

Schedule

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LABORATORY LOCATION/ CENTRAL OFFICE:	Prisma Laboratory (M) Sdn. Bhd., Selangor No.28-1, Jalan Sungai Burung AA32/AA, Bukit Rimau, 40460 Shah Alam Selangor , 40460, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	19 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., Selangor No.28-1, Jalan Sungai Burung AA32/AA, 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
Environmental Monitoring:	pHAPHA 4500-H+B	pH
	pH	
	CyanideAPHA 4500 CN- C, E	Cyanide
	Cyanide	
	AluminiumNone	Aluminium
Ground (water)	Aluminium	
	AluminiumAPHA 3111 D	Aluminium
	Aluminium	
	LeadNone	Lead
	Lead	
	LeadAPHA 3111 B	Lead
	Lead	

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	NickelNone	Nickel
	Nickel	
	ZincNone	Zinc
	Zinc	
	CadmiumNone	Cadmium
	Cadmium	
	CopperNone	Copper
	Copper	
	AluminiumAPHA 3111 D	Aluminium
	Aluminium	
	BariumNone	Barium
	Barium	
	MercuryIn house method (INH/TM/WTR/001)	Mercury
	Mercury	
	Mercurybased on Agilent Vapor Generation	Mercury
	Mercury	
	MercuryAccessory VGA 77 & VGA 77P	Mercury
	Mercury	
	ArsenicIn house method (INH/TM/WTR/002)	Arsenic
	Arsenic	
	Arsenicbased on Agilent Vapor Generation	Arsenic
	Arsenic	
	ArsenicAccessory VGA 77 & VGA 77P	Arsenic
	Arsenic	
	TinIn house method (INH/TM/WTR/003)	Tin
	Tin	
	Tinbased on Agilent Vapor Generation	Tin
	Tin	
	TinAccessory VGA 77 & VGA 77P	Tin
	Tin	
	SeleniumIn house method (INH/TM/WTR/004)	Selenium
	Selenium	
	Seleniumbased on Agilent Vapor Generation	Selenium
	Selenium	
	SeleniumAccessory VGA 77 & VGA 77P	Selenium
	Selenium	

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Trivalent ChromiumIn house method (INH/TM/WTR/005)	Trivalent Chromium
	Trivalent Chromium	
	Trivalent Chromiumbased on APHA 3111 B and APHA	Trivalent Chromium
	Trivalent Chromium	
	Trivalent Chromium3500 Cr-B	Trivalent Chromium
	Trivalent Chromium	
Industrial Effluent (water)	BariumNone	Barium
	Barium	
Industrial Effluent (water) Sewage (water)	Temperature Chemical Oxygen Demand (COD), Closed reflux	Temperature Chemical Oxygen Demand (COD), Closed reflux
	APHA 2550 B APHA 5220 C	
	Temperature Chemical Oxygen Demand (COD), Closed reflux	
	Chemical Oxygen Demand (COD), Open reflux	Chemical Oxygen Demand (COD), Open reflux
	APHA 5220 B	
	Chemical Oxygen Demand (COD), Open reflux	
	Biochemical Oxygen Demand (BO	Biochemical Oxygen Demand (BO
	APHA 5210 B & APHA 4500 O G	
	Biochemical Oxygen Demand (BO	
	Dissolved oxygen, (DO)APHA	Dissolved oxygen, (DO)
	4500 O G	
	Dissolved oxygen, (DO)	
	Total Suspended Solids, (TSS)APHA 2540 D	Total Suspended Solids, (TSS)
	Total Suspended Solids, (TSS)	
	Total Dissolved Solids, (TDS)APHA 2540 C	Total Dissolved Solids, (TDS)
	Total Dissolved Solids, (TDS)	
	Total Solids, (TS)APHA 2540 B	Total Solids, (TS)
	Total Solids, (TS)	
	Oil & GreaseAPHA 5520 B	Oil & Grease
	Oil & Grease	
	Ammoniacal NitrogenAPHA 4500 NHs B, C	Ammoniacal Nitrogen
	Ammoniacal Nitrogen	
	ChlorideAPHA 4500 Cl- B	Chloride
	Chloride	
	Colour ADMIAPHA 2120 F	Colour ADMI
	Colour ADMI	
	Hexavalent ChromiumAPHA 3500-Cr B	Hexavalent Chromium
	Hexavalent Chromium	

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Industrial Effluent (water) Sewage (water) (continue)	Free ChlorineAPHA 4500 Cl G Free Chlorine	Free Chlorine
	Sulfide FluorideAPHA 4500 S2. D APHA 4500 F- D Sulfide Fluoride	Sulfide Fluoride
	PhenolAPHA 5530 B, C, D Phenol	Phenol
	BoronAPHA 4500 B, C Boron	Boron
	TurbidityAPHA 2130 B Turbidity	Turbidity
	FormaldehydeHACH 8110, 8" Edition (2014) Formaldehyde	Formaldehyde
	NitriteAPHA 4500 B Nitrite	Nitrite
	NitrateHACH 8039, 10' Edition (2019) Nitrate	Nitrate
	Reactive Phosphorus (Orthophosphate)HACH 8048, 10' Edition (2017) Reactive Phosphorus (Orthophosphate)	Reactive Phosphorus (Orthophosphate)
	SilverNone Silver	Silver
	LeadNone Lead	Lead
	NickelAPHA 3111 B Nickel	Nickel
	ZincNone Zinc	Zinc
	CadmiumNone Cadmium	Cadmium
	CopperNone Copper	Copper
	IronNone Iron	Iron
Marine (water) River (water)	SilverNone Silver	Silver
Marine (water) River (water) Ground (water)	pH TemperatureAPHA 4500-H+B APHA 2550 B pH Temperature	pH Temperature
	Chemical Oxygen Demand (COD), Closed refluxAPHA 5220 C	Chemical Oxygen Demand (COD), Closed reflux
	Chemical Oxygen Demand (COD), Closed reflux	

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Chemical Oxygen Demand (COD), Open reflux APHA 5220 B	Chemical Oxygen Demand (COD), Open reflux
	Chemical Oxygen Demand (COD), Open reflux	
	Biochemical Oxygen Demand (BOD) APHA 5210 B & APHA 4500 O G	Biochemical Oxygen Demand (BOD)
	Biochemical Oxygen Demand (BOD)	
	Dissolved oxygen, (DO) APHA 4500 O G	Dissolved oxygen, (DO)
	Dissolved oxygen, (DO)	
	Total Suspended Solids, (TSS) APHA 2540 D	Total Suspended Solids, (TSS)
	Total Suspended Solids, (TSS)	
	Total Dissolved Solids, (TDS) APHA 2540 C	Total Dissolved Solids, (TDS)
	Total Dissolved Solids, (TDS)	
	Total Solids, (TS) APHA 2540 B	Total Solids, (TS)
	Total Solids, (TS)	
	Oil & Grease APHA 5520 B	Oil & Grease
	Oil & Grease	
	Ammoniacal Nitrogen APHA 4500 NHs B, C	Ammoniacal Nitrogen
	Ammoniacal Nitrogen	
	Chloride APHA 4500 Cl- B	Chloride
	Chloride	
	Colour ADMI APHA 2120 F	Colour ADMI
	Colour ADMI	
	Hexavalent Chromium APHA 3500-Cr B	Hexavalent Chromium
	Hexavalent Chromium	
	Free Chlorine APHA 4500 Cl G	Free Chlorine
	Free Chlorine	
	Cyanide APHA 4500 CN- C, E	Cyanide
	Cyanide	
	Sulfide APHA 4500 S2. D	Sulfide
	Sulfide	
	Fluoride APHA 4500 F- D	Fluoride
	Fluoride	
	Phenol APHA 5530 B, C, D	Phenol
	Phenol	
	Boron APHA 4500 B, C	Boron
	Boron	
	Turbidity APHA 2130 B	Turbidity
	Turbidity	

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	FormaldehydeHACH 8110, 8" Edition (2014)	Formaldehyde
	Formaldehyde	
	NitriteAPHA 4500 NOz B	Nitrite
	Nitrite	
	NitrateHACH 8039, Edition (2019)	Nitrate
	Nitrate	
Sewage (water) (continue)	Reactive Phosphorus (Orthophosphate)HACH 8048, 10' Edition (2017)	Reactive Phosphorus (Orthophosphate)
	Reactive Phosphorus (Orthophosphate)	
	MercuryIn house method (INH/TM/WTR/001)	Mercury
	Mercury	
	Mercurybased on Agilent Vapor Generation	Mercury
	Mercury	
	MercuryAccessory VGA 77 & VGA 77P	Mercury
	Mercury	
	ArsenicIn house method (INH/TM/WTR/002)	Arsenic
	Arsenic	
	Arsenicbased on Agilent Vapor Generation	Arsenic
	Arsenic	
	ArsenicAccessory VGA 77 & VGA 77P	Arsenic
	Arsenic	
	TinIn house method (INH/TM/WTR/003)	Tin
	Tin	
	Tinbased on Agilent Vapor Generation	Tin
	Tin	
	TinAccessory VGA 77 & VGA 77P	Tin
	Tin	
	SeleniumIn house method (INH/TM/WTR/004)	Selenium
	Selenium	
	Seleniumbased on Agilent Vapor Generation	Selenium
	Selenium	
	SeleniumAccessory VGA 77 & VGA 77P	Selenium
	Selenium	

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	Trivalent Chromium	
	Trivalent Chromiumbased on APHA 3111 B and APHA	Trivalent Chromium
	Trivalent Chromium	
	Trivalent Chromium3500 Cr-B	Trivalent Chromium
	Trivalent Chromium	

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