

Kluman and Balter Limited

The *i.o.* Centre Unit 8 Lea Road Waltham Cross EN9 1AS Tel: 01992 704000

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Product Specification

Product	: KB Mac Paste (Macaroon Paste)			
Size / Weight	: 10 kg			
K & B Code	: 100060			
Date	: 10.10.17	Issue	: 5	
Reason for issue	: Reviewed			

1. Product Description: A pale yellow apricot kernel based paste used for baking. The product has a paste like texture similar to marzipan, with a sweet, nutty flavour. All product is passed through a metal detector (sensitivity 3mm Fe, 3.5mm non-Fe, 4mm SS)

2. Analytical Standards:

2.1. Chemical:

Parameter Target Value		Limits	Method / Frequency
Moisture	16.0 – 18.0		Each batch
Aflatoxin	4 ppb maximum		

2.2. Physical, including allowable contaminants and levels and organoleptic attributes:

Parameter	Target Value	Limits	Method / Frequency
Appearance	Pale yellow paste		Each batch
Flavour	Sweet, nutty	No off or rancid flavours	Each batch
Texture	Soft, slightly granular homogeneous paste		Each batch
Foreign material	Absent		Each batch

2.3. Microbiological:

Parameter	Target Value	Limits	Method / Frequency
T.V.C.	10,000 cfu/g	100,000 cfu/g	
Yeasts & Moulds	1,000 cfu/g	50,000 cfu/g	
Coliforms	0	100 cfu/g	
E.Coli	Absent in 10g	Detected in 10g	
Enterobacteria	<10 cfu/g	100 cfu/g	
Salmonella	Absent in 50g	Detected in 50g	

3. Metal Detection:

Non-Ferrous:	3.5 mm	Ferrous:	3.0 mm	Stainless Steel:	4.0	mm
Frequency of metal checking metal detector: Hourly						

4. Nutrition:

Source of data: (Analysis of calculation):

	Values per 100g
Energy, Kcals	379
Energy, Kjoules	1596
Protein	8.6g
Fat	11.8g
- of which saturates	0.6g
- of which mono-unsaturates	8.0g
- of which poly-unsaturates	3.2g
Carbohydrate	59.5g
- of which sugars	59.5g
- of which starch	0
Sodium	0.03g
Fibre	1.4g

5. Shelf Life:

Shelf life from date of production: 3 months. Minimum life on delivery to Kluman & Balter:

6. Storage and Transport Conditions:

6.1. Storage Conditions: Dry, cool ambient conditions, away from heat and odorous materials

6.2. Transport Conditions: As above

7. Packaging:

7.1 Primary Packaging: (unit of sale)

Dimensions (L x W x H) mm: mm x mm

Material and closure: White food grade polypropylene pails, with white snap-on lid Weight of primary packaging: Label position: Side of pail. Label information: Product, best before date, production date.

7.2 Secondary Packaging: n/a

Dimensions (L x W x H) mm: Material and closure: Weight of secondary packaging: Label position: Label information: Coding information and example:

7.3 Palletisation:

Units per layer: 12 Layers per pallet: 4. Pallet type: 4W UK 1200 x 1000mm, wood. Height of completed pallet: Weight of completed pallet: kg Pails stretch wrapped onto pallet for stability

8. Weight Control:

Average weight or minimum weight: Minimum Target Weight: 10 kg Label Weight: 10 kg

9. Ingredient Declaration (legal): Sugar, Apricot Kernals, Water, Rice Flour, Pasteurized Egg White, Preservative (E202).

10. Raw Material Components (in descending order):

Ingredient,	%	+/-	Supplier	Country of Origin	GM Status
including					
compound					
ingredients.					
Sugar	50 - 60			UK	GM Free
Apricot kernals	20 - 30			Germany	GM Free
Water	<10			UK	GM Free
Rice Flour	<5			UK	GM Free
Pasteurized egg	<5			EU	GM Free
white					
Preservative E202	<1			UK	GM Free
Total	100				

Country of manufacture: UK.

Make Up Instructions:

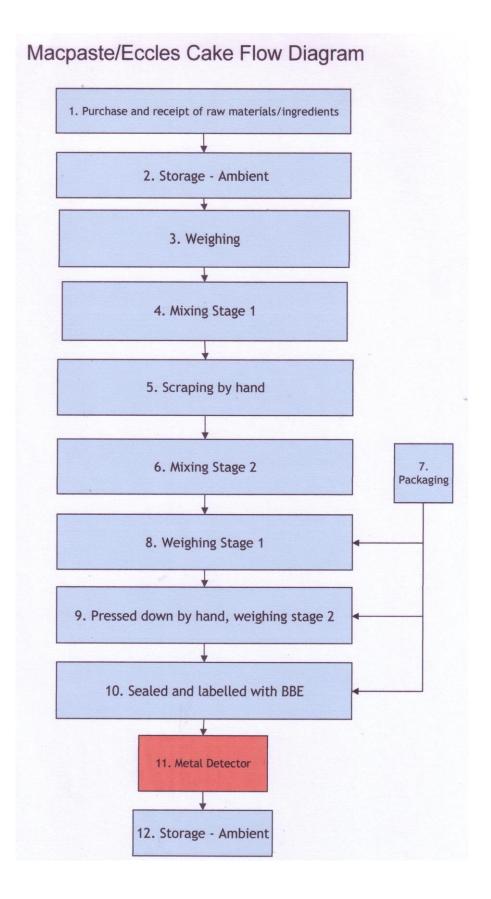
To each 1.792kg of paste add 112g of water (approx) and 112g of Ground rice.

Blend together in a bowl taking care not to beat air into the mix.

Pipe out onto waxy paper to desired size and decorate with a split almond or cherry.

Bake at 340 degrees F.

11. Flow diagram of manufacturing process, showing critical control points:



12. Detail of Critical Control Points:

CCP No.	Hazard Identified	Control Procedure	Target Level	Responsibility

13. Food Intolerance Data:

The product is **FREE** from the following:

Additives : Artificial N E202 Additives : Natural Y Antioxidants BHA/BHT Y Antioxidants BHA/BHT Y Antioxidants BHA/BHT Y Azo and Coal Tar Dyes Y Benzoates Y Colours: Antificial Y Colours: Natural Y Colours: Natural identical Y Egg & Egg Derivatives N Colutantes: Matural Y Glutamates, MSG Y Glutamates, MSG Y Histamine, Caffeine Y Lactose Y Modified Starches Y Mustard/Mustardseeds, Celery/Celeriac, Kiwi fruit Y Mustard/Mustardseeds, Celery/Celeriac, Kiwi fruit Y Peanuts & Peanut Derivatives Y Potasium Based Sati Substitute Y Preservatives ; Natural Y Preservatives ; Natural Y Rye, Barley & Oats or their Derivatives Y Preservatives ; Natural Y Rye, Barley & Oats or their Derivatives Y Seeds (Poppy, Sesame, Sunflower) &	The product is <u>FREE</u> from the following: Component	Y or N	Detail if N
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LambYLamb derivatives, stocks, extracts, offals, gelatin, fat, bloodY		Y	
Lamb derivatives, stocks, extracts, offals, gelatin, fat, blood Y			
	Pork	Ŷ	
Pork derivatives, stocks, extracts, offals, gelatin, fat, blood Y			

14. Diet Suitability:

Vegetarians	Y	Ovo - Lacto Vegetarians	Y
Vegans	N	Muslims / Halal certified	Y*
Jewish / Kosher certified	Y*	Diabetics	N
Low Potassium		Coeliacs	Y
Low Sodium		Organic	N

The product is **<u>SUITABLE</u>** for the following diets:- (leave blank if not known)

* Suitable but not certified

15. Warranty:

We warrant that all food products and packaging materials supplied by Kluman & Balter Ltd:

- Shall comply in all respects with this specification, shall be clean, sound, non-injurious to health and shall be fit for the purpose for which they are intended.
- Shall comply with all aspects with the Food Safety Act 1990, and with associated regulations, and with all other relevant United Kingdom and European Union legislation, regulations, standards and codes of practice. Packaging shall comply with legal requirements for Food Contact Materials.
- Shall be of the nature, substance and quality described and shall not be presented in such a way which may mislead the purchaser.
- Shall be stored, stacked, handled and transported under suitable conditions so as to maintain safety and quality at all times.
- Shall be fully traceable back to the place and time of manufacture, and to the ingredients used.
- This specification is based on manufacturer's information, and is believed to be correct. No liability is accepted for errors and omissions. It may be updated or altered from time to time as new information becomes available.
- Customers are advised to determine the suitability of products for their specific application, and to store and use products according to this specification. It will not normally be possible to provide a life extension on products once delivered to customers' premises.
- Customers must notify any damage or defects immediately on arrival.

For and on behalf of Kluman & Balter:			For and on behalf of: (customer)
Signature:			
Print Name:	Craig Stewart		
Position:	Technical Manager		
Date:			
KB code & Product:	100060 KB Mac Paste (Mac	car	oon Paste)