

	ISM-SSP-016	Revision: 12
	Owner: Emma Johnson	
	Last Published: [Last Published]	Review Date: 16/11/2023
Icing CP		

## Product Specification - Icing CP

### Description

A fine white powder, free from abnormal odours and flavours and free from visible extraneous material.

### Chemical/Physical

	Max	Typically	Method
Solution Colour (ICUMSA Units)		21 - 32	METHOD-WS-008 50% sugar solution, 0.45µm membrane filtration, absorbance at 420nm
Loss on Drying (%)	0.07	0.01 - 0.07	METHOD-WS-004 Oven for 3hr @ 105°C
Reducing Sugars (%)	0.04	0.001-0.004	METHOD-WS-010 Sugar soln heated with alkaline copper, EDTA titration using murexide indicator
SO <sub>2</sub> (mg/kg)	6	1-4	METHOD-WS-020 Alkaline soln with bleached rosaniline and formaldehyde, absorbance at 570nm
Particle Size > 106µm (%) > 150 µm (%) < 75 µm (%) Mean aperture (µm)	8.0	<1.0 >80 19 - 26	Laser particle sizer
Tricalcium phosphate %	1.5	0.5 - 1.5	METHOD-SP-069 Dissolve, filter, dry and weigh
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

### Microbiological

	Typically	Limit
Mesophilic Bacteria (cfu per 10g)	<500	<1200
Yeasts (cfu er 10g)	<10	<50
Moulds (cfu per 10g)	<10	<50

### Nutritional Data

Per 100g	Typically
Energy	1687kJ (392kCals)
Fat	0g
Of Which Saturates	0g
Carbohydrate	99.2g
Of Which Sugars	99.2g
Protein	0g
Salt	0g

### Origin

Produced from sugar beet grown in the UK. Tricalcium Phosphate manufactured in **Israel**, Europe or USA from minerals.

### Additional Ingredients

Tricalcium phosphate (Free flow agent) (E number for TCP - E341 (iii))

### 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 (free flow agent need not be declared if not functional in finished products)

### Storage

Cool, dry environment, recommended 55%RH or below 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

Up to 32 weeks from date of manufacture if good storage practice is observed Usable life has been assessed as the period of time under appropriate storage conditions where the product remains free flowing. Product that has exceeded its 'usable life' will be fit for use provided its flowability is acceptable as no other quality parameters will be affected. Does not require a best before date (refer to regulation 7, Food labelling regulations amendment 1996).

### 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
55437	25kg Sack	Open mouth 3 ply paper sack, flat pasted bottom folded to back with bottom cap. 40 sacks per pallet covered with polyethylene hood	Face width: 530+/-53mm Flat length: 710 +/- 10mm Bottom: 150 +/- 5mm
55409	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	88 x 96 x 160 cm 4 lifting loops