

**SAMOAN GOLD NONI FRUIT POWDER
PRODUCT – SPECIFICATION SEPTEMBER 2005**

Product:	Noni fruit powder sun dried, not sterilized
Country of origin:	Samoa
Species:	Morinda citrifolia
Plant part:	Whole fruit
Colour:	Typical, characteristic medium grey/brown
Odour:	Typical, characteristic – noni
Taste:	Typical, characteristic – noni
Form of fruit before milling:	Sun dried cut fruit
Appearance:	Fine powder
Particle size:	1000 micron, 800 micron, 500 micron
Storage:	Store in cool dry area away from direct light
Shelf life:	Up to 2 years if stored correctly

MICROBIOLOGICAL

Aerobic Plate Count (35C) cfu/g	26000 - 58000
Anaerobic Plate Count 55C cfu/g	<10
Coliforms cfu/g	<1
Escherichia coli cfu/g	<10
Yeast cfu/g	<1
Mould cfu/g	12.0 - 2000
Salmonella /25g	Not detected
Enterobacteriaceae cfu/g	<1

**COMPOSITIONAL PROFILE – RANGE
PROXIMATE**

	Content	Unit
Protein	7.0 – 7.1	% m/m
Ash	5.9 – 6.4	% m/m
Fat	4.1	% m/m
Moisture	7.4	% m/m
Carbohydrate (by difference)	75	% m/m
Fructose	3.0 – 3.7	%m/m
Glucose	2.9 – 3.7	%m/m
Sucrose	0.5 – 0.6	%m/m
Lactose	<0.1	%m/m
Maltose	<0.5	%m/m
Energy	370	Kcal./100g
PH	4.44 – 4.7	
Soluble Polysaccharides	5.0 - 8.0	% m/m
Total Sugars	6.0 – 7.0	% m/m
Soluble Solids	29.7 – 31.5	% m/m
Insoluble Solids	61.1	% m/m

MINERALS

Iron	9.3 – 16.5	mg/100g
Magnesium	230 – 300	mg/100g
Sodium	140 - 300	mg/100g
Potassium	2200-2500	mg/100g
Sulphur dioxide	<0.5 - <1.0	mg/100g
Zinc	8.0 – 12.0	mg/100g
Arsenic	0.008-0.009	mg/100g
Cadmium	0.0020-0.0023	mg/100g
Lead	0.01 – 0.038	mg/100g
Mercury	<0.001	mg/100g
Copper	0.94 – 2.9	mg/100g