

Moringa Fortified Honey

Our Natural Organic Honey is infused with Moringex® Moringa Extract to create our delicious and highly nutritious Moringa Fortified Honey

The ratio used in our superb mixture is 10g Moringex to 1kg honey.

The full analysis of the Moringa extract and the Honey is listed below.

HONEY ANALYSIS		
Lactone	3.5	meq/kg
Free acid	37.9	mmol/kg
Total acid	41.4	meq/kg
Ph	4.6	pH
Fructose	40.1	g/100 g
Glucose	31.6	g/100 g
Fructose & glucose	71.8	g/100 g
F/G-ratio	1.27	
Sucrose	1.30%	g/100 g
Moisture	16.1	%
HMF	22.9	mg/kg
Diastase	9.5	DZ
Colour	70	mm Pfund
51-85 mm: equivalent to "light amber"		

MORINGEX MORINGA EXTRACT		
Table 1. Chemical composition of Moringa extract powdered		
Nutritive value	Extract	Std error
Moisture (%)	9.533	0.194
Crude protein (%)	30.29	1.480
Fat (%)	6.50	1.042
Ash (%)	7.64	0.433
Neutral detergent fibre (%)	11.40	0.425
Acid detergent fibre (%)	8.49	0.348
Acid detergent lignin (%)	1.8	2.204
Acid detergent cellulose (%)	4.01	0.101
Condensed tannins (mg/g)	3.12	0.104
Total polyphenols (%)	2.02	0.390

MORINGEX MORINGA EXTRACT		
Table 2. Mineral contents of Moringa extract powdered		
Amino acid	Quantity (mean+/- %)	Std error
Arginine	1.78	0.010
Serine	1.087	0.035
Aspartic acid	1.43	0.045
Glutamic acid	2.53	0.062
Glycine	1.533	0.060
Threonine*	1.357	0.124
Alanine	3.033	0.006
Tyrosine*	2.650	0.015
Proline	1.203	0.006
HO-Proline	0.093	0.006
Methionine*	0.297	0.006
Valine*	1.413	0.021
Phenylalanine*	1.64	0.006
Isoleucine*	1.177	0.006
Leucine*	1.96	0.010
Histidine*	0.716	0.006
Lysine*	1.637	0.006
Cysteine	0.01	0.000
Tryptophan*	0.486	0.001

*General essential amino acids.

MORINGEX MORINGA EXTRACT		
Table 3. Mineral contents of Moringa extract powdered		
Mineral	Extract	Std error
Macro-elements (%)		
Calcium %	3.65	0.036
Phosphorus %	0.30	0.004
Magnesium %	0.50	0.005
Potassium %	1.50	0.019
Sodium %	0.164	0.017
Sulphur %	0.63	0.146
Micro-elements (mg/kg)		
Zinc (mg/kg)	31.03	3.410
Copper (mg/kg)	8.25	0.143
Manganese (mg/kg)	86.8	3.940
Iron (mg/kg)	490	49.645
Selenium (mg/kg)	363.00	0.413
Boron (mg/kg)	49.93	2.302

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Table 4. FAME(% of total fatty acids) composition Moringa extract powdered		
	Quantity (mean+/- %)	Std error
Capric (C10:0)	0.07	0.064
Lauric (C12:0)	0.22	0.402
Myritic (C14:0)	1.91	1.633
Palmitic (C16:0)	24.65	0.625
Palmitoleic (C16:1c9)	0.22	0.056
Margaric (C17:0)	5.1	0.155
Stearic acid (C18:0)	3.37	0.406
Oleic (C18:1c9)	3.96	2.000
Vaccenic (C18:1c7)	0.36	0.038
Linoleic (C18;2c9,12(n-6)	8.31	0.014
Eicosatrienoic C20:3c11,14,17(n-3)	0.14	0.000
Nonoadecanoic C19:0	0.11	0.000
g-Linolenic (C18:3c6,9,12 (n-6)	0.20	0.013
α-Linolenic (C18:3c9,12,15(n-3)	43.31	2.803
Arachidic (C20:0)	0.94	0.105
Heneicosanoic (C21:0)	6.26	0.194
Behenic (C22:0)	1.53	0.383
Tricosanoic (C23:0)	0.15	0.025
Lignoceric (24:0)	3.79	0.000
Total saturated fatty acids (SFA)	44.89	0.815
Total mono unsaturated fatty acids (MUFA)	3.37	1.984
Total poly unsaturated fatty acids (PUFA)	51.75	2.792
Total Omega-6 fatty acids (n-6)	8.31	0.012
Total Omega-3 fatty acids (n-3)	43.44	2.805
PUFA: SFA (PUFA:SFA)	1.15	0.096
n-6/n-3	0.19	0.016
PUFA: MUFA (PUFA:MUFA)	15.34	7.168

Table 5. Vitamin contents of Moringa extract powdered		
Mineral	Extract	Std error
Mg/100g		
Vitamin A-B carotene	16.3	1.304
Vitamin B1 thiamin	2.64	0.2112
Vitamin B2 riboflavin	20.5	1.64
Vitamin B3 nicotinic acid	8.2	0.656
Vitamin C ascorbic acid	17.3	1.384
Vitamin E tocopherol acetate	113	9.04