

Kluman and Balter Limited

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

Technical Department
Tel: 01992 704002
Fax: 01992 764937

E: technical@kaybeefoods.com

Product Specification

Product	: Nibbed Sugar	
Size / weight	: 25kg	
K & B Code	: 010175	
Date	: 06/02/2020	Issue No. : 8
Reason for Issue	: Change of supplier	

1. Product Description: Regular white sugar nibs, sweet but no odour

2. Analytical Standards:

2.1. Chemical:

Parameter	Target Value	Limits	Method / Frequency
Dry matter	99.8%	+/- 0.2%	Continuous
Moisture	0.2%	+/- 0.2%	Batch
Colour	Max 22.5 ICU		Weekly
SO ₂	Max 10 mg/kg		Continuous
Water activity	<0.55		

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

Parameter	Target Value	Limits	Method / Frequency
Particle size	2 - 4mm approx	>95% will be <4.0mm	Every 10 pallets
		>10% will be <2.0mm	In the beginning & at the
			end of emptying the silo
Bulk density	0.76 g/cm ³ settled,		
	0.68g/cm³ unsettled		

2.3. Microbiological:

Parameter	Target Value	Limits	Method / Frequency
TVC	<20 cfu/g	>20 cfu/g	1x / year
Coliforms	<1 cfu/g	>1 cfu/g	1x / year
Salmonella	Absent in 25g	Detected in 25g	1x / year
Yeasts & Moulds	<10cfu/g	>10cfu/g	1x / year

3. Metal Detection:

Non Ferrous 2.0mm, Ferrous 2.0mm (in line), Stainless Steel 2.4mm 1500-9000 gauss perm magnet (in line) 2mm Screen (in line)

4. Nutrition: (Source: McCance & Widdowson, 5th Edition)

Per 100g Typical - as supplied 400/100g Energy, Kcals Energy, Kjoules 1700/100g trace/100g Protein 0/100g Fat 0/100g of which saturates of which mono-unsaturates 0/100g of which poly-unsaturates 0/100g 99.95g/100g Carbohydrate 99.95g/100g of which sugars 0g/100g of which starch trace/100g Sodium Fibre 0.1/100g

5. Shelf Life:

Shelf life from date of production: Indefinite if kept in good storage conditions. Minimum life on delivery to Kluman & Balter: As above, life not affected providing storage conditions maintained.

6. Storage and Transport Conditions:

6.1. Storage Conditions: Ambient

6.2. Transport Conditions: Ambient

7. Packaging

7.1 Primary Packaging: (unit of sale)

Dimensions (L x W x H) mm: 600 x 390 x 130mm (approx)

Material and closure: Multi-wall paper sack, outer ply white, 2-colour printed, fill-seal closure.

Weight of primary packaging: Label position: Printed on bags.

Label information: Product title, manufacturer, date of production, batch code.

Coding information and example:

Lot code TT Y WW
Type Year Week n°

7.2 Secondary Packaging: None

Dimensions (L x W x H) mm:

Material and closure:

Weight of secondary packaging:

7.3 Palletisation:

Palletisation: Units per layer: 5 bags Layers per pallet: 8. Height of complete pallet: 1020mm
Type: UK (1000 x 1200mm): Material: Wood

8. Weight Control:

Average weight or minimum weight: minimum Target Weight: 25kg Label Label Weight: 25kg

9. Ingredient Declaration (legal): Sugar (or Sucrose)

10. Raw Material Components (in descending order):

Ingredient, including compound ingredients. Sugar (Beet)	%	+/-	Supplier	Country of Origin	GM Status
Sugar (Beet)	100		SUCRERIE COUPLET	Belgium / France / United- Kingdoms / Netherlands /Germany	Free
Total	100				

Country of manufacture: Belgium

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

From Unrefined Cane Sugar:

Affination / melting

Carbonation/filtration

Decolourisation

Evaporation/crystalisation

Separation/drying

Separation/Drying

Storage (CCP)

Packing (CCP)

All screens, permanent magnets and metal detectors are after crystallisation stage.

12. Detail of Critical Control Points

CCP No.	Parameter	Frequency	Action	Responsibility
1.	Sieves (2mm)	Continuous		
	Into and exit from storage silos			
2.	Rare earth magnets (1500 – 9000 gauss)	Continuous		
	Into and exit from storage silos			
3.	Metal detection (2mm)	Continuous		
	At packing / bagging operation			

13. Food Intolerance Data:

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

Nuts & Nut derivatives (including tree nuts) (and any possible sources of cross contamination) Peanuts & Peanut Derivatives Seeds (Poppy, Sesame, Sunflower) & Seed Derivatives Egg & Egg Derivatives Y Milk & Milk Derivatives Y Milk & Milk Derivatives Y Wheat and Wheat Derivatives Y Wheat and Wheat Derivatives Y Whodified Starches Y Modified Starches Y Modified Starches Y Modified Starches Y Wheat and Gluten Derivatives Y Histamine, Caffeine Y Histamine, Caffeine Y Rye, Barley & Oats or their Derivatives Y Histamine, Caffeine Y Rye, Barley & Oats or their Derivatives Y Sulphites and Sulphur Dioxide N May be carry over from refining. https://doi.org/10.ppm Benzoates Y Artificial Sweeteners Y Additives; Natural Y Preservatives; Natural Y Preservatives; Artificial Y Additives; Natural Y Additives; Natural Y Freservatives; Artificial Y Additives; Natural Y Fliavourings: Natural Y Fliavourings: Natural Y Colours: Natural Y Colours: Natural Y Colours: Natural Sweeteners Y - If No, are they derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity Preserved Source? Or do they have a negative PCR Certificate? Processing Aids derived from Identity	The product is FREE from the following:		
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,,,,,,,,,,,,,,,	Beef, Pork, Lamb, Fish products or derivatives on site	Υ	

14. Diet Suitability:

The product is **SUITABLE** for the following diets:-

Vegetarians	Y *	Ovo - Lacto Vegetarians	Υ*
Vegans	Υ*	Muslims / Halal certified	Υ
Jewish / Kosher	Υ	Diabetics	N
Low Potassium	Υ	Coeliacs	Y*
Low Sodium	Υ	Organic	N
*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:	010175 Nibbed Sugar	