



# PRODUCT SPECIFICATION

Doc. No.: QA-PS-01

Rev. No.: 09 / Issue Date: 16.11.21

Effective Date: 16.11.21

Supersedes: 06.03.20

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PRIMEX COCO PRODUCTS INC.

**Non - Sulfited Desiccated Coconut, Granulated (Macaroon/Fine, Medium, Extra Fine, Macaroon-Medium Blend) – All Gold**

*“This specification sheet applies to coconut manufactured at either Primex Coco Products or Coco Davao”*

**Product Description:** The finished product is produced from the fresh full-fat white meat of the matured coconut (*Cocos nucifera*).

**Process Description:** Granulated desiccated coconut is obtained by processing through granulating, blanching and drying, so as to be suitable for human consumption.

**Product Origin:** Philippines

**Allergen Declaration:** Contains coconut

<b>Ingredients:</b>	<u>Components</u>	<u>% in the recipe</u>	<u>Function</u>	<u>Country of origin</u>
	Coconut	100	Raw material	Philippines

<b>Sensory Attributes:</b>	<u>Specification</u>	<u>Method</u>
Appearance	Granulated, free flowing	Visual
Colour	White	Visual & Lovibond Tintometer
Taste	Sweet coconut taste without off flavour	Organoleptic
Odour	Sweet coconut without off odour	Organoleptic

**Chemical Characteristics:**

<u>Parameter</u>	<u>Limits</u>	<u>Test Method</u>
Moisture	3.0% max.	Infrared drying/ Moisture analyzer
Fat content	65.0 – 69.0%	AOAC 948.22
FFA (as oleic)	0.15% max.	AOAC 940.28
Peroxide Value	3 meq/kg	AOAC 965.33
pH	6.1 – 6.7%	Electrometric/ pH meter
SO <sub>2</sub> Residual (ppm)	Nil	Monier Williams

**Contaminants:**

	<u>Target</u>	<u>Test Method</u>
<b>*Mycotoxins:</b>		
Aflatoxin B1	2 ppb	*According to the test method used in the third party laboratory, tested annually
Aflatoxin sum of B1, B2, G1, and G2	4 ppb	
*Lead	0.10 mg/kg	
*Cadmium	0.050 mg/kg	



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### Reference

Heavy Metals & Mycotoxins

Complied with Codex General Standard for Contaminants and Toxins in Food and Feed (Codex Stan 193-1995) and COMMISSION REGULATION (EC) No 1881/2006

Pesticide Residue

Complied with Commission Directive 2002/66/EC of 16 July 2002 for maximum limits of Pesticide residue/ EU Pesticide Database

### Microbiological Characteristics:

#### Parameter

#### Specification

#### Test Method

Aerobic Plate Count

5,000 cfu/g max.

BAM Online

Yeasts

50 cfu/g max.

BAM Online

Moulds

50 cfu/g max.

BAM Online

Coliform

10 cfu/g max.

BAM Online/Merck Manual

Escherichia coli

<10 cfu/g

BAM Online

Salmonella

Absent in 375 g (n=no. of samples)

BAM Online

### Physical Granulation:

(Sifting Test) 100 grams sample sifted for five (5) minutes in a sieve shaker machine using the following U.S. Standard Screens:

U.S. Screen No. Standard (mm)		6 (3.36 mm)	10 (2 mm)	12 (1.68 mm)	14 (1.40 mm)	16 (1.18 mm)	20 (0.85 mm)	30 (0.60 mm)	Pan
Macaroon/ Fine	Min.	XXX	0.0%	XXX	1.0%	13.0%	33.0%	21.0%	2.0%
	Max.	XXX	0.0%	XXX	10.0%	26.0%	50.0%	32.0%	12.0%
Medium	Min.	0.0%	2.0%	15.0%	XXX	40.0%	3.0%	XXX	2.0%
	Max.	1.0%	20.0%	40.0%	XXX	65.0%	15.0%	XXX	6.0%
Extra Fine	Min.	XXX	XXX	XXX	0.0%	XXX	XXX	80.0%	XXX
	Max.	XXX	XXX	XXX	0.0%	XXX	20.0%	XXX	XXX
Mac-Med Blend	Min.	XXX	0.0%	XXX	10.0%	10.0%	30.0%	9.0%	2.0%
	Max.	XXX	1.0%	XXX	25.0%	25.0%	45.0%	30.0%	6.0%

### Physical Contaminants:

#### Target

#### Test Method

**\*\*Impurities/ Foreign Materials**

Zero

Visual Inspection/ Magnets/ Metal Detection

*\*\*All matters that are foreign other than extraneous matter (inherent to the coconut) such as stones, soil, animal contaminants, etc.*



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**Lot Code** 210080351-1 means:  
**Interpretation:** 21 = year 2021  
008 = Julian date (January 8)  
0 = represents the product produced for 3 shifts or one-day production  
351 = bag number  
-1 = line number where the product produced

**Packaging:** Food grade blue polyethylene liner in multi-wall Kraft bag

**Pack Sizes:** 25 lbs., 50 lbs. & 100 lbs. or any pack size required by the customer

**Shelf life:** One (1) year from manufacturing date under the below-mentioned conditions in a closed packaging.

**Storage Conditions:** Store on pallets, in cool, dry, out of direct sunlight, free from infestation, and away from walls. Max. of 35°C and 80% RH

**Dietary Data:** Kosher and Halal Compliant

**Quality System Certification:** The product is prepared in accordance with cGMP standards, BRC Global Standard for Food Safety.

**Conforme:**

Company	Name of Signatory	Position	Signature	Date