

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Third party accreditation held:	BRC agents and brokers accredited (BRC site code: 6973442)
Manufacturer/ packer health mark (if applicable):	N/A
Manufacturer/ packer third party accreditation held:	FSSC 22000 accredited
	Halal certified
	Kosher certified
	Organic certified
	SEDEX ZC421402432

Product information:	
Product description:	Organic Coconut sugar is a natural sweetener and sugar substitute produced from carefully extracted organic coconut nectar from the flower sap of the coconut (Cocos Nucifera L.) Coconut nectar is collected and cooked on slow heat to let the liquid evaporate until coconut sugar granules are formed. Coconut sugar is 100% natural, with no additives, no anti-fermenting agents, no anti-caking agents, no preservatives and no chemicals.
Ingredients declaration (as would appear on the product label):	Organic coconut sugar 100%
Allergen advice:	For allergens, see ingredients declaration in BOLD
Product providence claims held:	Halal Certified
	Kosher Certified
	Organic Certified
Country of manufacture:	Indonesia


Ingredient:	Compound Ingredients:	Function:	Supplier:	Country of origin:
Organic coconut nectar	None	Main Ingredient	PT Intrafood Singabera Indonesia	Indonesia

HACCP information:	
Please provide the process flow diagram and critical control point summary for the product:	Yes

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Organoleptic standards:		
Criteria:	Target:	Reject:
Appearance:	Dry granular crystals, free from foreign material or other physical contaminant	Not dry granular crystals with foreign material or other physical contaminant
Colour:	Light brown to brown in colour	Not light to brown in colour
Odour:	Typical coconut sugar, free from sour, chemical or other objectionable odours	Not typical coconut sugar with sour, chemical or other objectionable odours
Flavour:	Typical coconut sugar, free from sour chemical or other objectionable flavours	Not typical coconut sugar with sour chemical or other objectionable flavours
Texture:	Dry granular crystals, free from foreign material or other physical contaminant	Not dry granular crystals with foreign material or other physical contaminant

Product photographic standards:	
Acceptable	Unacceptable
	

Physical standards:					
Criteria:	Unit of measure (example 100g, carton, 1000kg)	Target /Max	Method:	Frequency:	Positive release (yes/no)
Production processing area: 12 mesh Primary packing area: 14 mesh	1000g	0% retained on sieve	Sieving /Visual inspection	Every production run	yes
Purity	100g	100%	Visual inspection	Every production run	yes
Foreign bodies	100g	Absent	Visual inspection	Every production run	yes

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Chemical standards:					
Criteria:	Target & Max	Method:	Number of samples:	Frequency:	Positive release (yes/no)
Moisture	≤3%	In-house method use moisture balance Shimadzu MOC63U	3g / check Sampling: 50g per 50kg of finish good	Every production run	yes
Water activity	<0.6	In-house method use AW-meter Rotronic Hygropalm	3-5g / check Sampling: 50g per 50kg of finish good	Every production run	yes
Sulphite	<10ppm	SNI 01-2894-1992	1 sample	Annual & Every batch	Sulphite
Laboratory used:		On site			
Laboratory accreditation:		none			

Mycotoxins Standards:					
Criteria:	Target / Max	Method:	Number of samples:	Frequency:	Positive release (yes/no)
Aflatoxin	<4ppb	LC-MSMS	1 sample	Annual	no
Laboratory used:		Accredited (PT. Saraswanti Indo Genetech)			
Laboratory accreditation:		ISO/IEC 17025:2017			

Microbiological standards:					
Is the product subject to heat treatment					Yes
Temperature	>100°C	Time	N/A	Monitoring frequency.	N/A
Details: (please indicate what heat treatment the product undergoes)			Heat treatment during cooking process (evaporation).		
Product commercially sterile					No
Criteria:	Target & Max	Method:	Number of samples:	Frequency:	Positive release (yes/no)
Total Plate Count / Aerobic colony count	<1,000 cfu/g	SNI ISO 4833-1:2015	1 sample	Annual & Every shipment	yes
Yeasts & Moulds	<100 cfu/g	SNI ISO 21527-2:2012	1 sample	Annual & Every shipment	yes

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Coliform	0 MPN/g	SNI ISO 4831:2012	1 sample	Annual & Every shipment	yes
<i>Escherichia coli</i>	< 3MPN/g	SNI ISO 7251:2012	1 sample	Annual & Every shipment	yes
<i>Staphylococcus aureus</i>	<100 cfu/g	ISO 6888-1:1999/Amd 2:2018	1 sample	Annual & Every shipment	yes
<i>Salmonella sp.</i>	Absent in 25g	ISO 6579-1:2017/Amd 1:2020	1 sample	Annual & Every shipment	yes
<i>Enterobacteriaceae</i>	<100 cfu/g	SNI ISO 21528-2:2017	1 sample	Annual & Every shipment	yes
Laboratory used:	Accredited (PT. Saraswanti Indo Genetech)				
Laboratory accreditation:	ISO/IEC 17025:2017				

Heavy metals:					
Criteria:	Target / Max	Method:	Number of samples:	Frequency:	Positive release (yes/no)
Arsenic	<1.0 mg/kg	ICP MS	1	Annually	No
Lead	<0.10 mg/kg	ICP MS	1	Annually	No
Mercury	<0.03 mg/kg	ICP MS	1	Annually	No
Copper	Not tested				No
Zinc	Not tested				No
Cadmium	<0.05 mg/kg	ICP MS	1	Annually	No
Tin (Stannum)	<40 mg/kg	ICP MS	1	Annually	No
Laboratory used:	Accredited (PT. Saraswanti Indo Genetech)				
Laboratory accreditation:	ISO/IEC 17025:2017		Regulation EC No. 1881/2006 setting maximum levels for certain contaminants in food stuff, heavy metals test consist of lead, cadmium, mercury, inorganic tin, and arsenic		

Agrochemicals – Pesticides		
Criteria:	Frequency	Target & Max
Multi-screen analysis	1 sample (composite) annually	Confirms to EU/ UK regulations
Laboratory used:	accredited	
Laboratory accreditation:	ISO17025	

Nutritional standards:			
Criteria:	Typical value (per 100g/ 100ml):	Method:	Frequency:
Energy (kJ)	1589.92	Calculation	Annually
Energy (kcal)	380 kcal/100g	Calculation	Annually
Fat (g)	0	Weibull	Annually
- Of which saturates (g)	0	GC-FID	Annually
-monounsaturates (g)	Not tested	-	-
-polyunsaturates (g)	Not tested	-	-

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Total Carbohydrates (g)	95	Calculation	Annually
– Of which sugars (g)	87	HPLC-RI	Annually
Available carbohydrates	95	Calculation	Annually
Total sugar enzyme Sucrose (as monosaccharides)	79	HPLC-RI	Annually
Total dietary fibre (g)	4	18-8-6-2/MU/SMM-SIG	Annually
Protein (g)	1	Titrimetric	Annually
Total sodium (mg)	150	ICP OES	Annually
Salt (g)	Not tested	-	-
Ash (g)	2.53	SNI 01-2891-1992 point 6.1	Annually

Source of theoretical data:	N/A		
Calculation information:	N/A		
Laboratory used for analytical data:	Accredited (PT. Saraswanti Indo Genetech)		
Laboratory accreditation?	ISO/IEC 17025:2017		

Metal detection / Product protection:	
Metal detection used:	Yes
Position:	Post packing
Metal detector rejection mechanism type:	Belt stop and visible/ audible alarm
Metal detector sensitivity:	Ferrous: 2.0mm; Non-Ferrous: 2.5mm; Stainless steel: 2.5mm
Metal detector check frequency:	Start of product run; following breakdowns

Magnet:	
Magnet used: (Yes/ No)	Yes
Position:	Production Processing Area
Minimum pull strength:	10,000 Gauss
Magnet check frequency:	Start of production, Mid-Shift, and End of Shift

Sieving:	
Sieving used: (Yes/ No)	Yes
Position:	Production processing area
Mesh size:	Production processing area: 12 mesh Primary packing area: 14 mesh
Sieve integrity check frequency:	Start of production, Mid-Shift, and End of Shift
Sieve finds check frequency:	Start of production, Mid-Shift, and End of Shift

Filtration:	
Filtration used: (Yes/ No)	Yes
Position:	Production process area
Mesh/ pore size:	25 Micron
Filter integrity check frequency:	Start of the production, End of Shift

Primary packaging information:	
Primary packaging type:	HDPE blue liner
Primary packaging colour:	Blue

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Primary packaging dimensions:	80cm x 51cm x 39cm
Primary packaging gauge:	Thickness: 120 ± 5 micron
Primary packaging weight grams:	160g
Primary packaging closure method:	Heat sealed
Primary packaging supplier name:	CV. Sinar Joyoboyo Plastik
Primary packaging supplier third party accreditation held:	ISO 9001:2015, Halal, Migration test certified
Primary packaging suitable for recycling:	Yes
Percentage of recycled material in packaging:	0
Primary packaging material food grade:	Yes
	If yes please provide supporting evidence (i.e. certificate of conformity and migration test data):

Secondary packaging information:	
Secondary packaging type:	Corrugated box
Secondary packaging colour:	Brown
Secondary packaging dimensions:	Length: 48.5cm Width: 38.5cm Height: 22 cm
Secondary packaging weight grams:	1020 g
Secondary packaging closure method:	Sealed with blue food grade tape
Secondary packaging suitable for recycling:	Yes
Percentage of recycled material in packaging:	0
Secondary packaging supplier name:	PT. Purinusa Eka Persada
Secondary packaging supplier third party accreditation held:	ISO 9001:2015
Quantity per unit: 1	
Declared minimum net weight: 25kg	
Average weight:	Target weight: 25kg T1: n/a T2: n/a

Product label information (if applicable):	
Primary packaging label information:	N/A
Label location:	N/A
Secondary packaging label information:	Product name and code 67.60 Organic label Ingredient Production date Best before date Carton number Batch code Net weight Indonesia Country of origin Indonesia Storage information

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Label location:	side of the carton
Preparation instructions as would appear on the product label (if applicable):	
n/a	
Warnings as would appear on the product label (if applicable):	
Store in a cool and dry place	

Packaging and labels photographic standards:	
Packaging standard:	Label Standard:
 	

Pallet information:	
Pallet type:	Wooden 1200x1000mm
Units per layer:	6
Layers per pallet:	6
Units per pallet:	36
Pallet closure method:	Pallet cover, top cover secured with stretch wrap
Label information:	Product code, description and FGI batch number

Storage conditions and shelf-life information (ambient / frozen)	
Storage conditions (unopened):	Store in a cool dry place away from direct sunlight, odours and taints.
Storage conditions (opened):	Store in a cool dry place away from direct sunlight, odours and taints.
Maximum shelf-life (unopened):	Production date + 24 months
Maximum shelf-life (opened):	Production date + 24 months if resealed and store accordingly

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Minimum life into customer:	12 months
Suitable for freezing:	no
Storage temperature:	Ambient

Meat species information:					
Criteria:	Product free from?	Factory free from?	Production line free from?	Present and permitted in canteen?	If yes how is cross contamination controlled?
Beef and products their of	Yes	Yes	Yes	Yes	Clean room prior to entering production area.
Lamb and products their of	Yes	Yes	Yes	No	
Pork and products their of	Yes	Yes	Yes	No	
Chicken and products their of	Yes	Yes	Yes	Yes	Clean room prior to entering production area.
Horse and products their of	Yes	Yes	Yes	No	
Mechanically recovered meat and products their of	Yes	Yes	Yes	No	

Alergens:-When purchased in bulk size original packaging, manufacturer allergen policy will apply.
When purchased in quantities that need re-packaging, our allergen policieis will apply.

Component	Manufacturer			Nuts in Bulk (Applies when bought in small quantities that need re-packaging)		
	In Product	Processed in Same Equipment	Handled on Site	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	NO	NO	NO	YES	YES
EGGS or its derivatives	NO	NO	NO	NO	NO	NO
FISH or its derivatives	NO	NO	NO	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO	NO	NO	NO
MOLLUSCS	NO	NO	NO	NO	NO	NO
PEANUTS or derivatives	NO	NO	NO	NO	YES	YES
SOYA BEANS or derivatives	NO	NO	NO	NO	YES	YES
MILK (LACTOSE) or its derivatives	NO	NO	NO	NO	YES	YES
NUTS , tree nuts:	NO	NO	NO	NO	YES	YES
CELERY, including celeriac and its derivatives	NO	NO	NO	NO	YES	YES
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	NO	NO	NO	YES	YES
SESAME SEEDS or derivatives	NO	NO	NO	NO	YES	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	NO	NO	NO	YES	YES
LUPIN seeds or derivatives	NO	NO	NO	NO	NO	NO

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

Dietary information:		
Criteria:	The product is suitable for	Comments:
Vegetarians	Yes	No meat species contained in the product
Lacto-ovo vegetarians	Yes	No meat species contained in the product
Vegans	Yes	No meat, milk or egg contained in the product
Nut allergy suffers	Yes	No nuts, nut oil, or related residues handled on site
Coeliac	Yes	No wheat-gluten handled on site
Halal	Yes	Halal accredited
Kosher	Yes	Kosher accredited
Organic	Yes	Organic accredited

Ionising radiation (irradiation) information:		
Criteria:	Yes/ No	Comments if applicable:
The product or ingredients are subjected to ionising radiation.	No	N/A

Fumigation information:		
Criteria:	Yes/ No	Details of fumigation
The product is subjected to fumigation.	No	

Palm oil information:		
Criteria:	Yes/ No	Comments:
The product and any of its ingredients contain palm oil and products thereof	No	
RSPO certification		Details of certification

Acrylamide information:		
Acrylamide is a chemical substance formed when starchy foods, such as potatoes and bread, are cooked at high temperatures (above 120°C).		
Criteria:	Yes/ No / N/A	Details of testing

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

This product is susceptible and tested to monitor levels of acrylamide.	yes	Annual test
--	------------	-------------

Genetically modified material information:		
Criteria:	Yes/ No?	Comments:
This product and any of its ingredients are free from genetically modified material.	Yes	
This product and any of its ingredients are free from any changes as a result of genetic modification.	Yes	
This product and ingredients are free from processing aids, additives or flavourings that have been subjected to genetic modification.	Yes	
This product and ingredients are free from material made using genetically modified derived enzymes and cultures approved in the UK for food use.	Yes	
The product is tested to verify the absence of genetically modified material.	No	If yes testing details.

Illegal food dyes and non-permitted food colours information:
<ul style="list-style-type: none"> Chilli powder; Cayene pepper; Crushed dried chillies; Curry powder; Paprika and Turmeric cannot contain the following illegal food dyes: Sudan I – IV; Butter yellow; Metanil yellow; Sudan red b; Sudan red 7b; Orange red g; Rhodamine b; Orange II; Para red; Toluidine red and Sudan Red G

<ul style="list-style-type: none"> Spices cannot contain the following non-permitted food colours: Annatto; Bixin and Norbixin 		
Criteria:	Yes/ No?	Comments:
This Product or ingredients contain chilli powder, chilli mixes; curry powder; paprika and turmeric.	No	

Food intolerance data:		
Ingredients:	Product free from?	Comments:
Beef and products thereof	Yes	
Lamb and products thereof	Yes	
Pork and products thereof	Yes	
Chicken and products thereof	Yes	
Preservatives	Yes	
Additives	Yes	
Antioxidants	Yes	
Colours	Yes	
Flavours	Yes	
Genetically modified materials	Yes	
Yeast	Yes	
Vegetable oil	Yes	
Corn and products thereof	Yes	
Maize and products thereof	Yes	

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60


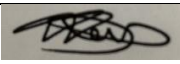
Salt and salt replacers	Yes	
Sugar	Yes	
Benzoates	Yes	
Butylated hydroxyanisole	Yes	
Butylated hydroxytoluene	Yes	
Caffeine	Yes	
Caramel	Yes	
Cinnamon	Yes	
Cocoa and products thereof	Yes	
Coconut and products thereof	No	Organic coconut sugar
Coriander	Yes	
Fruit and products thereof	Yes	
Garlic	Yes	
Gelatine	Yes	
Histamine	Yes	
Hydrolysed vegetable protein	Yes	
Hydrolysed vegetable oil	Yes	
Legumes and pulses	Yes	
Monochloropropanols	Yes	
Monosodium glutamate and products thereof	Yes	
Phenylalanine	Yes	
Polyols (including sorbitol)	Yes	
Seed oil	Yes	
Sunflower or cotton seeds	Yes	
Chilli powder	Yes	
Cayenne pepper	Yes	
Crushed dried chillies	Yes	
Cayenne	Yes	
Curry powder	Yes	
Paprika	Yes	
Turmeric	Yes	

--

Warranty statement:
NUTSINBULK Ltd warrants that the product, the manufacturing premises and distribution facilities will comply in every respect with the provisions of existing legislation and statutes, of either the United Kingdom or EC origin, and all regulations, statutory instruments, directives, orders, decisions or any other requirements made thereunder, which relate to, or control the nature, substance, quantity, quality, fitness for purpose, packaging, packing, labelling, sale, offering for sale, use, marking, traceability, constitution, importation, exportation, transportation, possession, dealing, make-up or trade description of such goods.
NUTSINBULK is responsible for informing the customer of any proposed changes in the specification (e.g. formulation, manufacturing procedures or packaging materials etc.).
NUTSINBULK is responsible for ensuring that all products, as far as is reasonably possible, are manufactured in accordance with the specification, where there is a deviation that they inform the customer of this in advance of shipping the goods.

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		

CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	25kg carton Organic Coconut Sugar
Product code:	67.60

The product shall be manufactured at all times to the best practice reasonably available in the industry, and where this cannot be achieved this should be highlighted to the customer, and in this respect is responsible with keeping up-to- date with all regulations in force in Europe as it relates to the specific product and in general.	
Technologist	
Print name:	
Position:	Senior Food Technologist-Bulk
Sign:	
Date:	17.08.2023
Senior Departmental Manger / Deputy Technical Manager / Senior Technologist	
Print name:	
Position:	Deputy Technical Manager
Sign:	
Date:	17.08.2023

Specification amendment history:														
New version:	Date:	Reason(s) for amendment:												
1.2	22/11/2023	Amended testing to remove per batch for Aflatoxins. Not at risk.												
1.1	18/08/2023	Signature missing for version 1. Minor amend to add.												
1	17.08.2023	Change to version 1 due to introduction of cloud-based document control system.												
		Amendments prior to new control system:												
<table border="1"> <thead> <tr> <th colspan="3">Specification amendment history:</th> </tr> <tr> <th>New version:</th> <th>Date:</th> <th>Reason(s) for amendment:</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>23.02.23</td> <td>New Specification</td> </tr> <tr> <td>2</td> <td>26.05.23</td> <td>Updated micro testing, allergen status, organic label, packaging supplier</td> </tr> </tbody> </table>			Specification amendment history:			New version:	Date:	Reason(s) for amendment:	1	23.02.23	New Specification	2	26.05.23	Updated micro testing, allergen status, organic label, packaging supplier
Specification amendment history:														
New version:	Date:	Reason(s) for amendment:												
1	23.02.23	New Specification												
2	26.05.23	Updated micro testing, allergen status, organic label, packaging supplier												

Doc Ref. QMS 3.9	Version No. 1.1	Issue Date: 28/03/2023
Review Date: 12/07/2023		