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LABORATORY LOCATION:

(PERMANENT LABORATORY)



MY CO2 (KL) SDN. BHD. NO. 40, JALAN SEPADU B25/B 40400 SHAH ALAM, SELANGOR **MALAYSIA**

FIELDS OF TESTING: CHEMICAL, MICROBIOLOGY

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Potable & Domestic Water,	рН	APHA 4500 – H+ B (2005)
Ground Water, Mineral Water, Reverse Osmosis Water, Industrial / Cooling	Biological Oxygen Demand (BOD)	APHA 5210 B (2005) APHA 4500 – O.G
Purposes, Steam Raising / Boiler Water, Swimming	Chemical Oxygen Demand (COD)	APHA 5220 B (2005)
Pool Water & SPA, Surface Water and Drinking Water	Chemical Oxygen Demand (COD)	APHA 5220 D (2005)
	Suspended Solid	APHA 2540 D (2005)
	Oil and Grease	APHA 5520 B (2005)
	Temperature	APHA 2550 B (2005)
	Chromium Hexavalent	APHA 3500 – Cr B (2005)



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Potable & Domestic Water,	Cadmium	
Ground Water, Mineral Water, Reverse Osmosis	Calcium	
Water, Industrial / Cooling Purposes, Steam Raising /	Copper	
Boiler Water, Swimming Pool Water & SPA, Surface	Total Chromium	
Water and Drinking Water	Iron	
(cont.)	Lead	
	Magnesium	- АРНА 3111 В (2005)
	Manganese	(2000)
	Nickel	
	Potassium	
	Silver	
	Sodium	
	Tin	
	Zinc	
	Fluoride	APHA 4500 F – D (2005)
	Phenol	MY/STP/069 based on APHA 5530 B & APHA 5530 D (2005)
	Sulphide	APHA 4500 – S ²⁻ D (2005)
	Chlorine (Residual)	APHA 4500 CI-G (2005)
	Sulfide	APHA 4500 S ²⁻ C & F (2005)
	Cyanide	APHA 4500 CN ⁻ C&E (2005)
	Colour (ADMI)	APHA 2120 F (2005)



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Portable & Domestic	Colour (Spectrophotometric Method)	APHA 2120 C (2005)
Water, Ground Water, Mineral Water, Reverse	Turbidity	APHA 2130 B (2005)
Osmosis Water, Industrial / Cooling Purposes, Steam	Chloride	APHA 4500 – Cl ⁻ D (2005)
Raising / Boiler Water, Swimming Pool Water &	Hardness	APHA 2340 C (2005)
SPA, Surface Water and Drinking Water	Nitrate	APHA 4500 – NO ₃ B (2005)
(cont.)	Nitrite	APHA 4500 – NO ₂ B (2005)
	Sulphate	APHA 4500 – SO ₄ ²⁻ D (2005)
	Total Dissolved Solid	APHA 2540 C (2005)
	Anionic Surfactant – Detergent MBAS	APHA 5540 C (2005)
	Organochlorine Pesticide – • Aldrin • Gamma-BHC • Heptachlor • Heptachlor epoxide • Dieldrin • 4,4'-DDT • 4,4'-DDD • 4,4' DDE • Endrin • Endosulfan • Hexachlorobenzene (Alpha, Beta and Delta) • Methoxychlor	APHA 6630 D (2005)
Drinking water Portable water River water Raw and Treated water Sewage water Industrial effluent Surface water Waste water	Chromium Trivalent (as Cr3+)	MY/STP/015 based on APHA 3120 B and APHA 3500-Cr B (2005) by calculation



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Portable water Raw water	Aluminium (as Al)	
Sewage water Industrial effluent and	Antimony (as Sb)	
leachate Mineral water	Arsenic (as As)	
	Barium (as Ba)	
	Boron (as B)	
	Cadmium (as Cd)	
	Calcium (as Ca)	
	Copper (as Cu)	
	Cobalt (as Co)	
	Iron (as Fe)	
	Lead (as Pb)	APHA 3030 F(b) & APHA 3120 B (2005) analyzed by ICP-OES
	Lithium (as Li)	
	Magnesium (Mg)	
	Mercury (as Hg)	
	Manganese (as Mn)	
	Nickel (as Ni)	
	Potassium (as K)	
	Selenium (as Se)	
	Silver (as Ag)	
	Sodium (as Na)	
	Strontium (as Sr)	

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TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water (cont.) Portable water	Thallium (as TI)	
Raw water Sewage water Industrial effluent and	Tin (as Sn)	APHA 3030 F(b) & APHA 3120 B
leachate Mineral water	Total Chromium (as Cr)	(2005) analyzed by ICP-OES
	Zinc (as Zn)	

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Technique
	Formaldehyde	USEPA 8315A (Procedure 1) (1996)
Environmental Monitoring Industrial Effluent and	Nitrogen (Ammonia)	APHA 4500 NH ₃ B & C (2005)
Waste Water	COD (Chemical Oxygen Demand)	APHA 5220 C (2005)
	Colour (ADMI)	APHA 2120 F (2005)
	рН	APHA 4500 – H ⁺ B (2005)
	Biological Oxygen Demand (BOD)	APHA 5210 B (2005)
	Chemical Oxygen Demand (COD)	APHA 5220 B (2005)
	Chemical Oxygen Demand (COD)	APHA 5220 D (2005)
Industrial Effluent, Sewage	Suspended Solid	APHA 2540 D (2005)
Water, Waste Water and Leachate	Oil and Grease	APHA 5520 B (2005)
Loudinate	Temperature	APHA 2550 B (2005)
	Chromium Hexavalent	APHA 3500 – Cr B (2005)
	Fluoride	APHA 4500 F – D (2005)
	Phenol	My/STP/069 based on APHA 5530B & APHA 5530D (2005)
	Sulphide	APHA 4500 – S ²⁻ D (2005)



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring	Lead	
Industrial Effluent, Sewage Water, Waste Water and	Copper	
Leachate (cont.)	Manganese	
	Nickel	
	Tin	
	Zinc	
	Iron	- APHA 3111 B (2005)
	Silver	ALTIA 3111 B (2003)
	Total Chromium	
	Cadmium	
	Magnesium	
	Sodium	
	Calcium	
	Potassium	
	Colour (Spectrophotometric Method)	APHA 2120 C (2005)
	Turbidity	APHA 2130 B (2005)
	Chloride	APHA 4500 – Cl ⁻ D (2005)
	Hardness	APHA 2340 C (2005)
	Nitrate	APHA 4500 – NO ₃ B (2005)
	Nitrite	APHA 4500 – NO ₂ B (2005)
	Sulphate	APHA 4500 – SO ₄ ²⁻ D (2005)
	Sample Pre-treatment for metal analysis-Nitric acid digestion	APHA 3030 E (2005)
	Total Dissolved Solids	APHA 2540 C (2005)



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
<u>Foods</u>	Protein/ Nitrogen	AOAC 988.05, 20th edition (2016)
Animal FeedPet Food	Moisture	AOAC 930.15, 20th edition (2016)
T et i oou	Ash	AOAC 942.05, 20th edition (2016)
	Crude Fiber	AOAC 978.10, 20th edition (2016)
	Crude Fat	AOAC 920.39, 20th edition (2016)
Dairy ProductsMayonnaise	Fat	AOAC 932.06, 20 th edition (2016)
Coffee Powder & Premix	Caffeine & Coffee Content	MS 1360: 1994
Beverage and JuicesNuts, Fruits, Vegetables and Vegetable Products	Protein/ Nitrogen	MY/STP/270 based on AOAC 988.05, 20 th Edition (2016)
Nutritional FoodEdible Oil, Fats and their Products	Moisture	MY/STP/271 based on AOAC 931.04, 20 th Edition (2016)
	Ash	MY/STP/272 based on AOAC 942.05, 20 th Edition (2016)
	Fat (Soxhlet Extraction)	MY/STP/265 based on AOAC 963.15, 20 th Edition (2016)
	Total Carbohydrate (by calculation)	MY/STP/378 based on US FDA 21
	Energy/calories (by calculation)	CFR101.9 Part 101 (2017)
Foods (cont.) • Dairy Products & Cocoa	Energy / Calories	Guide to Nutrition Labelling and Claims page 15 (2010)
 Beverage & Juices Nuts, Fruits, Vegetables and Vegetable Products Nutritional Food Edible Oil, Fats and Their Products 	Carbohydrate	Guide to Nutrition Labelling and Claims page 18 (2010)

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
Foods (cont.)		
Beverage and JuicesNuts, Fruits, Vegetables	Iron	
and Vegetable Products Nutritional Food	Copper	
Edible Oil, Fats and their Products	Calcium	
their Products	Magnesium	MY/STP/009 based on AOAC
	Manganese	968.08, 20 th Edition (2016)
	Zinc	
	Cobalt	
	Sodium	
	Sodium Chloride / Salt	MY/STP/043 based on Metrohm Manual Method 21 D 3
	Cholesterol	MY/STP/131 based on J AOAC Vol. 78, No. 6, 1995
	Total Dietary Fiber	MY/STP/030 based on SCC Technical Bulletin No. TDFAB



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
Foods (cont.)	Fatty Acid Composition	
Dairy Products &	Monounsaturated Fat	
Cocoa • Beverage & Juices	Polyunsaturated Fat	AOAC 996.06, 20th Edition (2016)
 Nuts, Fruits, Vegetables and 	Saturated Fat	
Vegetable ProductsNutritional Food	Trans Fat	
Edible Oil, Fats and Their Products	Total Sugar	AOAC 968.28, 20th Edition (2016)
Their Floudets	Formaldehyde	AOAC 931.08, 20th Edition (2016)
	Vitamin A	MY/STP/128 based on USP30- NF25 page 214
Spices, Salted Egg YolkConfectionary	Sudan Red I, II, III and IV	MY/STP/132 based on Government Chemist Publication List: LGC/GC/2007/005
 Nuts and nuts derived Products, Cereal Cereal, Animal Feed 	Aflatoxin	MY/STP/112 based on Direct Competitive Elisa Method
and Feed Derived Products	Gluten	MY/STP/235 based on Direct Competitive Elisa Method
Food and Beverage Products	Benzoic Acid	MY/STP/110 based on JAOAC Vol. 70, No. 5, 1987
	Sorbic Acid	MY/STP/110 based on JAOAC Vol. 70, No. 5, 1987
	Sulphur Dioxide (or sulphites calculated as sulphur dioxide)	MY/STP/040 based on Velp Scientific manual UDK 126 D
 Sugar and Sugar Confectionery Tea and Beverage 	Artificial Colouring	MY/STP/250 based on David A.Katz (2009), The extraction and identification of artificial food colours
Fat & oil Cosmetic Pharmaceuticals	Water content	MY/STP/385 by Karl Fischer

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
Solid & SemisolidLiquid Food	Water Activity	MY/STP/240 based on AOAC 978.18, 20 th Edition (2016)
	Acidity	AOAC 940.15, 20 th Edition (2016)
Flour & Bread	Propionic Acid	MY/STP/242 based on International Food Research Journal 17:1107- 1112
Sauces & KetchupCoffee	3 Monochloro-propane-1,2 diol (Free 3-MCPD & 3-MCPD ester)	MY/STP/243 based on Czech J. Food Sci Vol. 22, No.5:182-189
Bird Nest & Bird Nest Products	Sialic Acid	MY/STP/246 based on Food Science Vol. 31, Iss 8, 233-236 (2010)
Palm Oil & Palm Oil Products	Moisture and Volatile Matter	MPOB P2.1 Part 1: 2004
Edible Oils	Impurities	MPOB P2.2: 2004
	Peroxide Value	MPOB P2.3: 2004
	Acidity / Free Fatty Acid	MPOB P2.5: 2004
	Saponification Value	MPOB P3.1: 2004
	Unsaponificable Matter	MPOB P2.7: 2004
	lodine Value	MPOB P3.2: 2004
	DOBI of CPO	MPOB P2.9: 2004
	Anisidine Value	MPOB P2.4: 2004
	Mineral Oil (Qualitative)	AOAC 945.102, 20th Edition (2016)



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Agricultural Products and Materials Fertilizer	Total Nitrogen Ammoniacal Nitrogen Nitrate Nitrogen	MS 417:Part 3:1994
	Total Phosphorus (as P ₂ O ₅) Water soluble P ₂ O ₅ Citric acid soluble P ₂ O ₅	MS 417:Part 4:1994
	Potassium (as K ₂ O)	MS 417:Part 5:1994
	Magnesium (as MgO) Water soluble MgO	MS 417:Part 6:1994
Agricultural Products and Materials Animal Feeds	Arsenic (as As)	
Foods Cereal, cereal product, starch & bread Milk & milk product	Cadmium as (Cd)	
Sweetening substance Flour confection Meat & Meat Product Fish & fish product Egg & egg product	Lead (as Pb)	MY/STP/375 based on AOAC
Edible fat & edible oil Vegetable & vegetable product Fruit & fruit product Jam, fruit jelly, marmalade & seri kaya Nut & nut product	Mercury (as Hg)	999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-EOS
Tea, coffee, chicory & related product Cocoa & cocoa product Salt & spice Vinegar, sauce, chutney & pickle	Tin (as Sn)	
Soft drink	Antimony (as Sb)	

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Drugs and Pharmaceuticals	Arsenic (as As)	
Powder Tablet Hard gel capsule Soft gel capsule Pill Oil Liquid	Cadmium as (Cd)	
	Lead (as Pb)	MY/STP/375 based on AOAC
Cream Ointment Traditional herbs	Mercury (as Hg)	999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-EOS
Cosmetics & Essential oils Cosmetics and toiletries	Tin (as Sn)	
	Antimony (as Sb)	
Foods Cereal, cereal product, starch & bread Milk & milk product Sweetening substance Flour confection Meat & Meat Product Fish & fish product Egg & egg product Edible fat & edible oil Vegetable & vegetable product Fruit & fruit product Jam, fruit jelly, marmalade & seri kaya Nut & nut product Tea, coffee, chicory & related product Cocoa & cocoa product Salt & spice Vinegar, sauce, chutney & pickle Soft drink	Vitamin D2 (as Ergocalciferol)	MY/STP/380 based on AOAC 2002.05, 20th Ed (2016)-(HPLC)
	Vitamin D3 (as Cholecalciferol)	
Drugs and Pharmaceuticals Edible oils, fats and their products	Vitamin E (as alpha tocopherol) Tocotrienols (α-tocotrienol, β- tocotrienol, γ-tocotrienol, δ- tocotrienol)	MY/STP/404 based on ISO 9936:2016 (HPLC)



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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Foods Beverage and juices Cheese & milk product Coffee & coffee product	Potassium	MY/STP/009 based on AOAC 968.08, 20th Ed (2016)
Foods Milk and milk product Sweetening substances Fruit & fruit product Soft drink Tea, coffee, chicory & related product	Sugar Profile Sucrose Glucose Maltose Lactose Fructose	MY/STP/382 based on GB 5009.8 – 2016 (HPLC)
Pharmaceutical products & Traditional medicines Tablets and capsules	Uniformity of weight	USP-NF Online 2020, Chapter <2091>
	Disintegration Test	BP 2019 (Appendix XII A. Disintegration)

IKM No.: L1563/4942/2006,

Signatories:

1.

Chua Siong Wei

		MJMM0281
2.	Poh Tze Kye	IKM No.: M/2458/6147/11/12
3.	Nyeoh Yeong Sheng	IKM No.: M/5620/6319/12/21 MJMM0491
4.	Nur Aniqah Wardiah bt Suhaime	IKM No.: M/5729/7071/15/21
5.	Siti Zaleha bt Ahmad	IKM No.: M/4250/7117/15
6.	*Chong Moi Me	IKM No.: M/1845/4189/2001
7.	Nur Athirah bt Sukor	IKM No.: M/4330/7220/15
8.	Wong Hui Xian	IKM No.: M/5730/7206/15/21
9.	Asma Syafawati binti Ahmad	IKM No.: L/2896/8568/19

^{*}Non-resident Signatory

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SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
Nutritional and Dietary Supplement, Pharmaceutical, Traditional Medicine, Toiletries and	Total Aerobic Microbial Count – Plate Method	USP 30 – NF (2007) – 2021
	Total Yeast & Mould Count	USP 30 – NF (2007) – 2021
Cosmetic	E.coli	BP 2019 (Appendix XVI B)
	Salmonella spp.	BP 2019 (Appendix XVI B)
	Staphylococcus aureus	BP 2019 (Appendix XVI B)
	Bile-tolerant gram-negative bacteria / Enterobacteriaceae	BP 2019 (Appendix XVI B)
	Pseudomonas aeruginosa	BP 2019 (Appendix XVI B)
	Total Aerobic Microbial Count	BP 2019 (Appendix XVI B) (Plate Count Method)
	Total Yeast & Mould Count	BP 2019 (Appendix XVI B) (Plate Count Method)
Water, Waste Water, Portable Water & Drinking Water	Total Plate Count / Heterotrophic Plate Count	APHA 9215 B (2005) (Pour Plate Method)
	Total Plate Count	APHA 9215 D (2005) (Membrane Filtration)
	Total Coliform	APHA 9222 B (2005) (Membrane Filtration)
	Fecal Coliform / E.coli	APHA 9222 D (2005) (Membrane Filtration)
	Fecal Coliform / E.coli	APHA 9221 E/F (2005) (Multiple Tube Method)
	Total Coliform	APHA 9221 B (2005) (Multiple Tube Method)
	Legionella spp. including Legionella pneumophilla	AS 3896: 2017



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SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
Water Ground water River water Portable water Treated water Raw water Swimming pool water Deionised water Mineral water Drinking water Dialysis water Reverse osmosis water Cooling tower water	Pseudomonas aeruginosa	APHA 9213 E (2012) (Membrane Filtration)
	Fecal streptococci / Enterococci	APHA 9230 C (2012) (Membrane Filtration)
	Clostridium perfringens	BS ISO 14189:2013 (Membrane Filtration)
	Sulfite-reducing anaerobes (Clostridia)	BS ISO 26461-2:1993 (Membrane Filtration)
Foods Cereal, cereal product, starch & bread Milk & milk product Sweetening substance Confectionery Meat & Meat Product Fish & fish product Egg & egg product Edible fat & edible oil Vegetable & vegetable product Fruit & fruit product Jam, fruit jelly, marmalade & seri kaya Nut & nut product Tea, coffee, chicory & related product Cocoa & cocoa product Salt & spice Vinegar, sauce, chutney & pickle Soft drink	Coliform	AOAC 991.14, 20th Ed (2016) (Petrifilm Method)
	Escherichia coli	
	Rapid Yeast & Mould	AOAC 2014.05, 20th Ed (2016) (Petrifilm Method)
	Aerobic Plate Count	AOAC 990.12, 20th Ed (2016) (Petrifilm Method)



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SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
All types of food and food related samples Foods Alcoholic Beverages	Aerobic Plate Count	FDA – BAM Chapter 3 (2001)
	Total Yeast & Mould Count	FDA – BAM Chapter 18 (2001)
Dairy ProductsEdible Oils, Fats & their	Coliform	FDA – BAM Chapter 4 (2017) (Solid Medium Method)
Product • Egg & Egg Products	Coliform	FDA – BAM Chapter 4 (2017) (MPN Method)
Essential Nutrients including Vitamins	E.coli	FDA – BAM Chapter 4 (2017) (Solid Medium Method)
 Fish & Fish Products Flour & Confectionery 	E.coli	FDA – BAM Chapter 4 (2017) (MPN Method)
Food Additives &	Salmonella spp.	FDA – BAM Chapter 5 (2018)
SupplementHoney & HoneyProducts	Enterobacteriaceae	AOAC 2003.01, 20th Edition (2016) (Petrifilm Method)
 Infant Foods Meat, Poultry & Derived Products 	Coagulase positive staphylococci / Staphylococcus aureus	FDA – BAM Chapter 12 (2016) (Spread Plate Method)
Non-alcoholic Beverages	Bacillus cereus	FDA – BAM Chapter 14 (2012)
Nut, Fruit & Vegetables and Derived Products	Clostridium perfringens	FDA – BAM Chapter 16 (2001)
Pet Foods	Vibrio cholerae	FDA – BAM Chapter 9 (2004)
Sauces, Herbs, Spices and Condiments	Vibrio parahaemolyticus	FDA – BAM Chapter 9 (2004)
 Sugars & Sugar Products 	Listeria spp. Listeria monocytogenes	FDA – BAM Chapter 10 (2017)
	Vibrio vulnificus	FDA – BAM Chapter 9 (2004)
	Clostridium botulinum	FDA – BAM Chapter 17 (2001)
Canned Food	Thermophilic Bacteria	FDA – BAM Chapter 21
	Anaerobic Organisms	FDA – BAM Chapter 21
	Leakage Organisms	FDA – BAM Chapter 21



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SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard test Method/ Equipment/Techniques
Microbiological Monitoring (Environmental Monitoring, Air & Work Surfaces)	Air monitoring by cascade impactor • Total bacteria count/Total plate count • Total yeast count • Total mold count • Total yeast and mold count	NIOSH method 0800 (Issue 1: 15 Jan 1998) MY/STP/185 based on NIOSH method 0800 (Issue 1:15 Jan 1998)
	Swab contact method	MY/STP/175 based on Compendium of Methods for The Microbiological Examination of Foods, 4th Edition 2001 (Chapter 3)
	Sedimentation Method	MY/STP/175 based on Compendium of Methods for The Microbiological Examination of Foods, 4th Edition 2001 (Chapter 3)
	Surface contact method Swab contact method Sponge contact method Rinse solution method Packaging containers Air sampling method Sedimentation method Impaction method	
	Identification of surface contact method, rinse solution method, air sampling method: Total Plate Count Yeast & Mold Count E.coli Coliform Staphylcoccus aureus Enterobacteriaceae Bacillus cereus Clostridium perfringens Salmonella spp. Listeria monocytogenes	MY/STP/175 based on Compendium of Methods for the Microbiological Examination of Foods, 4th Edition 2001 (Chapter 3)

Signatories:

Chua Siong Wei
 Nyeoh Yeong Sheng
 Raihaniah bt Abd Rahman
 Nur Izzurianna Binti Mohd Zazali
 MJMM0281
 MJMM0491
 MJMM0666
 MJMM1012

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Notes:

- APHA: American Public Health Association, Standard Method for Examination of Water and Wastewater, 1.
- BP: British Pharmacopeia, 2019 2.
- MS: Malaysia Standard 3.
- 4.
- MPOB: Malaysia Palm Oil Board USP: United States Pharmacopeia 5.
- NIOSH: National Institute of Occupational Safety & Health 6.
- GB: National Food Safety of People's Republic of China 7.
- USEPA: United States Environmental Protection Agency 8.
- FDA-BAM: US Food and Drug Administration / Bacteriological Analytical Manual 9.
- AOAC: Official Methods of Analysis of AOAC International 10.
- JAOAC: Journal of AOAC International 11.
- AS: Australia Standard 12.
- BS ISO: British Standard ISO 13.