FINISHED PRODUCT SPECIFICATIONS

GEM® TENDER FLAKE

DESCRIPTION: Gem Tender Flake is desiccated, unsweetened long feathery flakes of coconut. It is produced from fresh coconut meat carefully dehydrated to retain the full natural fat and flavor.

INGREDIENTS: Coconut and sodium metabisulfite (retain whiteness).

PHYSICAL:

Size
- Width, inch: 3/32 to 1/8
- Thickness, inch (ave.): 0.018

Granulation: Typical distribution when 100-gram sample is shaken for 5 minutes on a sieve shaker equipment equipped with the following U.S. Sieve Designation

Sieve Designation		
Alternate	Standard (mm)	% Retained
4	4.75	6 max.
8/10/12	2.36/2.00/1.70	80 min.
14/20	1.40/0.85	12 max.
Pan	< 850 µm	2 max.

Specks Count (per 50 g sample)
- Paring specks: 3
- Discolored specks: 19

SENSORY:
- Color: White to light creamy white
- Flavor: Mild, fresh characteristic of coconut with no off-flavors

ANALYTICAL:

Parameter	Limits	Test Method
Moisture, %	4.1 max.	AOCS, Brabender Oven/AOCS 2a-38, Halogen Heating/Modified ISO 665:2000
Fat, % dry basis	65 to 71	AOCS Aa 4-38
Free Fatty Acid, % dry basis	0.15 max (as oleic)	AOAC 940.28/AOCS Aa 6-38
pH (10% aqueous solution)	6.1 to 6.7	AOAC 981.12
Sulfite Residual, ppm SO_2	150 max.	Modified AOAC 990.28

MICROBIOLOGICAL:

Parameter	Value /Tolerance	Test Method
Aerobic Plate Count	5,000 cfu per gram, max	BAM Chapter 3 8th ed.
Coliform	<10 MPN per gram	BAM Chapter 4 8th ed./
	<10 cfu per gram	AOAC 991.14
E. coli	None Detected (<3.0 MPN/ gram)	BAM Chapter 4 8th ed./
	None Detected (<10 cfu/gram)	AOAC 991.14
Yeast	100 cfu per gram max.	BAM Chapter 18 8th ed./AOAC995.21
Mold	100 cfu per gram, max.	BAM Chapter 18 8th ed./AOAC 995.21
Staphylococcus (C.P.)	100 cfu per gram, max.	AOAC 2003.11
Salmonella *	None Detected in 2 x 375 grams	AOAC 2003.09/AOAC 2016.01

* Based on Sampling Plans for Combinations of Degrees of Health Concern and Conditions of Use Case 14, Microorganisms in Foods 7, International Commission of Microbiological Specifications for Foods (ICMSF)

PACKAGING: Blue polyethylene liner in multi-wall kraft bag

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CODING / LOT NUMBER / PACK DATE:

Code Date 8298D means:

- 8 last digit of the calendar year when the product was produced/packed, i.e. 2018
- 298 day of the year when the product was produced/packed, i.e. Oct 25 (001-Jan 1,…,365-Dec 31)
- D manufacturing plant where the product was produced, i.e. Emerald (L-Sapphire, D-Emerald, DV-Diamond)

  Sapphire: San Pablo, Laguna, Philippines
  Emerald: Coronon, Sta. Cruz, Davao Del Sur, Philippines
  Diamond: Darong, Sta. Cruz, Davao Del Sur, Philippines

PACK SIZES:

Pack size	EAN Numbers
80 lbs	4800630 19041 8
75 lbs	4800630 19124 8
50 lbs	4800630 03014 1
25 kg	4800630 02180 4
25 lbs	4800630 19125 5

SHIPPING: Dry, ambient condition. Avoid prolonged exposures to high storage temperatures (above 29ºC/85ºF) for optimum shelf life.

STORAGE: 55 ± 5ºF (13 ± 3ºC) and 50 % RH. Store on pallets or dunnage, in cool, dry, odor-free area, out of sunlight, and away from walls.

MAXIMUM QUANTITY PER CONTAINER VAN:

Pack size	20'ft van (bags)	40'ft van (bags)
80 lbs	300	600
75 lbs	300	684
50 lbs	530	1100
25 kg	480	1000
25 lbs	920	1840

SHELF LIFE: Best before date is 18 months under recommended storage conditions.

DIETARY DATA: Kosher and Halal Compliant

CONFORME:

Customer Name	Printed Name	Signature	Date

This product does not require a Material Safety Data Sheet to be in compliance with OSHA regulations.
It is a food-grade product, which is intended for edible uses. It is not a health, safety or toxic hazard.
In addition, it is subject to the U.S Federal Food, Drug and Cosmetic Act.

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NUTRITION INFORMATION:

Basic Components			Vitamins & Minerals		
NUTRIENT	**UNIT**	**Per 100 grams**	**NUTRIENT**	**UNIT**	**Per 100 grams**
Calories	Kcal	660.0	Vitamin A	IU	0
	kj	2761.44	Vitamin C	mg	1.50
Protein	g	6.880	Thiamine	mg	0.06
Total Carbohydrate	g	23.650	Riboflavin	mg	0.10
Total Fat	g	64.530	Niacin	mg	0.603
SFA (total)	g	57.218	Vitamin B_6	mg	0.3
MUFA (total)	g	2.745	Folate	mcg	9.0
PUFA (total)	g	0.706	Vitamin B_{12}	mcg	0
Trans Fatty Acid	g	0	Pantothenic Acid	mg	0.8
Cholesterol	mg	0	Calcium	mg	26.0
Total Sugars	g	7.35	Iron	mg	3.32
Added Sugar	g	0			
Moisture	g	3.0	Phosphorus	mg	206.0
Dietary Fiber	g	16.3	Magnesium	mg	90.0
Fiber (crude)	g	3.94	Zinc	mg	2.01
Ash	g	1.94	Copper	mg	0.796
Others			Sodium*	mg	41.45
Caffeine	mg	0	Potassium	mg	543.0

Reference: U.S. Department of Agriculture, Agricultural Research Service. 2010. USDA National Nutrient Database for Standard Reference, Release 28. Nutrient Data Laboratory Home Page, http://www.ars.usda.gov/ba/bhnrc/ndl

*Calculated data based on ingredient technical data sheet