

Schedule

Issue date: 18 March 2025
Valid Until: 10 August 2028



NO: SAMM 047

Page: 1 of 5

LABORATORY LOCATION/ CENTRAL OFFICE:	AsiaTest Laboratory Service Sdn. Bhd. Mezzanine Floor No. 3, Lot 5, Lorong Kilang F, Off Jalan Kilang Kolombong 88450 Kota Kinabalu, Sabah , 88450, SABAH MALAYSIA
	
ACCREDITED SINCE :	12 MARCH 2025
FIELD(S) OF TESTING:	CHEMICAL MICROBIOLOGICAL

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).

CENTRAL LOCATION:	AsiaTest Laboratory Service Sdn. Bhd. Mezzanine Floor No. 3, Lot 5, Lorong Kilang F, Off Jalan Kilang Kolombong 88450 Kota Kinabalu, Sabah , 88450, Sabah
FIELD(S) OF TESTING :	CHEMICAL, MICROBIOLOGICAL

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Foods Edible Oils And Related Products	Acid Value / F. F. A.	AOCS Ca 5a-40 (2012)
	Ash	AOCS Ca 11-55 (2009)
	Cloud Point	AOCS Cc 6-25 (2009)
	Insoluble Impurities	AOCS Ca 3a-46 (2011)
	Iodine Value	AOCS Cd 1b-87 (2012)
	Iodine Value	AOCS Cd 1d-92 (2009)
	Specific Gravity	AOCS Cc 10a-25 (2009)
	Slip Melting Point (Softening Point)	AOCS Cc 3-25 (2009)
	Moisture & Volatile Matter	AOCS Ca 2b-38 (2009) AOCS Ca 2c-25 (2009)
	Peroxide Value	AOCS Cd 8-53 (1997)
	Saponification Value	AOCS Cd 3-25 (2013)

Schedule

Issue date: 18 March 2025
Valid Until: 10 August 2028



NO: SAMM 047

Page: 2 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Soap Content	AOCS Cc 17-79 (2009)
	Kreis Rancidity Index	BS 684:2.32 (1991)
	Unsaponifiable Matter	AOCS Ca 6a-40 (2011)
	Acid Value / F.F. A	MS 817:1989 Clause 8
	Anisidine Value	MS 817: 1989 Clause 7
	Cloud Point	MS 817: 1989 Clause 28
	Colour (Lovibond)	MS 817:2004 Clause 26
	DOBI	MS 817: 1989 Clause 18
	Insoluble Impurities	MS 817: 1989 Clause 5
	Density	MS 817: 1989 Clause 31
	Slip Melting Point (Softening Point)	MS 817: 1989 Clause 27
	Moisture & Volatile Matter	MS 817: 1989 Clause 4
	Peroxide Value	MS 817: 1989 Clause 6
	Saponification Value	MS 817: 1989 Clause 24
	Soap Content	MS 817: 1989 Clause 19
Agricultural Products And Materials Feedstuff (palm Kernels, Expellers And Feedmeal)	Unsaponifiable Matter	MS 817: 2001 Clause 10
	Shell and Dirt (Palm Kernel Expeller)	MS 607:1987 Appendix A
Environmental Monitoring Sewage & Industrial Effluents Waste Water	Alkalinity	APHA 2320 B
	Nitrogen (Ammonia) (Titrimetric Method)	APHA 4500-NH3 B, C
	Biochemical Oxygen Demand (5-day BOD, Membrane Electrode)	APHA 5210 B, 4500-O G
	Chemical Oxygen Demand (Open Reflux Method) (Close Reflux Method)	APHA 5220 B APHA 5220 C
	Chloride (Argentometric Method)	APHA 4500-Cl ⁻ B
	Chlorine (Residual)	APHA 4500-Cl G
	Colour	APHA 2120 B
	Conductivity	APHA 2510 B
	Oil and Grease	APHA 5520 B
	pH Value	APHA 4500-H ⁺ B
	Sulfate	APHA 4500-SO ₄ ²⁻ E
	Total Suspended Solids	APHA 2540 D
	Total Dissolved Solids	APHA 2540 C
	Total Solids	APHA 2540 B
	Cyanide	APHA 4500-CN ⁻ E
	Phenols	APHA 5530 B, C, D
	Sulfide	APHA 4500-S ²⁻ F
	Fluoride	APHA 4500-F ⁻ D
	Hardness	APHA 2340 C
Water Surface Water Portable Water Drinking Water	Alkalinity	APHA 2320 B

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003402> for the current scope of accreditation

Schedule

Issue date: 18 March 2025
Valid Until: 10 August 2028



NO: SAMM 047

Page: 3 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Raw Water Ground Water	Nitrogen (Ammonia) (Titrimetric Method)	APHA 4500-NH ₃ B, C
	Biochemical Oxygen Demand (5-day BOD, Membrane Electrode)	APHA 5210 B, 4500-O G
	Chemical Oxygen Demand (Open Reflux Method) (Close Reflux Method)	APHA 5220 B APHA 5220 C
	Chloride (Argentometric Method)	APHA 4500-Cl ⁻ B
	Chlorine (Residual)	APHA 4500-Cl G
	Colour	APHA 2120 B
	Conductivity	APHA 2510 B
	Oil and Grease	APHA 5520 B
	pH Value	APHA 4500-H ⁺ B
	Sulfate	APHA 4500-SO ₄ ²⁻ E
	Total Suspended Solids	APHA 2540 D
	Total Dissolved Solids	APHA 2540 C
	Total Solids	APHA 2540 B
	Cyanide	APHA 4500-CN ⁻ E
	Phenols	APHA 5530 B, C, D
	Sulfide	APHA 4500-S ²⁻ F
	Fluoride	APHA 4500-F ⁻ D
	Hardness	APHA 2340 C

SCOPE OF TESTING : MICROBIOLOGICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Microbiological Environmental Sample Waste Water Portable Water Drinking Water	Heterotrophic Plate Count (Total Plate Count)	APHA 9215 B (Pour Plate Count)
	Total Coliform Count	APHA 9221 B (Multiple – Tube Fermentation Technique)
	Thermo tolerant (Fecal) Coliform Count	APHA 9221 E (Multiple – Tube Fermentation Technique)
	Thermo tolerant (Fecal) Coliform Count	APHA 9222 D (Membrane Filter Procedure)
Microbiological Environmental Sample Surface Swabs Equipment Swabs personnel Hand Swab	<i>Salmonella</i> spp.	FDA-BAM Online, Chapter 5 (2022)
	<i>Listeria monocytogenes</i> Detection <i>Listeria</i> spp. Detection	FDA-BAM Online, Chapter 10 (2022)

Schedule

Issue date: 18 March 2025
Valid Until: 10 August 2028



NO: SAMM 047

Page: 4 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Plate Count Total Yeast and Mould Count Enterobacteriaceae Coliform Count E. coli Count <i>Staphylococcus aureus</i>	In-house Method QWI-MB/17-081 based on Compendium of Methods for Microbiological Examination of Foods, 5 th Edition, 2015, Chapter 3
	Osmophilic Yeast and Mould Count	In-house Method QWI-MB/17-120 based on Compendium of Methods for the Microbiological Examination of Foods, 5 th Edition, 2015, Chapter 17
Microbiological Environmental Sample Environmental Air Sampling	Bioaerosol Test: Total Plate Count Total Yeast and Mould Count	In-house Method QWI-MB/17-007 based on NIOSH Manual Analytical Method, Method 0800, 4 th Edition (1995)
	Settle Plate Test: Total Plate Count Total Yeast and Mould Count	In-house Method QWI-MB/17-080 based on Compendium of Methods for Microbiological Examination of Foods, 5 th Edition, 2015, Chapter 3
Microbiological Tests On Foods Food	Aerobic Plate Count (Total Plate Count)	AOAC 990.12 (Petrifilm Method) (2002)
	Total Coliform Count and Total <i>Escherichia coli</i> Count	AOAC 991.14 (Petrifilm Method) (2002)
	Total Yeast and Mould Count	AOAC 997.02 (Petrifilm Method) (2002)
	Isolation of <i>Shigella</i> spp.	Compendium of Method for The Microbiological Examination of Foods, 5 th Edition, 2015, Chapter 37
Microbiological Tests On Foods Food And Food Related Products	<i>Listeria monocytogenes</i> Detection <i>Listeria</i> spp. Detection	FDA-BAM Online, Chapter 10 (2022)
	<i>Bacillus cereus</i>	FDA-BAM Online, Chapter 14 (2020) (Spread Plate Technique)
	Osmophilic Yeast and Mould	Compendium of Methods for the Microbiological Examination of Foods, 5 th Edition, 2015, Chapter 17
	Enterobacteriaceae Count	AOAC 2003.01 (Petrifilm Method)(2006) ISO 21528-2:2017
	Lactobacillus Count Lactic Acid Bacteria Count	ISO 15214:1998
Microbiological Tests On Foods Food And Toiletries	Aerobic Plate Count (Total Plate Count)	FDA-BAM Online, Chapter 3 (2001) (Pour Plate Method)
	Total Coliform Count	FDA-BAM Online, Chapter 4 (2017) (MPN Method)

Schedule

Issue date: 18 March 2025
Valid Until: 10 August 2028



NO: SAMM 047

Page: 5 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total <i>Escherichia coli</i> Count	FDA-BAM Online, Chapter 4 (2017) (MPN Method)
	Total Yeast and Mould Count	FDA-BAM Online, Chapter 18 (2001) (Spread Plate Method)
	<i>Staphylococcus aureus</i> Count	FDA-BAM Online, Chapter 12 (2016) (Spread Plate Method)
	Isolation of <i>Salmonella</i> spp.	FDA-BAM Online, Chapter 5 (2022)

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/lab/samm-ct/3003402> for the current scope of accreditation