

PRODUCT SPECIFICATION

ORGANIC COCONUT SYRUP

Description: Coconut Sap Syrup

Ingredients: 100% Organic coconut Sap

Product of: Philippines

Physical Analysis:

Appearance and Colour: Light or Dark Brown viscous liquid

Flavour and Aroma: Natural fresh coconut flavour with no-off odour

Chemical Analysis		
Analyte per 100g	Result	Method
Moisture, g	21.1	AOAC 925.45A
Ash, g	1.6	AOAC 950.49
Energy*, kcal	310	Computed using Atwater Factors
Total Fat, g	0.1	Acid Hydrolysis (Tecator)
Total Carbohydrate*, g	76.3	Computed by Difference
Total Dietary Fiber, g	0.6	AOAC 991.43
Protein, g	0.9	Automated Kjeldahl Method (Buchi)
Sodium*, mg	111.0	AOAC 985.35 (Modified)
Iron, mg	0.5	AOAC 985.35 (Modified)
Calcium, mg	2.8	AOAC 985.35 (Modified)
Potassium*, mg	996.4	AOAC 985.35 (Modified)
Zinc*, mg	0.7	AOAC 941.15 (Modified)

Source: FNRI-DOST (Philippines) as of Dec. 2009

Amino Acid Profile/ Average Analysis (per 100 grams)	
Amino Acid	Result
Aspartic Acid	140 mg
Threonine	<100 mg
Serine	<100 mg
Glutamic Acid	504 mg
Proline	<100 mg
Glycine	<100 mg
Alanine	<100 mg
Valine	<100 mg
Methionine	<100 mg
Isoleucine	<100 mg
Leucine	<100 mg
Tyrosine	<100 mg
Phenylalanine	<100 mg
Histidine	<100 mg
Lysine	<100 mg
Arginine	<100 mg
Ammonia	<100 mg
Total Amino Acids	644mg

Source: Medallion Labs (USA)

	Result
Glucose, % w/w	10.3
Fructose, % w/w	11.8
°Brix Value (°BX)	75.4
Total Sugars g/100g	74.2

Source: ITDI-DOST (Philippines)

Inulin/FOS	< 500 mg/100g
Inositol	200 mg/100g

Source: Medallion Labs (USA)

Glycemic Index (GI)	39 (LOW GI)
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Source: FNRI-DOST (Philippines) In Vivo Live Human Test

Heavy Metal Test

Arsenic, ppm	ND
Mercury, ppm	ND
Lead, ppm	ND
Cadmium, ppm	ND

Source: Intertek Lab (Philippines)

Microbiological Analysis	
Standard Plate Count	<10 cfu/g
Coliform	<10 cfu/g
<i>Escherichia coli</i>	<10 cfu/g
Yeast and Mold	<10 cfu/g
<i>Salmonella</i>	negative
<i>Staphylococcus aureus</i>	<10 cfu/g

Source: Intertek Lab (Philippines)

Water Activity @ 24.8°C	0.65 to 0.71
Moisture, %	22.36
Titrateable Acidity, %	0.28
pH Value 10% Solution	4.43
Sodium Benzoate, ppm	ND

Source: Intertek Lab (Philippines)

STORAGE AND SHELF LIFE

Clean, dry, cool area, free from infestation. Product is stable for 48 months if stored at ambient temperatures (20° - 25°C)

PACKAGING

250ml, 2.5L, 20L Carboys,
200L Food-Grade HDPE Plastic Drums

NUTRITIONAL INFORMATION		
Typical analysis, to be used as a guide only		
Average Quantities	Per 5ml Serve	Per 100ml
ENERGY	94kJ	1882kJ
PROTEIN	0.05 g	1.0 g
FAT TOTAL	0 g	0 g
- SATURATED FAT	0 g	0 g
- TRANS FAT	0 g	0 g
CHOLESTEROL	0 g	0 g
CARBOHYDRATE	5.5 g	111 g
- SUGARS	5.4 g	108 g
SODIUM	8 mg	161 mg

