

CERTIFICATE OF ANALYSIS

Name of Customer : LAZZ AIN MARKETING SDN BHD
 Address : No 334-G, Jalan Senawang, Pusat Bandar Senawang1,
 70450, Seremban, Negeri Sembilan.
 Tel. No. : 013-3083354
 Sample Description : One (1) sample described as **SUSU KURMA**
 Sample Ref. No : U1384/20
 Date of Receipt : 10/08/2020
 Test performance date : 12/08/2020 – 28/08/2020

ANALYSIS RESULT

(As per sample)

Parameter, Unit	Result	Method Reference
Moisture (g/100g)	3.5	In house method No. STP/Chem/A04 based on AOAC 16 th Edi. 950.46
Ash (g/100g)	3.1	In house method No. STP/Chem/A05 based on AOAC 16 th Edi. 923.03
Total fat (g/100g)	21.1	In house method No. STP/Chem/A02 based on AOAC 16 th Edi. 991.36
Saturated Fat (g/100g)	14.4	AOAC 16 th Edi. 996.06 / GC-FID
Monounsaturated Fat (g/100g)	6.5	AOAC 16 th Edi. 996.06 / GC-FID
Polyunsaturated Fat (g/100g)	0.2	AOAC 16 th Edi. 996.06 / GC-FID
Trans- Fat (g/100g)	<0.1	AOAC 16 th Edi. 996.06 / GC-FID
Protein (g/100g)	2.9	In house method No. STP/Chem/A03 based on AOAC 16 th Edi. 981.10
Total Carbohydrate (g/100g)	69.4	In house method No. STP/Chem/A06, Calculation by factor
Calorie (kcal/100g)	479	In house method No. STP/Chem/A01 based on Pearson's The Chemical Analysis of Foods (6th Edition, page 578)
Dietary Fiber (g/100g)	10.1	AOAC 16th Edition, 991.43 – Enzymatic – Gravimetric Method – MES-TRIS Buffer
Cholesterol (mg/100g)	31.3	In house method no. STP/Chem/A15 based on The Malaysia Journal of Analytical Science, Vol 10 (2006) / HPLC
Total Sugar (g/100g)	5.3	AOAC 16 th Edi. 982.14 / HPLC-ELSD
Sucrose (g/100g)	1.9	
Vitamin A (β-carotene), mg/100g	1.0	In house method No. STP/Chem/A12 based on AOAC 16 th Edi. 960.45 – HPLC
Vitamin C (mg/100g)	7.0	In house method No. STP/Chem/A10 based on AOAC 16 th Edi. 967.21
Vitamin E (α-tocopherol),mcg/100g	14	HPLC
Calcium (mg/100g)	321.7	Microwave Digestion – ICP/MS
Iron (mg/100g)	6.1	Microwave Digestion – ICP/MS
Sodium (mg/100g)	459.4	Microwave Digestion – ICP/MS
Potassium (mg/100g)	713.6	Microwave Digestion – ICP/MS
Magnesium (mg/100g)	90.5	Microwave Digestion – ICP/MS



This report refers to the tested sample only. Sampling is not carried out by our organization. All analysis are carried out to the best of our knowledge and ability and our responsibility is limited to the correctness of the result. This report is issued on the understanding that it does relieve parties concerned from their contractual obligations. This report shall not be reproduced except in full without written approval of the laboratory

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ANALYSIS RESULTS (As per sample)

Parameter, Unit	Result	Test Method / Equipment / Technique
Manganese, mg/kg	0.58	Microwave Digestion – ICP/MS
Phosphorus, mg/kg	4908.3	Microwave Digestion – ICP/MS
Selenium, mg/kg	104.1	Microwave Digestion – ICP/MS
Magnesium, mg/kg	14.6	Microwave Digestion – ICP/MS
Zinc, mg/kg	5.85	Microwave Digestion – ICP/MS
Copper, mg/kg	0.70	Microwave Digestion – ICP/MS
Vitamin B1 (Thiamine), mg/100g	N.D (<0.002)	USP 23 – Water Insoluble Vitamin / HPLC
Vitamin B2 (Riboflavin), mg/100g	0.42	USP 23 – Water Insoluble Vitamin / HPLC
#Vitamin B3 (Niacin), mg/100g	N.D (<0.03)	USP 23 – Water Insoluble Vitamin / HPLC
Vitamin B5 (Pantothenic acid), mg/100g	N.D (<0.004)	USP 23 – Water Insoluble Vitamin / HPLC
Vitamin B6 (Pyridoxine), mg/100g	N.D (<0.002)	USP 23 – Water Insoluble Vitamin / HPLC
#Vitamin B7, mg/100g	N.D (<0.01)	Journal of Chromatography A, 870 (2000), Page 207-215
#Vitamin B9, mcg/100g	2.1	Journal of Chromatography A, 870 (2000), Page 207-215
#Vitamin B12, mcg/100g	N.D (<0.5)	Journal of Chromatography A, 870 (2000), Page 207-215
#Vitamin D (mcg/100g)	2.3	HPLC
#Vitamin k (mcg/100g)	4.5	HPLC
#Sialic Acid (ppm)	106.5	GBT30636 -2014

Remarks:

- a. %Total Carbohydrate = 100 – (%Ash + %Moisture + %Protein + %Fat)
- b. < : Limit of reporting
- c. N.D: Not Detected (Below detection limit)
- d. (#) = Test is subcontracted & not accredited
- e. Opened / balance samples will be discarded two weeks after issuance of Certificate of Analysis.


NOOR AZINAH MAMIN
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 Food Analyst No: MJMM 0622

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