

SAMOAN GOLD NONI JUICE - PRODUCT SPECIFICATION – SEPTEMBER 2005

Botanical name:	Morinda Citrifolia
Product:	Noni Fruit Juice
Standard:	100% pure, pasteurized juice
Plant Part:	Prepared from whole ripe fruit
Appearance:	Free flowing liquid
Color:	Reddish brown
Odor:	Slight sweet, fruity, slightly acid
Taste:	Characteristic noni – moderately Bitter/astringent
Process:	Standard Juice Extraction from Aged Fruit

MICROBIOLOGICAL PROFILE

Aerobic Plate Count cfu/g	<100
Anaerobic Plate Count cfj/g	<1
Coliforms cfu/g	<1
Escherichia coli cfu/g	<1
Salmonella /25g	Not detected
Enterobacteriaceae cfu/g	<1
Lactic Acid Bact.	<1 - <10
Yeast cfu/g	<1
Mould cfu/g	<1
STORAGE: Normal ambient temperatures. Ideal temperature range, 25°C-35°C	
SHELF LIFE: 2 years under proper storage.	

COMPOSITIONAL PROFILE

PROXIMATE	CONTENT	UNIT
Total Solids	6.0 – 7.0	g/100g
Protein	0.6 – 0.9	g/100g
Ash	0.7 – 0.9	g/100g
Total Fat	0.01 – 0.03	g/100g
Total Carbohydrate	4.0 – 6.0	g/100g
Dietary Fibre	<1	g/100ml
Ethanol	<0.3	% v/v
Fructose	0.8 – 1.0	% m/m
Glucose	1.5 – 2.0	% m/m
Sucrose	<0.1	% m/m
Lactose	<0.1 – 1.0	% m/m
Maltose	<0.5	% m/m
Active Polysaccharides	1.3 – 1.7	%
Energy	80-105	kJ/100g
Specific Gravity	1.027	
ph	3.8 – 4.0	
Brix RF	7.5 – 8.5	
Water Activity	0.93	

VITAMINS

Vitamin C	1.3	mg/100g
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MINERALS

Calcium	6 – 7.5	mg/100g
Magnesium	19 - 21	mg/100g
Sodium	20 - 22	mg/100g
Potassium	240 – 350	mg/100g
Arsenic	<0.007	mg/100g
Cadmium	<0.001	mg/100g
Lead	<0.011	mg/100g
Mercury	<0.001	mg/100g
Zinc]	<0.084	mg/100g

OTHER TESTS

Beta Carotene	<5	ug/100ml
Beta Carotene as Retinal Equivalents	<1	ugRE/100ml
Isoflavones:		
Diadzin, Diadzein, Glycitin]	All <0.1	mg/100ml
Glycitein, Genistin, Genistein]		