



# QUALITY MANUAL 3.4.2

Product Specification Caster Sugar—Bagged

Issue Date 14/08/2023	Reference No. QM-3.4.2 SUGAR-CASTER-BGD	
Revision No. 001	Issued By NSR	Authorised By NAP
Page 1 of 3	Last Specification Approval Date 04/03/2024	

## Caster Sugar—Bagged

### Description

White free flowing crystalline product, free from abnormal odours and flavours and free from visible extraneous material.

### Storage

Cool, dry environment, below 65%RH and at 10-20oC avoiding temperature fluctuations in excess of 5oC in any 24h period. The product should not be subject to any draughts. Avoid direct light and sources of ignition. Do not store close to substances with strong odours.

### Shelf-life

In excess of 18 months if good storage practice is observed. Does not require a best before date (refer to Food labelling regulations 1996)

### Declaration for Use

Sugar, produced from Sugar Beet grown in the UK with no additional ingredients.

### Food Intolerance Data — Product **does not** contain the following:

- Wheat / Barley / Rye / Oats Gluten
- Yeast / Yeast Products
- Soya / Soya Derivatives
- Seed / Seed Derivatives
- Sesame/Sesame Derivatives
- Nuts / Nut Derivatives
- Peanuts/Peanut Derivatives
- Celery/Celeriac
- Lupin / Lupin Derivatives
- Seafood/Seafood Derivatives
- Fish/Fish Derivatives
- Crustaceans/molluscs & Derivatives
- Animal/ Animal Derivatives
- Meat Products
- Milk Products
- Lactose
- Other Dairy Products
- Mustard/ Mustard Products
- Egg / Egg Products
- Salt
- Preservatives
- Artificial Colours
- Natural Colours
- Mineral Hydrocarbons
- Polyols
- BHA's / BHT's
- Azo Dyes
- Anti-oxidents
- Phenylalanine
- Glutamates
- Benzoates
- HVP / TVP
- GMO's
- SO<sub>2</sub> above 10mg/kg
- Caffeine



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## Pallet Specification

All BS pallets are wooden pallets, dimensions 1000mm x 1200mm (2.5), height 161mm (3) with nominal weight of 26kg. Open boarded two-way entry. Waterproof cover applied to deck before loading with bagged product.

## Packaging

Code	Description	Details	Dimensions
55343	25kg Easy Open Sack	2-ply open mouth paper sack, flat pasted. Bottom folded to back with bottom cap, mouth closed by stitching. 40 sacks per pallet covered with polyethylene hood.	Face width: 480 +/-5mm Flat length: 670 +/-10mm Bottom size: 90 +/-5mm
55315	1 tonne Bag	Woven polypropylene IBC, with polypropylene coating. Loops for four point lifting. Filling spout sealed with blue nylon MultiLoc security seal. Covered by polyethylene pallet hood.	87 x 115 x 129 cm 4 lifting loops 180 +/-10mm long
55319	1.2 tonne Bag	Woven polypropylene IBC, with polypropylene coating. Loops for four point lifting. Filling spout sealed with blue nylon MultiLoc security seal. Covered by polyethylene pallet hood	94 x 112 x 127 cm 4 lifting loops 180 +/-10mm long

Chemical & Physical	Max	Typical	Method
Solution Colour (ICUMSA Units)		32	METHOD-WS-008 50 % sugar solution, filtered (0.45µm), absorbance at 420nm
Conductivity Ash (%)	0.02	0.008-0.012	METHOD-WS-009 conductivity of sugar solution
Loss on Drying (%)	0.04	0.008-0.022	METHOD-WS-004 oven for 3hr @ 105oC
Reducing Sugars (%)	0.04	0.001-0.005	METHOD-WS-010 sugar soln heated with alkaline copper, EDTA titration
SO2 (mg/kg)	6	1-4	METHOD-WS-020 alkaline soln with bleached rosaniline and formaldehyde, absorbance at 570nm
Particle Size >425 µm (%) <212 µm (%)	10 22		<b>METHOD-WS-081</b> Laboratory sieve analysis
Insoluble matter (mg/kg)		5-10	METHOD-WS-006 hot solution passed through 8µm filter
Lead (mg/kg)	0.5	<0.05	atomic absorption
Arsenic (mg/kg)	1.0	<0.05	atomic absorption
Copper (mg/kg)	2.0	<0.05	atomic absorption

Microbiology	Typical	Maximum
Mesophilic Bacteria (cfu per 10g)	<200	1000
Yeasts (cfu per 10g)	<10	50
Moulds (cfu per 10g)	<10	50



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Nutritional Information	Typical g/100g
Energy KJ	1700
Energy Kcal	400
Fat	0
Protein	0
Carbohydrate	100
Of which is sugars	100
Salt	0

## Certification

- This product has Kosher status (Pareve), but not for Passover.
- This product is certified Halal, (copies of certificates can be supplied on request).

## Legislation

Product conforms to all aspects of UK & EU Legislation, including but not limited to:

- Food Safety Act 1990
- EC Regs 852/2005 & 853/2005

## History of Amendments/Revisions

Revision No.	Date	Revision Detail
001	14/08/2023	First Issue.



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