


Schedule

Issue date: 18 March 2025
Valid Until: -



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LABORATORY LOCATION/ CENTRAL OFFICE:	Taliworks Analytical Laboratory Sdn Bhd 38 Jalan SS 21/35 Damansara Utama 47400 Petaling Jaya, Selangor , 47400, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	18 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:	Taliworks Analytical Laboratory Sdn Bhd 38 Jalan SS 21/35 Damansara Utama 47400 Petaling Jaya, Selangor , 47400, 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
Water - Surface Water - River Water - Well Water - Ground Water - Treated Water - Potable/drinking And Domestic - Mineral Water	pH	APHA - 4500- H+B
	Colour	APHA - 2120 B APHA - 2120 C
	Turbidity	APHA - 2130 B
	Dissolved Oxygen	APHA - 4500 - O G
	Conductivity	APHA - 2510 B
	Alkalinity	APHA - 2320 B
	Hardness	APHA - 2340 C
	Total Dissolved Solids	APHA - 2540 C
	Total Suspended Solids	APHA - 2540 D
	Total Solids	APHA - 2540 B

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Biochemical Oxygen Demand @ 20°C for 5 Days	APHA - 5210 B (Membrane Electrode Method APHA-4500-OG)
	Chemical Oxygen Demand	APHA - 5220 B
	Nitrogen (Organic)	APHA - 4500-N (Org) B
	Anionic Surfactants (MBAS)	APHA - 5540 C
	Ammonia (N)	APHA - 4500-NH3 B & F APHA - 4500 NH3 B & C
	Pheno	APHA - 5530 B & D APHA - 5530 B & C
	Oil & Grease	APHA - 5520 B
	Fluoride	APHA - 4500-F-D APHA 4110 B
	Chloride	APHA 4110 B
	Nitrate (N)	APHA 4110 B
	Sulphate	APHA 4110 B
	Bromide	APHA 4110 B
	Nitrite	
	Phosphate	
	Free Residual Chlorine	APHA 4500-Cl G
	Total Residual Chlorine	
	Aluminium	APHA - 3500-Al B
	Cyanide	APHA - 4500-CN- C&D APHA - 4500-CN- C&F
	Silicon (as SiO ₂)	APHA - 4500 – SiO ₂ C
	Phosphorus (as PO ₄)	APHA - 4500-P D
	Calcium (as CaCO ₃)	APHA - 3500 - Ca B
	Magnesium (as CaCO ₃)	In-House 8 by Calculation based on APHA 2340 C and APHA 3500-Ca B
	Carbonate Alkalinity (as CaCO ₃)	APHA - 2320 B
	Bicarbonate Alkalinity (as CaCO ₃)	APHA - 2320 B
	Hydroxide Alkalinity (as CaCO ₃)	APHA - 2320 B
	Jar Test	In-House - 1a (Based on WHO, 1964)
	Marble Test	In-House - 1b (Based on WHO, 1964)
	Sample Pre-Treatment for Metals Analysis	APHA 3030 F

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Silver (as Ag) Barium (as Ba) Boron (as B) Cadmium (as Cd) Chromium (as Cr) Copper (as Cu) Iron (as Fe) Lead (as Pb) Magnesium (as Mg) Manganese (as Mn) Nickel (as Ni) Sodium (as Na) Zinc (as Zn) Calcium (as Ca) Potassium (as K) Cobalt (as Co)	APHA 3120 B (ICP)
Environmental Monitoring -waste Water - Industrial Effluent(including Palm Oil & Rubber Effluent) - Sewage Water	Temperature	APHA - 2550 B
	pH	APHA - 4500 - H* B
	Biochemical Oxygen Demand @ 20°C for 5 Days	APHA - 5210 B (Membrane Electrode Method APHA4500-OG)
	Chemical Oxygen Demand	APHA - 5220 B
	Total Suspended Solids	APHA - 2540 D
	Chromium (as Cr ⁶⁺)	APHA - 3500 - Cr B
	Chromium (as Cr ³⁺)	In-House 7 (Based on APHA 3500 Cr B)
	Cyanide	APHA - 4500 - CN- C&D APHA - 4500 - CN- C&F
	Boron	APHA - 4500 - B C
	Phenol	APHA - 5530 B & D APHA - 5530 B & C
	Sulphide	APHA - 4500 - S ²⁻ F
	Oil & Grease	APHA - 5520 B
	Colour (ADMI)	APHA - 2120 F
	Ammonia as N	APHA - 4500-NH3 B & F APHA - 4500 NH3 B & C
	Phosphorus	APHA - 4500-P B & D
	Free Residual Chlorine	APHA - 4500-Cl G
	Total Residual Chlorine	
	Fluoride Chloride Nitrate Sulphate Bromide Nitrite Phosphate	APHA 4110 B
	Sample Pre-Treatment for Metals Analysis	APHA 3030 F

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