

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 1 of 16

LABORATORY LOCATION/ CENTRAL OFFICE:	Decagon Lab & Analytical Testing Sdn Bhd 12-1, Jln Sg Burung U32/U, Sek 32, Bukit Rimau, 40460 Shah Alam, Selangor , 40460, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	25 MARCH 2025
FIELD(S) OF TESTING:	CHEMICAL

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:	Decagon Lab & Analytical Testing Sdn Bhd 12-1, Jln Sg Burung U32/U, Sek 32, Bukit Rimau, 40460 Shah Alam, Selangor , 40460, Selangor
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Boiler Water	Fluoride	DL 008 based on HACH 8029
	Calcium	US EPA 6010 B 1996 by ICP-OES
	Gold	None
	None	None
	Cadmium as Cd	None
	Copper	None
	None	None
	None	None
	Antimony	None
	filtration)	None
	None	None
	e Aluminium	None
	None	None

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 2 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Phenolphthalein Alkalinity as	APHA - 2320B
	Cyanide as Cn	APHA - 4500CN-C8&D or C&F
	None	None
	None	None
	None	None
	None	APHA 9221 F, 22" Edition (2012)
	None	None
	Total Dissolved Solids	APHA 2540 C, 2017
	Acidity	APHA 2310. B
	Acidity	APHA 2310. B
E Industrial Effluent	Alkalinity	APHA 2320-B / Titration Method
	None	None
	Aluminum, Arsenic. Barium, Boron,	APHA 3120 B
	None	Demand
	pH	APHA 4500- H*B
	BOD	APHA 5210 B & 4500-0 G
	COD	APHA 5220 D
	Total Suspended Solid	APHA 2540 D
	Oil & Grease	APHA 5520 B
	Ammoniacal Nitrogen	APHA 4500- B & F
	Colour	APHA 2120 F
	None	None
	Trivalent Chromium	APHA 3500-Cr B & APHA 3120 B,
	Oil and Grease	In-house method, WI-TEC-M044,
Arsenic	None	
E Sewage Water	Biochemical Oxygen Demand	APHA 5210-B / 5-Day BOD test / Membrane Electrode Method
	Determination of Total Suspended	None
	Cadmium, Copper, Lead, Determination of Total Suspended	(Inductively Coupled Plasma None
Environmental Monitoring	None	None
	Perchlorate	In-house Method QWI-CH/17-080 based on USEPA 6850
	Microscale Solvent Extraction of Solids	USEPA 3570 (Microscale Solvent Extraction) In-house Method QWI-OG/17-016
	Organochlorine and Organophosphate Pesticides (OCOPs)	In-house Method QWI-OG/17-052 using GC-MS/MS
	Sample and Velocity Traverses	USEPA 1
	PCDDs and PCDF Dioxin and Furan (Sampling)	USEPA 23A
	Biochemical Oxygen Demand A. Reference Method	DOE Method (1985) : 3" Edition 2011
	ammoniacal Nitrogen	APHA 4500-NH3 B & C (1998)
	pH	APHA 4500-H* B (2005)
	Hexavalent Chromium	APHA 3500 Cr-B (2005)

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/ceb/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 3 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Loss of Ignition	BS: EN 12879:2000
	Aerobic	OECD Method 301 C (1992)
	Nitrate	In-House Method TOM 13, based on
	Metals	None
	Tin	None
	Anion	None
	None	None
	None	None
	None	None
	BOD 3	DOE -" Reference Method
	None	None
	None	None
	Potassium	None
	Microbiological testing	In-house method 21BSAM-B081
	Microbiological testing	In-house method 21BSAM-B080
	Microbiological testing	In-house method 21BSAM-B081
	Microbiological testing	In-house method 21BSAM-B080
	None	None
	Colour ADMI	APHA 2120 F
	Mercury	In-house Method, CL/WT/007, based
	None	None
	None	None
	pH Value (pH)	APHA 4500-H* B, edition
	None	None
	Aluminium	USEPA 6010 D (ICP OES)
	None	None
	Nitrate (as NO ₃ -• or	APHA E
	None	None
	Fluoride	APHA & D
	Colour (True & Apparent)	APHA 2120 C
	Total Coliform Count (TCC)	APHA 9221 B
	Total Nitrogen	In-house test method MKA TMO3 by TOC/TN Analyzer
	None	None

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 4 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Solid	2540 B
	None	None
	None	None
	None	None
	pH value	APHA 4500-H* B Electrometric
	None	None
	None	None
	Particulate Matter	MS 1596: 2003 Determination of
	Heavy Metals:	None
	None	None
	None	None
	Moisture	(i) Gravimetric Method: BS:EN
	None	None
	Metals	In-house Method PCL-HMW-01
	None	None
	None	None
	Turbidity	APHA 2130 B, 2005
	Turbidity	APHA 2130 B, 2005
	Biochemical Oxygen Demand	APHA 5210 B & C, 2005
	Biochemical Oxygen Demand	DOE 2019, Reference Method,
	pH	APHA 4500 H*B, 2005
	Metals by ICP	None
	Metals by ICP	None
	Metals by ICP	None
	None	In-house method, WI-TEC-S001,
	None	None
	None	None
	None	None
	Determination of Concentration and Mass Flow of Particulate	MS 1596: 2003
	Determination of Total Suspended Particulate Matter in	ASTM: D4096-91 (2003)
	Sound pressure level	Guidelines for Environmental Noise Limits and Control, Third Edition
	None	None
	None	None
	None	None
	Boron	APHA 4500-B C, 2005 APHA 4500-B C, 2017
	Sulphide	APHA 4500- D, 2005 APHA 4500-D, 2017
	Metal Analysis by ICP-OES	None

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 6 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	None
	Total Solid	2540 B
	Heterotrophic Plate Count	APHA 9215 B
	None	None
	Taste	APHA 2160 B, 24" Edition
	Escherichia coli	None
Potable Water E	None	None
	Coliform	APHA 9221 B (Fermentation)
	Total Coliform	APHA 9221.B (MPN)
	pH	APHA 4500-H* B
Processed Water Cooling Water	Chloride (Cl)	APHA 4110 B 2017
	Conductivity	APHA 2510-B / Laboratory Method
Processed Water Cooling Water Ground Water	Silica	APHA 4500-Si E Heteropoly Blue Method
Processed Water E	None	None
Sewage E Sludge And Sediments E	Total Nitrogen	APHA 4500-Nore : B & 4500-NH3:C
Surface Water	Chloride	DL 007 based on HACH 8113
	Chromium, Hexavalent	APHA 3500-Cr D Ed (1995) APHA 3500-Cr B Ed (2005)
	Chromium, Trivalent	In-house Method QWI-CH/17-007
	None	None
	(Be), Calcium (Ca), Cadmium	None
	None	None
	None	None
	None	None
	Fluroxypyr	None
	None	None
	None	None
	Total Coliform	APHA 9222 B, 2017
	None	None
	Lead, Cadmium, Manganese,	AAS Direct Air -" Acetylene Flame
	None	Demand
	None	hardness
	None	None
	& Faecal Coliform	WHO Guideelines for Drinking Water
	None	ISO 7899-2: 2002 (E)
	Total Coliform & Escherichia	JKM M 2040, In-house Method based
	None	Turbidity Meter
	Sulphide (1)	APHA F
	Calcium as Ca	None
	Iron	None
	Oil and Grease	APHA 5520B
	Escherichia coli	MS ISO 9308-1:2011 (Membrane Filtration Technique)
	None	None

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 7 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Phosphate	APHA 4500-P Method D, Stannous Chloride Method, Edition
	None	APHA 4500-NOs E, 22"4 Edition,
	None	None
	None	None
	None	None
	Chromium	None
	None	None
	pH Value	APHA 4500-H* (APHA Method 21*
	None	None
	e Arsenic	None
	None	None
	None	Technique
	None	None
	None	Method Edition (2005)
	Alkalinity	APHA 2320 B Titration Method 21s
	None	Method by Discrete Analyzer
	Caustic Alkalinity as CaCO3	APHA - 2320B
	Barium as Ba	None
	None	(MPN Technique)
	Conductivity	APHA 2510 B, 2017
	Chlorate	Metrohm IC Application, Note No.
	None	Metrohm Technical Note
	Hydrocarbon	APHA 5520 F 2017
	Vanadium (V)	APHA 3120 B, 2017
	Free Carbon Dioxide (by calculation)	APHA 4500 COz D, 2017
	None	None
	None	APHA 2550 B, 2017
	Chromium, Cr	None
VOCs	EPA Method 5030B: 1996; EPA	
None	None	
None	None	
None	(Membrane Filter Technique)	
None	None	
Surface Water E	None	None
	Boron (B)	None
	Boron (B)	None
	None	None

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 8 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Swimming Pool Water	Heptachlor epoxide	None
	None	Mercury Thiocyanate Method
	None	STP/Chem/W02 Based on Merck
	Bismuth as Bi e	None
	Cadmium	None
	None	None
	None	None
	Sodium	None
	None	None
	Nitrite Nitrogen	HACH Method 8507
	Color	APHA 2120 F
	None	None
	None	None
	None	Pour Plate Method
	None	Membrane Filter Method
	Cyanuric Acid	n House TM/W-055 method based on
	Staphylococcus aureus (Membrane	APHA 9212B.6 (2017)
	None	None
	Total Solids	APHA - 2540B
	Metal:	None
	Bromide as Br	None
	Resistivity	In-house Method SOP-0217-2036
	Total Chlorine as Cl ₂	APHA 4500-Cl ₂ G, 21st Edition 2005
Biochemical Oxygen Demand @ 20 °C	APHA 5210 B	
None	None	
Swimming Pool Water Boiler Water	Oil & Grease	APHA 5520-B / Partition Gravimetric method
	Nitrogen (Organic)	APHA 4500-Norg B
Water	None	None
	None	None
	None	None
	None	EDTA Titrimetric Method
	Metals	None
	Bromide, Chloride, Fluoride, Refer to Appendix 10	APHA 4110 B
	Metals	APHA 3125 B
	None	None
	None	None
	Mercury (Hg)	In-house Method QWI-CH/17-093
	None	None

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 9 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	2,4, 6-T DP	None
	Chlorophyll	APHA 10200 H
	None	None
	None	None
	Diuron, Metolachlor, Temephos	In-house Method QWI-OG/17-059
	None	None
	None	None
	Lead	Japanese Industrial Standard
	Ether Oxygenates (MTBE, TBA,	In-house Method QWI-OG/17-027
	Ethylenediamine tetraacetic acid	In-house Method QWI-OG/17-073
	TPH Speciation -" Aliphatic	In-house Method QWI-OG/17-028
	None	(LC-MSMS)
	Tetracycline, Doxycycline,	In-house Method QWI-OF/17-099
	Nucleic acid of Decapod iridescent	n-house Method QWI-NA/17-030
	Nucleic acid of adenovirus	In-house Method QWI-NA/17-035
	None	None
	pH value Chloride	APHA 4500-H+, 21st Edition APHA 4500-Cl-, 21st Edition
	Nickel	None
	Strontium	None
	Fluoride	None
	None	None
	Metals	None
	None	None
	None	None
	None	None
	COD	JKM E 0019 based on APHA 5220 Open
	Calcium/Calcium Hardness	JKM E 0015 based on APHA 3500 -"
	Chemical Oxygen Demand	JKM W 0401 based on HACH Method
	Coliform (MPN/100 ml)	ISO 9308 -" 2 (2012)
	E. coli (MPN/100 ml)	ISO 9308 -" 2 (2012)
	None	None
	None	None
	the Spores of Sulfite-Reducing Anaerobes (Clostridia) -" Part 2:	ISO 6461/2-1986 (E)
	E. Coli and Coliform	Water Quality-Enumeration of E.coli
	Intestinal enterococci	MOH (2)
	None	None
	None	None
	Coliform Count	APHA 9221 B

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 10 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	E.Coli Count	APHA 9221 B, 9225
	Total Aerobic Plate Count	APHA 9215 B
	Total Fecal Coliform Count	APHA 9221 E
	Heterotrophic Plate Count	AS/NZS 4276.3.1 (2007)
	pH	APHA 4500 - H* B, 21% Edition
	Chlorine - Free	HACH 8021 and HACH 10069,
	Fluoride	APHA-4110 B, 215 Edition
	Biological Oxygen Demand, 5	APHA-5210 B, 215 Edition
	Free Chlorine MR	HACH method 10245, 5* Edition,
	Heterotrophic Colony Count	AS 4276.3.1-1995
	Zinc Manganese	APHA 3030E, 3120B Edition 2012
	None	None
	None	None
	Determination of Organochlorine	None
	Bacillus cereus	In-house method 21BAMC-B036
	None	None
	Pseudomonas aeruginosa	In-house method 21BAMC-B064
	Total Coliforms	In-house method 21BMPN-B075
	Bacillus cereus	In-house method 21BAMC-B036
	Pseudomonas aeruginosa	In-house method 21BAMC-B064
	Total Coliforms	In-house method
	None	PCL)
	Acute Hepatopancreatic	In-house method SD?QC-WI-305 :
	None	None
	Pathogen	, , , APHA 9222A,
	None	None
	Temperature	APHA 2550 B
	Phosphorus	APHA 4500 P C
	Bromodichloromethane,	In-house Method, CL/WT/008 based
	Metals by ICP	APHA 3120 B
	Mercury	APHA 3112 B
	Chlorpyrifos	In-house Method, CL/WT/011,
	Aluminium	APHA 3125 B (ICP-MS)
	Gross Alpha, Gross Beta	ISO 11704:2018
	Heterotrophic Plate Count	APHA 9215 B (Pour Plate Method)
	pH	APHA - 4500-H B
	None	ASTM D 1293-18
	None	None
	None	None
	None	ASTM D 1293-18
	None	None
	Turbidity	APHA 2130 B
	pH	APHA 4500 H* B 23rd Edition
	Total solid dried at 103°C -" 105 °C	APHA 2540 B (2005)
	Enumeration of Plankton	Marine Water (PBPKL-STP-PP-1)
	None	APHA 4500 Norg B (2017) and

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 11 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	USP Chapter Bacterial
	Coliform, Fecal Coliform &	APHA 9222 B.G.H.D
	None	APHA 3111 B, 2017
	None	APHA 3111 B, 2017
	None	None
	None	from HACH Method 8023, DR3900
	PH test	APHA 4500 H*B Edition 2017)
	Total suspended solids	APHA 2540 D Edition 2017)
	Turbidity Test	APHA 2130 B Edition 2017)
	None	None
	MLSS	None
	Hydrocarbon, PAH	None
	None	None
	Selenium (Se) Chromium (Cr)	None
	None	None
	Ammonical Nitrogen	APHA 4500-NH3
	None	None
	Lead	APHA 3120 B
	Tin	None
	Iron	None
	Heterotropic plate count	APHA 9215 D
	Standard total coliform	APHA 9222 B
	None	None
	None	None
	pH	APHA - B
	Escherichia coli and Coliform	ISO 9308-1:2014 (E) / Enumeration by
	Bisphenol A	In-house test method MKA TMO6 based

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 12 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Hardness	HACH Method 8226, 8" Edition, 2015
	Hardness by Calculation	APHA 2340 B & In-house test method
	Color	HACH Method 8025, Edition, 2014
	None	None
	Determination of pH	APHA 4500-H* B, 2005
	Determination of chloride	APHA 4500-CI B, 2005
	Determination of sulphate	APHA B, 2005
	Determination of alkalinity	APHA 2320 B, 2005
	Determination of total solids	APHA 2540 B, 2005
	pH	APHA 4500 H*B
	Color	APHA 2120 C (2017)
	Heterotrophic Plate Count	APHA 9215 B (2017)
	Standard Total Coliform	APHA 9221 B (2017)
	Escherichia coli	APHA 9221 F (2017)
	Examination for Legionella spp.	AS/NZS 3896:2008
	pneumophila	None
	Staphylococcus aureus count	APHA 9213 B (2017)
	Fecal Streptococcus	APHA 9230 C (2017)
	Pseudomonas aeruginosa	APHA 9213 F (2017)
	Identification of Escherichia coli	In-house Method GPS/QA/TM/001
	Identification of Shiga-toxigenic	In-house Method GPS/QA/TM/004
	None	None
	Ammonia	ASTM D1293
	None	None
	and Escherichia coli	None
	None	filtration)
	Clostridium perfringens	ISO 14189: 2013 (E)

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 13 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	None
	None	None
	None	None
	None	(2005)
	None	21% Edition (2005)
	Colour	APHA 2120 C 2005
	Determination of Volatile	Method EPA 524.2 By Purge & Trap
	Oxygen Demand (COD) for High	APHA Method 5220D
	None	In-house Method JKM W 0502, on APHA 4110 B-"lon
	None	
	Colony Count at 36°C	JKM M 2038, ISO 6222:1999 (E)
	Intestinal Enterococci	i) WI 16 -" Sample Preparation for
	Enumeration of Clostridium	JKM M 2035
	Detection of pathogenic	JKM B 0201 Detection of pathogenic
	Identification and Quantification	JKM B 0406
	pH	APHA - 4500-H B
	None	None
	Boron	HACH METHOD 8015
	None	None
	E. coli	APHA 9221 F (MPN Method)
	None	None
	Total Organic Carbon	APHA 5310 C
	Heterotropic plate count	APHA 9215 B, 22"4 Edition (2012)
	None	(Membrane Filtration Technique)
	None	None
	Metals by ICP	None
	None	None
	pH	ASTM D 1293-2005 (Method B) APHA 4500 H* B 2005/2017
	pH	ASTM D1293-2005 (Method B) APHA 4500 H* B 2005/2017
	None	None
	Turbidity	APHA 2130B
	On-site Sampling & Testing (pH Temperature, Turbidity)	In-house Method SOP-0222-2001 & SOP-0222-2003
	Coliform	APHA 9221 B, Edition, 2005
	Heterotropic plate count in	APHA Method 9215 D, Edition,
	None	None
	None	None

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 14 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	pH Value	BS 1377-3 : 2018 Clause 12
	pH Value	BS 1377-3 : 2018 Clause 12
	None	None
	Calcium Hardness as CaCO ₃ ,	APHA 3500-Ca B, 2017
	Magnesium (by Calculation Method)	APHA 3500-Mg B, 2017
	Nitrate	APHA E, 2017
	None	None
	Aluminium	None
	None	None
	Organochlorine Pesticide	APHA 6630 B, Edition
	Ammoniacal Nitrogen	APHA F, 24" Edition
	Arsenic	APHA 3125 B, Edition
	Mercury	In-house method, SGS-TM-ENVI-003, based on APHA 3125 B
	2,4-dichlorophenoxyacetic acid (2,4-D)	In-house method, SGS-TM-02-045, based on Agilent Application Note 5991-5731 EN (LCMSMS)
	Heavy Metals by ICP-MS	None
	Endotoxin	Test for Bacterial Endotoxin, BP 2022
	pH	APHA 4500 H*B
	Oil & Grease	APHA 5520 B
	Color	APHA 2120 B
	Color	APHA 2120 F
	pH	APHA 4500 H* B
	Turbidity	APHA 2130 B
	Conductivity	APHA 2510 B
	None	None
	None	None
	None	None
	Escherichia coli and coliform	ISO 9308-1: 2014 (E) / Enumeration
	Pseudomonas aeruginosa	ISO 16266:2006 (E) / Detection and
	Ammonium nitrogen	BS 6068: Section 2.7:1984 ISO 5664:1984

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 15 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Chemical Oxygen Demand	BS 6068: Section 2.34:1988
	Suspended solids	BS 2690-Part 120:1981
	Dissolved solids	BS 2690-Part 121:1981
	None	ASTM D 523-82
	COD	APHA 5220 D
	None	None
	Free Chlorine	APHA' 4500 -" CI G
	Count	(Pour Plate, Spread Plate and
	Anaerobes (Clostridia)	BS 6068-4:9: 1993
	Gross Alpha & Gross Beta	None
	Arsenic as As	None
	Antimony as Sb	None
	Aluminium as Al	None
	Beryllium as Be	None
	Cadmium as Cd	None
	Chromium as Cr	None
	Lead as Pb	None
	Silver as Ag	None
	Selenium as Se	None
	Thallium as Tl	None
	Mercury as Hg	In-house Method LWI-MWE 037 based on APHA 3112 B by
	Mercury as Hg	Mercury Analyser
	Nitrate	In-house Method LWI-MWE 032 based on HACH Nitrate
	Nitrate	Test Comparator
	Sulfide	HACH Method 8131
	Chlorine, Free Residual	In-house Method LWI-MWE
	Chlorine, Free Residual	034 based on DPD-Palintest
	Chlorine, Free Residual	Test Comparator
	Total Chlorine	In-house Method LWI-MWE
	Total Chlorine	035 based on DPD-Palintest
	Total Chlorine	Test Comparator
	Colour (ADMI)	APHA 2120 F
	Heterotrophic Plate Count	None
	Pseudomonas aeruginosa	In-house Method LWI-MME (APHA) 007
	Pseudomonas aeruginosa	based on APHA 9213 E, 2020
	Escherichia coli and Coliform	Escherichia coli and Coliform Bacteria. Part 1: Membrane filtration
	Escherichia coli and Coliform	method
	Escherichia coli and Coliform	Method No: MOH (1)
	Escherichia coli and Coliform	ISO 29981 : 2010 (E), IDF 220 :
	Escherichia coli and Coliform	2010 (E) Milk Products -
	None	None
	None	None
	None	None

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 146

Page: 16 of 16

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	None
Water Potable Water E Processed Water E Surface Water E	Cadmium Chromium Calcium	APHA 3111B APHA 3111B APHA 3111B

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003830> for the current scope of accreditation