

# S pecification

## Specifications sheet

### Organic Coconut Sugar

Product Name	Organic Coconut Sugar
Botanical name	Cocos Nucifera
Materials Used	Coconut sap Nira
Definition	
Description	Natural sweetener made from nectar Produced from the flowers of coconut palms (Cocos nucifera). Can be used as a substitute for white sugar, the appearance of grains or granules
Characteristics	
Appearance	Grains / granules
Flavor	Coconut Caramel Flavor
Aroma	unique coconut
Color	Yellowish brown, light brown
Type Process	Organic
Home Products	Indonesia
Brand / Brand	Gendis Manis / Gulafit / Organic Coconut Sugar
Size Mes	14-16 / inch (1.8mm -1.5mm)
Packaging	2x10kg / carton box / 2x12,5 kg (other packing size are welcome)
Capacity / fd	
Wood Pallet Load	20 'FCL 12 MT 40 'FCL 20 MT
Floor Load	20 'FCL 15 MT 40 'FCL 24 MT
Purity	
ash	2-3% v / w
Total Sugar	> 80% v / w
sucrose	=10% v / w
Sugar reduction	
fructose	3-5% v / w
glucose	2-5% v / w
Water content	= 3% v / w
Microbiology	
Total Plate Count	<1 x 10 <sup>5</sup> cfu / gr
Ragi	<1 x 10 <sup>4</sup> cfu / g
Cetakan	<1 x 10 <sup>4</sup> cfu / g
Samonella	Negative in 25 g
Escherichia Coli	Negative in 11 g
Cu Element	No more than 0.0001%
Pb Element	No more than 0.0001%
Age Products	2 years
Loading Ports	Tanjung Emas Semarang - Indonesia



# C

Coconut Sugar in Indonesia is familiar with Java sugar is a term used to label coconut sugar in crystalline form. Coconut sugar has its own advantages, namely in the form of tiny crystals easily soluble in hot or cold water, in addition to the sugar crystals can be made into a variety of flavors with different properties, for example:

1. Original Coconut Sugar can purify the blood, heals wounds, Troubleshooting digestion, prevent anemia, Overcome Thrush, Relieves Cough & Fever.
2. Coconut Sugar Flavor Ginger can prevent and cure colds, coughs, flatulence and prevent colds and as body warmers.
3. Coconut Sugar Flavor Curcuma can prevent and cure stomach pain, Increase appetite, Gout.
4. Coconut Sugar Flavor Java Ginger can increase blood circulation, prevent and reduce heat, uric acid, cholesterol, constipation and draining wounds, and Fix improve liver function.
5. Coconut Sugar Flavor Turmeric can treat and smooth the skin, cleanse and blood circulation, reduce menstrual pain, ulcers, cholesterol and jaundice.



# Our Future Health



# gulanee

ORGANIC COCONUT SUGAR

100% Pure Evaporated Coconut Sugar

LOW GI



12220004831118

# **P**roduct & Retail



*Coconut Block Sugar*

Organic Coconut Block Sugar is only different from its granulated sister in physical form. Blocks are slightly more moist by a few % and they come in a moulded shape.

Excellent for : Spreads, jams, soft/chewy confections, everything else



*Coconut Sugar Crystal*

Natural sweetener made from the nectar produced from flowers coconut tree (*Cocos nucifera*). It can be used as a substitute for white sugar, granule appearance, Light Brown Color & Aroma Unique Coconut. Size Mesh 14 - 16/inch (1.8mm-1.5mm)



*Coconut Sugar Ginger Flavor*

*Organic Coconut Sugar Original*



Naturally low on the glycemic index (GI about 35), unrefined and high nutrient  
A healthy alternative to high fructose sweeteners

Coconut Sugar has a soft caramel flavor, similar to light brown sugar; Dissolves in liquid  
Packaged in a stand up resealable pouch

*Coconut Sugar Java Ginger Flavor*



*Flavor*

Rp. 26.000/200g  
\$ USD 1,84 /200g



*Coconut Sugar Turmeric Flavor*

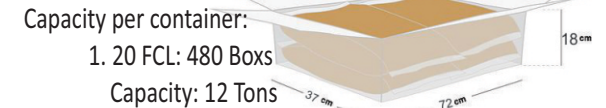


*Flavor*

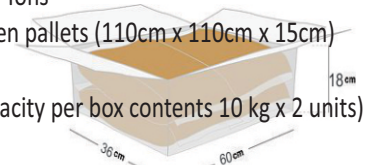


# **P**acking & Bulk

1. Packaging 25 kg capacity per box of 12.5 kg x 2 units)  
Packaging that we use:  
\* Doublewall craft box size 72 cm x 36 cm x 18 cm (K275 / K150 / K200)  
\* PE Plastic Bag size 0,12mm x 30 cm x 95 (12.5 kg)



- Capacity per container:
1. 20 FCL: 480 Boxes  
Capacity: 12 Tons  
Using wooden pallets (110 cm x 110 cm x 15 cm)
  2. 40 FCL: 960 Boxes  
Capacity: 24 Tons  
Using wooden pallets (110cm x 110cm x 15cm)



2. Packaging 20 kg capacity per box contents 10 kg x 2 units)  
Packaging used:  
\* Doublewall craft box size 60cm x 37cm x 19 cm (K275 / K150 / K200)  
\* PE Plastic Bag size 0,12mm x 36 cm x 75 cm (10 kg)

Capacity per container:

1. 20 FCL: 500 Boxes  
Capacity: 10 Tons  
Using wooden pallets (110 cm x 110 cm x 15 cm)
2. 40 FCL: 1000 Boxes  
Capacity: 20 Tons  
Using wooden pallets (110cm x 110cm x 15cm)



## About Us

We are a company engaged in Processing of Agricultural Products, Especially Products Organic Coconut each element of macro-nutrient rich and so good for the future of our health!

While Palm trees can produce all the above, we at Kirey Natural focus on the process of making the best sweetener Indonesia quality coconut based origin.

We are direct supplier and manufacturer in Indonesia Organic Coconut Sugar - or what we like to call, in Indonesia (Gula Semut). Current best alternative sweetener

Through our integrated approach of supply chain management, we are working with more than 1,700 farmers in Yogyakarta and java, we implement organic farming methods, training consistent manufacturing practices are valuable - and together with the team of the Internal Control System, we carrying out strict control throughout our production process to ensure that our products meet our customer's expectations of quality standards. We make sure, we have in each sack filling and every batch we shipment.

We care so much in the quality of products, and we dedicate our long-term focus in advancing every step of this process as much as possible, continue to strive for improvement in order to produce the best quality products. It is our promise to you.



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## What's that Coconut Sugar & How to made ?

1. Cutting on the sap of the coconut flower and liquid (oil Nira) were collected into a bamboo container carried by a group of farmers
2. Cooking coconut sap with a furnace that has always been stable combustion flame lit continuously until the sap of coconut sugar cooked into a ready printed or in the process of coconut sugar crystals.
3. Sifting or screening (screening / seiving) coconut sugar crystals with 14-16 mesh / inch (1.8mm-1.5mm)
4. Drying with engine temperature and the oven with a specific quantity corresponding to meet the needs of customers or buyers.
5. Packaging (Packaging)

## Nutrition Fact

### Nutrition Facts

Serving Size 4gr  
Serving Per Container 62.50

Amount Per Serving

Calories 16 Calories from Fat 0

**Total Fat** 0g **0%**

Saturated Fat 0g **0%**

Trans Fat 0g

**Cholesterol** 0mg **0%**

**Sodium** 9mg **0%**

**Total Carbohydrates** 5g **2%**

Dietary Fiber 0g **0%**

Sugars 4g

**Protein** 0g

Vitamin A 0% Vitamin C 0%

Calcium 0% Iron 0%

\*Percent Daily Value are based on a 2,000 calories diet. Your daily values may be higher or lower, depending on your calories needs

#### INGREDIENTS :

Organic Coconut Sugar



## Excellence of Coconut Sugar

Coconut sugar has several advantages compared to other coconut sugar, among others :

1. The shape of the crystals and soluble.
2. Coconut Sugar can be added various kinds of natural spices such as ginger, turmeric, curcuma, so that it can be used as a natural sweetener beverage
3. Higher economic value and has a distinctive aroma.
4. Coconut sugar has a longer life - up to 2 years (with a water content of 2-3% with sealed packaging).

  
**gulaneer**  
ORGANIC COCONUT SUGAR

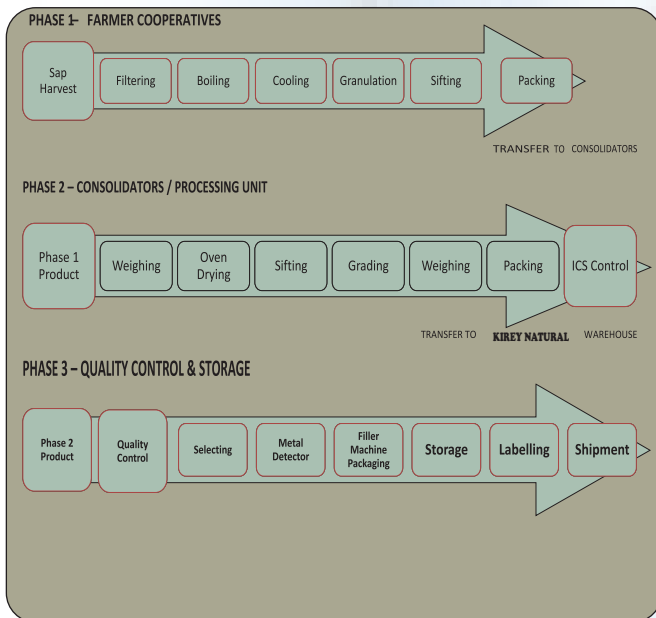


## Organic Promise

Chemical free, pesticide free, artificial free and no nasties added. That's the organic promise we make for our coconut sweetener product. We comply with USDA, EU, International organic standards and train our farmers with valuable harvesting and processing practices. An ICS (Internal Control System) agent is also implemented to check and maintain the product quality and processing guidelines conducted by the farmers, ensuring every delivery sent is always of superior quality as promised.

## Flowcharts

### ORGANIC PREMIUM PURE COCONUT SUGAR



## The Farmer

Kirey Production thrives because coconut sugar farmer skilled in their profession involves climbing 30 coconut trees on average.

When Kirey Production step, many farmers are accustomed to practices such as the use of coconut sugar in organic preservatives, and does not have quality control and guidance that lead to inconsistency in the market products that flight

This is not an easy task to modify this culture, but we are now happy to say that has been a coordinated effort, in order to improve the quality and consistency throughout our sweetener product, has paid off. The benefits of deep-left by farmer themselves, with their families and their communities.



Though our work, Kirey Natural has allowed profitability while improving the quality of life in the community that after struggling to make a living. What we're working with here is really quite amazing.

## Cooking

Cooking coconut sap with a furnace that has always been stable combustion flame



Sifting or screening coconut sugar crystals with 14-16 mesh / inch (1.8mm-1.5mm)

Drying with engine temperature and the oven with a specific quantity



## Many of the benefits

Many of the benefits of sugar to; what is this, a positive effect on its merits. Some of the benefits that can be obtained, when we consume, among others: Instead of white sugar, coconut sugar is very tasty when used as a sweetener in other drinks or tea and coffee, and taste (unique)

1. According to the sugar content of the coconut research is quite good compared to sugar made from other materials, high-calorie side effects and no adverse effects on the body.
2. In addition to glucose, contained crude protein, mineral, vitamin, riboflavin, thiamine, phosphorus and calcium.
3. As the sense amplifier and amplifier of health drinks.
4. This drink is very beneficial not only for physical fitness, but also friendly to the usual sweetener, coconut sugar is often used in industrial bread, pastries, ketchup, syrup, baby food and other food.
5. Can be used not only sweet but also a beautiful brown color to reinforce the physical appearance of food, for food decoration or Garnish.

