

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 1126

Page: 1 of 4

LABORATORY LOCATION/ CENTRAL OFFICE:	Prisma Laboratory (M) Sdn. Bhd., Sarawak Lot 1500, 1st Floor, Jalan Machinda, Lutong 98100 Miri, Sarawak , 98100, SARAWAK 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:	Prisma Laboratory (M) Sdn. Bhd., Sarawak Lot 1500, 1st Floor, Jalan Machinda, Lutong 98100 Miri, Sarawak , 98100, Sarawak
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
Environmental Monitoring:	Chemical Oxygen Demand	APHA 5220 C
	Silver (Ag)	APHA 3111 B
	Sulphide	APHA 4500-S* D
	Total hardness	APHA 2340 C, 2005
	pHAPHA 4500-H+B	pH
	pH	
	CyanideAPHA 4500 CN- C, E	Cyanide
	Cyanide	
	AluminiumNone	Aluminium
	Aluminium	
Ground Water Drinking Water	AluminiumAPHA 3111 D	Aluminium
	Aluminium	
	Total Dissolved Solids	APHA 2540 C

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 1126

Page: 2 of 4

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Suspended Solids	APHA 2540 D
	Turbidity	APHA 2130 B
	Oil and Grease	APHA 5520 B
	Ammoniacal Nitrogen	APHA 4500-NHs3 B,C
	Colour ADMI	APHA 2120 F
	Nitrate	HACH 8192
	Formaldehyde	HACH 8110
	Reactive Phosphorus (as	HACH 8048
	Dissolved Oxygen	APHA 4500-0 G
	Free Chlorine	APHA 4500-Cl G
Industrial Effluent	(COD)	None
	Lead (Pb)	None
	None	None
	Metals by ICP	APHA 3120 B
	None	None
	None	2540D&E
	Aluminium, Al Chromium, Cr	None
	Fluoride	APHA 4500-F- D
	Fecal Coliform Rapid Detection	APHA 9211 B
Marine Water	None	None
	Biochemical Oxygen Demand (BOD)	APHA 5210 B & APHA 4500- 0 G
	None	APHA 2550 B
	Escherichia coli	None
	Organophosphorus Pesticides	In-House No. G11 based on EPA
	None	None
	Salinity	APHA 2520B
	Anthracene	None
	n-Tritriacontane	None
	None	None
	None	(Membrane Filtration Procedure)
	Cobalt (Co)	None
	Iodide	None
	None	APHA 3120 B, 2017
	Unionised Ammonia	In House Method 0590 adopted
	None	None
	Total Suspended Solids	APHA 2540 D
	Chromium (III)	based on APHA 3120 B, APHA 3125 B and APHA 3500-Cr B (Calculation)
	Copper (Cu)	In-house method SGS-TM-ENVI-003 based on APHA 3125 B
	Cyanide (CN)	APHA 4500-CN C & E, 24" Edition
	Unionized Ammonia (NH3)	In-house method SGS-TM-ENVI-W- 097 based on APHA 4500-NHs F
	Ammoniacal nitrogen (NH3-N).	APHA 4500-NHs F, Edition
	Nitrite (NO2)	APHA 4500-NOz B, 24" Edition

Schedule

Issue date: 25 March 2025
Valid Until: -



NO: SAMM 1126

Page: 3 of 4

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Nitrate (NO ₃)	APHA E, 24' Edition
	Ortho-Phosphate (as PO ₄ or P)	APHA 4500-P E, Edition
	Total Phosphate (as PO ₄ or P)	APHA 4500-P B & E, Edition
	Phenol	APHA 5530 B & C, Edition
	Total Suspended Solids	APHA 2540 D, 24" Edition
	Dissolved Oxygen (In-Situ)	APHA 4500-O G, Edition
	Temperature (In-Situ)	APHA 2550 B, 24" Edition
	pH	APHA 4500-H* B, Edition
	Colour	APHA 2120 F, 24" Edition
	Paraquat & Diquat	In-house method SGS-TM-ENVI-109 based on EPA 549.2
	Chlorinated Phenoxyacid Compounds - 2,4-D, 2,4,5-TP, 2,4,5-T & Dinoseb	In-house method SGS-TM-ENVI-004 based on EPA 8321 B
	Lead, Pb	None
	Uranium, U	None
	None	In-house method, SGS-TM-MICR-
	Turbidity	APHA 2130 B, 2005
	Free, Combined and Total	In-House Method 0501 based on
	Free, Combined and Total	In House Method 0501 based on
	Salinity	APHA 2520. B
	Salinity	APHA 2520. B
Marine Water	Manganese (Mn) Chromium (Cr)	None
Ground Water	Calcium (Ca)	None
Drinking Water		
River Water	Iron (Fe)	None
	Conductivity	APHA 2510 B
	Temperature (in situ)	In House OEL ? SP/23-01 Based On
	Fecal Coliform	APHA 9222 D
	Colour	APHA - 2120B
	Sulphide	APHA - 4500S-F
	Metals:	APHA - 3120B; Inductive Coupled
	Metals:	USEPA 200.8(ICPMS)
	Nickel as Ni	USEPA 200.8(ICPMS)
	Anions:	APHA - 4110 B; Ion
	Trihalomethanes:	APHA - 6200 B (GCMS)
	Phorate	None
	Beta-lindane	None
	Free Carbon Dioxide	APHA-4500CO ₂ -C
	Acenaphthene	None
	Trichlorophenoxypropionic Acid)	University of Technology (HPLC)
	n-Hentriacontane	None
	Heterotrophic Plate Count (35°C)	APHA - 9215B; 2017 (Pour Plate
	None	None
	Uranium (U)	In House Method 0582 based on
	Oil and Grease (Emulsified	APHA 5520 B & F, 2017
	None	None
	Total Phosphorus	USEPA Method 200.7

Schedule

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NO: SAMM 1126

Page: 4 of 4

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Phosphate	USEPA Method 200.7
	None	None
	Enumeration of Escherichia coli	APHA 9221 G
	Standard Total Coliform	APHA 9222 B
	Colour (ADMI)	APHA 2120 F, 24" Edition
	Petroleum Hydrocarbon (C6-C10)	In-house method SGS-TM-ENVI-S- 001 (Solvent Extraction / Purge-and- Trap GC-MS)
	None	018 based on APHA 9222 B (Membrane Filtration)
	Sulphite -" Reducing Anaerobes	ISO 6461/2:1986 (Membrane
	Total Coliform Count	APHA 9222 B
	Total Dissolved Solid	APHA 2540 C
	Barium as Ba	None
	None	None
	None	None
	None	None
River Water Marine Water	Nitrite	APHA 4500-NO* B
	Temperature	APHA 2550 B
Sewage Water	Biochemical Oxygen Demand	APHA 5210 B
	Nickel (Ni)	None
	Biochemical Oxygen Demand (BOD-5 Days)	APHA 5210 B
	Chemical Oxygen Demand (COD)	APHA 5220 B
	Total Suspended Solid (TSS)	APHA 2540 D
	Total Solid (TS)	APHA 2540 B
	Ammonical Nitrogen (AN)	APHA 4500-NH3C
	Barium, Selenium, Aluminium, Silver	APHA' 3120 B
	Dissolved Oxygen	4500-0 G
	Anionic Surfactants as	5540 C
	Spore of sulfite-reducing	BS EN 26461-2: 1993
Sewage Water Water:	Fluoride	APHA D
	Chloride	APHA 4500-CI B
Water:	Copper (Cu)	None
	pH	APHA 4500-H* B
	Temperature	APHA 2550 B
	MLSS, MLVSS	In-house Method Based on APHA
	pH	APHA 4500 H+ B
Water: River Water	Total Solids	APHA 2540 B

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