maize and Maize derivatives (Modified Corn Starch)	Ø Yes	□ No	K Yes	□ No	Ø Yes	□ No
Animal Products (Non-dairy)	ſ Yes	₹ No	┌ Yes	™ No	「 Yes	JF No
Added natural colour	₩ Yes	_ No	TX Yes	□ No	₩ Yes	_ ⊢ No
Colour – artificial	□Yes	Ø No	X Yes	□ No	IX Yes	T No
Preservatives	or Yes	_ No	X Yes	□ No	▼ Yes	No
Benzoates	┌ Yes	₩ No	₹ Yes	□ No	X Yes	_
Glutamates (e.g. MSG)	ſ Yes	IK No	Yes	OX No	₩ Yes	□ No
Hydrolysed Vegetable Protein	「 Yes	K No	T Yes	TX No	⊤ Yes	/X No
Hydrogenated Fats and Oils	「 Yes	Ø No	□ Yes	Ø No	Ø Yes	T No
Irradiated ingredients	「 Yes	₹ No	Yes	IX No	□ Yes	₩ No
Gluten from: Wheat / Rye / Barley / Oats	□Yes	₩ No	☐ Yes	IX No	┌ Yes	I € No
Fish/ Crustaceans/ Molluscs & their derivatives	┌ Yes	Ø No	├ Yes	DK No	┌ Yes	_
Beef & Beef Derivatives (e.g. stocks, beef extract, beef gelatine, beef fat etc)	☐ Yes	₹ No	Yes	IX No	□ Yes	JK No
Pork and pork derivatives (e.g. stocks, pork extract, pork gelatine, pork fat etc.)	「 Yes	₩ No	┌ Yes	/X Nο	□ Yes	_K No
Nut and nut products (e.g tree nuts, walnuts, brazil nuts, hazelnuts, almonds, cashews, pine nuts, etc)	☐ Yes	X No	୮ Yes	IX No	ſ Yes	DX No

27. Product suitability

The product is suitable for:		
Halal Diets (It is suitable; however, not certified)	T Yes	OK No
Kosher Diets (It is suitable; however, not certified)	□ Yes	▼ No
Coeliacs (Free from gluten)	₩ Yes	□ No
Lactose Intolerants (Free from lactose)	☐ Yes	I€ No
Vegan diets (Free from all animal products and products of living animals)	୮ Yes	₩ No
Vegetarians [Ovo-lacto] (May contain products of living animals (e.g. milk, eggs, honey etc and their derivatives)	▼ Yes	□ No

28. Illegal Dye Control

Note: Chilli powder, Curry powder, Paprika, Turmeric and seasonings since 2003 are not permitted to contain the following illegal food dyes; Sudan I – IV. Butter Yellow, Metanit Yellow, Sudan Red B, Sudan Red G, Rhodamina B, Orange III, Para Red, Totaldha Red, Sudan Red G. Nor are spices allowed to contain the following colours Annetto, Bibin. Norbibin (European contrainsion decision 2003/460/EC & 2004/92/EC).

28.A) If the product contains chilli powder, chilli mixes, curry powder and paprika, turmeric, confirm the ingredients are free from illegal food dyes and non permitted food colours?

T Yes	K No	
Frequency of testing:		

28.B) Please confirm that a certificate of analysis can be provided for all batches which confirm the absence of illegal food dyes?

√ Yes	₹ No
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29. Describe the measures in place to prevent the potential risk of any cross contamination with allergens?

PRODUCT SPECIFICATION

Not Each

applicable on this line. All products produced on this line contain cheese (milk) and / or whey (milk) and / or soybean oil. production line (cook & fill) are in separate rooms.

On other lines, products containing allergens are scheduled at the end of the production run or the only product produced on that day (peanut).
Post-sanitation allergen verification process is in place.

30. Supplier Obligation

The supplier must comply with all relevant United Kingdom and European Community Legislation and all relevant legal and food safety criteria. The supplier must agree to comply with Furnybones Food Services Ltd Conditions of Supply. The supplier is responsible for ensuring that all the relevant analytical, quality and food safety and process control records are held and maintained for a minimum of three years from date of supply to Furnybones Food Services Ltd. These records must be made available to representatives of Furnybones Food Services Ltd upon request. All the products delivered to us shall comply with the relevant product specification. The supplier is responsible for informing Furnybones Food Services Ltd in writing in advance of any proposed change of formulation, manufacturing process or packaging materials cess of any materials used to produce the product to be supplied to Furnybones Food Services Ltd. No change is to be made without the prior knowledge and prior written agreement of Furnybones Food Services Ltd. Supplier is required to accept responsibility for the accuracy, legality & relevance of the information supplied within this specification.

Please indicate the current Version of your product spec. (Revision/Issue number)

Version 4.0

Note: Please do not change the document reference details in the header and the footer of this document

Note: make sure (Attachment 1) is attached before sending

Authorised by supplier/manufacturer (Name):

Date

On behalf of Funnybones Foodservice Ltd (Name):

Date:

Authoris

Friday, March 30, 2018

Rosalie Proctor

05/04/2018