

	ISM-SSP-034 - Standard Granulated (1) (002)	Revision: 20
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Product Specification - Standard Granulated Sugar		

## Product Specification - Standard Granulated Sugar

### Description

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

### Chemical/Physical

	Max	Typically	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	0.002-0.024	METHOD-WS-004 oven for 3hr @ 105°C
Reducing Sugars (%)	0.04	0.001-0.005	METHOD-WS-010 sugar soln heated with alkaline copper, EDTA titration
SO <sub>2</sub> (mg/kg)	6	1-4	METHOD-WS-020 alkaline soln with bleached rosaniline and formaldehyde, absorbance at 570nm
Particle Size - Mean µm CV (%)		450-600 25-35	METHOD-WS-022 Laboratory sieve analysis
Insoluble matter (mg/kg)		5-10	METHOD-WS-006 hot solution passed through 8µm filter
Lead (mg/kg)	0.1	<0.05	atomic absorption
Arsenic (mg/kg)	1.0	<0.05	atomic absorption
Copper (mg/kg)	1.0	<0.05	atomic absorption

### Microbiological

	Typically	Limit
Mesophilic Bacteria (cfu per 10g)	<200	1000
Yeasts (cfu per 10g)	<10	50
Moulds (cfu per 10g)	<10	50

### Nutritional Data

Per 100g	Typically
Energy	1700kj (400kCals)
Fat	0g
Of Which Saturates	0g
Carbohydrate	100g
Of Which Sugars	100g
Protein	0g
Salt	0g

**Origin**

Produced from Sugar Beet grown in the UK, Poland, France, Germany, Belgium, The Netherlands and Sugar Cane grown in Guatemala, Mauritius and Thailand

**Additional Ingredients**

None

**Food Intolerance Data - Product does not contain the following:**

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

**Certification**

This product has Kosher status (Pareve), but not for Passover.

This product is certified Halal. (copies of certificates can be supplied on request)

**Declaration for use**

Sugar

**Storage**

Cool, dry environment, below 65%RH and at 10-20°C avoiding temperature fluctuations in excess of 5°C 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 by law.

**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
55073	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
55165	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	Internal Base: 88cm x 112cm Internal Height: 120cm External Base: 91cm x 115cm
57011	Bulk Tanker	Self-contained vehicle used solely for carriage of sugar capable of discharging sugar pneumatically via blowing train or by gravity. All hatches, covers and hose containers are	

		protected by blue nylon MultiLoc security seals.	
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