

**MY CO2 GROUP SDN BHD**

202201032134 (1477831-M)

**MY CO2 (PG) SDN BHD** | SAMM No. 384

201701042071 (1256244-P)

**MY CO2 (KL) SDN BHD** | SAMM No. 564

201501029820 (1155142-M)

**MY CO2 (JB) SDN BHD** | SAMM No. 752

201501029979 (1155302-A)

**MY CO2 CERTIFICATION SDN BHD**

201601026813 (1197752-X)

**MY CO2 SDN BHD**

200601024684 (744438-M)

SAMM 384  
SAMM 564  
SAMM 752

ACB 039

16, Lengkok Kikik 1, Taman Inderawasih, 13600 Perai, Penang, Malaysia.  
40, 46, 48 & 50, Jalan Sepadu B25/B, 40400 Shah Alam, Selangor, Malaysia.  
15, Jalan Molek 1/8, Taman Molek, 81100 Johor Bahru, Johor, Malaysia.

T: 04-380 8282  
T: 03-5122 3366  
T: 07-355 8811

F: 04-380 8280  
F: 03-5122 3386  
F: 07-355 9808

lmscompliance.com  
www.myco2.com.my  
enquiry@myco2.com.my

**Certificate of Analysis**Lab Ref No.: **MYPG-LN01-054373**SN: **RS2146459585147192**

OOI KAH WAI

Chemist

IKM No.: L/2452/7352/16

AN1 : RA9653231681694814

KEE KAI LOON

Microbiologist &amp; Biotechnologist

Food Analyst No: MJMM 0469

AN2 : RA1246811003709451

**BAYU GAGAH MARKETING (M) SDN BHD**

LOT 33, JALAN HI TECH 4,

KULIM HI TECH PARK

09000 KULIM KEDAH

MALAYSIA

Date of Received: 2025-08-06

Date of Commence: 2025-08-06

Date of Completion: 2025-08-14

Date of Issue: 2025-08-15

**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                                                                                              | 11.8                  | mg HMF/kg |
| Plant Phenolic Content *      | Method based On Folin-Ciocalteu and UV-Vis                                                               | 1173.7                | 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) | 19.3                  | %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) | 18.4                  | %w/w      |
| Total Plate Count             | FDA-BAM Chapter 3                                                                                        | 1.4 x 10 <sup>2</sup> | cfu/g     |
| Coliform (Petrifilm method)   | AOAC 991.14                                                                                              | ND < 10               | cfu/g     |

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0.4802 kgCO<sub>2</sub>e/COA

Authentication



SAMM 384  
SAMM 564  
SAMM 752



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## Certificate of Analysis

Lab Ref No.: **MYPG-LN01-054373**

SN: **RS2146459585147192**

OOI KAH WAI  
 Chemist  
 IKM No.: L/2452/7352/16  
 AN1 : RA9653231681694814

KEE KAI LOON  
 Microbiologist & Biotechnologist  
 Food Analyst No: MJMM 0469  
 AN2 : RA1246811003709451

| 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<br>AOAC 2013.06, 21 <sup>st</sup> Edition | ND < 0.1       | mg/kg  |
| Cadmium                                                     | In House Method MY/STP/450 Based On<br>AOAC 2013.06, 21 <sup>st</sup> Edition | ND < 0.1       | mg/kg  |
| Lead                                                        | In House Method MY/STP/450 Based On<br>AOAC 2013.06, 21 <sup>st</sup> Edition | ND < 0.1       | mg/kg  |
| Mercury                                                     | In House Method MY/STP/450 Based On<br>AOAC 2013.06, 21 <sup>st</sup> Edition | ND < 0.01      | mg/kg  |
| Moisture                                                    | AOAC 930.15, 17 <sup>th</sup> Edition                                         | 15.6           | g/100g |
| Ash                                                         | AOAC 942.05, 17 <sup>th</sup> Edition                                         | 0.5            | g/100g |
| pH *                                                        | APHA 4500-H+ B (2005)                                                         | 2.8            |        |

### - 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.

