

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-B)



SAMM 384
SAMM 564
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ACB QMS 26
ACB OSH 10
ACB FSMS 09

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Certificate of Analysis

Lab Ref No.: **AL2311-D00371T1**

SN: **RS6601745412520820**

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Nyeoh Yeong Sheng

QA Manager

IKM No: L/1910/6319/12 Food Analyst No: MJMM0491

AN1: RA2771432557343065

PHYTOGAIA SDN BHD

#SUITE043, D1-0-03, BLOK D1

JALAN 1/152, OUG PARKLANE

KUALA LUMPUR KUALA LUMPUR

MALAYSIA

Poh Tze Kye

Laboratory Manager

IKM No.: M/2458/6147/11/12

AN2: RA1208609178544611

Date of Received: 2023-11-29
Date of Commence: 2023-12-01
Date of Completion: 2023-12-29
Date of Issue: 2024-01-03

Sample Marking: MCTGaia OS (Batch Number : PGMCTMM6040OS-112023001)
Sample Description: One food sample

Remark: ND = Not Detected

Test Description	Unit	Result(s)	Method or Equipment Used
Aerobic Plate Count	cfu/g	ND <10	FDA-BAM Chapter 3 (2001)
Total Yeast & Mold Count	cfu/g	ND <10	FDA-BAM Chapter 18 (2001)
Escherichia coli	cfu/g	ND <10	FDA-BAM Chapter 4 (2017) (Solid Medium Method)
Coliform	cfu/g	ND <10	FDA-BAM Chapter 4 (2017) (Solid Medium Method)
Salmonella	in 25g	Absent	FDA-BAM Chapter 5 (2018)
Staphylococcus aureus	cfu/g	ND <10	FDA-BAM Chapter 12 (2016) (Spread Plate Method)
Arsenic (as As)	mg/kg	ND <0.05	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES
Lead (as Pb)	mg/kg	ND <0.02	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES
Cadmium (as Cd)	mg/kg	ND <0.05	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES



N/A



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IKM No: L/1910/6319/12 Food Analyst No: MJMM0491

AN1: RA2771432557343065

Poh Tze Kye

Laboratory Manager

IKM No.: M/2458/6147/11/12

AN2: RA1208609178544611

Test Description	Unit	Result(s)	Method or Equipment Used
Mercury (as Hg)	mg/kg	ND <0.05	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES
Colour++		0.2 Yellow	MPOB P4.1:2004
Acid value / Acidity	mg KOH/g	0.02	MPOB P2.5: 2004
Peroxide Value	meq/kg	0.9	MPOB P2.3: 2004
Saponification Value	mg KOH/g	343.2	MPOB P3.1: 2004
Iodine Value	g I2/100g	ND<0.1	MPOB P3.2:2004
Hydroxyl Value*	mg KOH/g	4.5	AOAC 965.32 17th Ed
Moisture & Impurities	%w/w	ND < 0.1	MPOB P2.1 Part 1 : 2004 & MPOB P2.2 2004
Butanoic acid (C4: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Hexanoic acid (C6: 0)	%	0.10	AOAC 996.06, 20th Ed (2016)
Octanoic acid (C8: 0)	%	55.57	AOAC 996.06, 20th Ed (2016)
Decanoic acid (C10: 0)	%	43.82	AOAC 996.06, 20th Ed (2016)
Undecanoic acid (C11: 0)	%	0.06	AOAC 996.06, 20th Ed (2016)
Lauric acid (C12: 0)	%	0.17	AOAC 996.06, 20th Ed (2016)
Tridecylic acid (C13: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Tetradecanoic acid (C14: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Myristoleic acid (C14: 1n5)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Pentadecanoic acid (C15: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Pentadecenoic acid (C15: 1n5)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Palmitic acid (C16: 0)	%	0.15	AOAC 996.06, 20th Ed (2016)

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Poh Tze Kye

Laboratory Manager

IKM No.: M/2458/6147/11/12

AN2: RA1208609178544611

Test Description	Unit	Result(s)	Method or Equipment Used
Palmitoleic acid (C16: 1n7)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Heptadecanoic acid (C17: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Heptadecenoic acid (C17: 1n7)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Stearic acid (C18: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Elaidic acid (C18: 1n9t)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Oleic acid (C18: 1n9c)	%	0.14	AOAC 996.06, 20th Ed (2016)
Trans-linoleic acid (C18: 2n6t)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Linoleic acid (C18: 2n6c)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Arachidic acid (C20: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
γ - linolenic acid (C18: 3n6)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Eicosenoic acid (C20: 1)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
α - linolenic acid (C18: 3n3)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Heneicosanoic acid (C21: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Eicosadienoic acid (C20: 2n6)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Behenic acid (C22: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Eicosatrienoic acid (C20: 3n6)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Erucic acid (C22: 1n9)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Eicosatrienoic acid (C20: 3n3)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Arachidonic acid (C20: 4n6)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Tricosanoic acid (C23: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Docosadienoic acid (C22: 2n6)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Tetracosanoic acid (C24: 0)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)

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Test Description	Unit	Result(s)	Method or Equipment Used
Eicosapentaenoic acid EPA (C20: 5n3)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Tetracosenoic acid (C24: 1n9)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Docosahexaenoic acid DHA (C22: 6n3)	%	ND <0.01	AOAC 996.06, 20th Ed (2016)
Appearance*		Transparent liquid	Visual

– END OF REPORT –

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



N/A



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