

MY CO2 GROUP SDN BHD
202201032134 (1477831-M)**MY CO2 SDN BHD**
200601024684 (744438-M)**MY CO2 CERTIFICATION SDN BHD**
201601026813 (1197752-X)**MY CO2 (PG) SDN BHD | SAMM No. 384**
201701042071 (1256244-P)

16, Lengkok Kikik 1, Taman Inderawasih, 13600 Perai, Penang, Malaysia.

T: 04-380 8282

F: 04-380 8280

lmscompliance.com
www.myco2.com.my
enquiry@myco2.com.my**Certificate of Analysis**Lab Ref No.: **MYPG-LN01-085621**SN: **RS3028674908720514****NURUL AFIQAH BT IBRAHIM**
Chemist
IKM No.: M/5117/8403/19
AN1 : RA4077079208743750**KEE KAI LOON**
Microbiologist & Biotechnologist
Food Analyst No: MJMM 0469
AN2 : RA1643440140942581**BAYU GAGAH MARKETING (M) SDN BHD**LOT 33, JALAN HI TECH 4,
KULIM HI TECH PARK
09000 KULIM KEDAH
MALAYSIA

Date of Received: 2026-02-06

Date of Commence: 2026-02-06

Date of Completion: 2026-02-16

Date of Issue: 2026-02-16

Sample Marking: Madu Kelulut**Sample Description:** Food sample

ND denotes Not Detected

Test Description	Method or Equipment Used	Result(s)	Unit
Hydroxymethylfurfural (HMF) *	AOAC 980.23	34.2	mg HMF/kg
Plant Phenolic Content *	Method based On Folin-Ciocalteu and UV-Vis	1750.4	mg/kg
Sucrose *	In House Method Using High Performance Liquid Chromatography (HPLC) with Refractive Index Detector (RID)	ND <0.1	%w/w
Maltose *	In House Method Using High Performance Liquid Chromatography (HPLC) with Refractive Index Detector (RID)	ND <0.1	%w/w
Fructose *	In House Method Using High Performance Liquid Chromatography (HPLC) with Refractive Index Detector (RID)	19.6	%w/w
Lactose *	In House Method Using High Performance Liquid Chromatography (HPLC) with Refractive Index Detector (RID)	ND <0.1	%w/w
Glucose *	In House Method Using High Performance Liquid Chromatography (HPLC) with Refractive Index Detector (RID)	19.2	%w/w
Total Plate Count	FDA-BAM Chapter 3	2.0 x 10	cfu/g
Coliform (Petrifilm method)	AOAC 991.14	ND < 10	cfu/g

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0.4802 kgCO₂e/COA

Authentication

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Test Description	Method or Equipment Used	Result(s)	Unit
Escherichia coli (Petrifilm method)	AOAC 991.14	ND < 10	cfu/g
Salmonella	FDA-BAM Chapter 5	Absent in 25 g	
Coagulase Positive Staphylococcus aureus (Petrifilm method)	AOAC 2003.07	ND < 10	cfu/g
Yeast and Mold	FDA-BAM Chapter 18	ND < 10	cfu/g
Arsenic	In House Method MY/STP/450 Based On AOAC 2013.06, 21 st Edition	ND < 0.1	mg/kg
Cadmium	In House Method MY/STP/450 Based On AOAC 2013.06, 21 st Edition	ND < 0.1	mg/kg
Lead	In House Method MY/STP/450 Based On AOAC 2013.06, 21 st Edition	ND < 0.1	mg/kg
Mercury	In House Method MY/STP/450 Based On AOAC 2013.06, 21 st Edition	ND < 0.01	mg/kg
Moisture	AOAC 930.15, 17 th Edition	16.1	g/100g
Ash	AOAC 942.05, 17 th Edition	0.5	g/100g
pH *	APHA 4500-H+ B (2005)	3.3	

- END OF REPORT -

The above result(s) based on sample submitted. We shall not be responsible or liable for any damages or losses arising thereof.

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