

Schedule

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NO: SAMM 721

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LABORATORY LOCATION/ CENTRAL OFFICE:	Hach Malaysia Sdn. Bhd. 10, Persiaran Industri Taman Perindustrian Sri Damansara Bandar Sri Damansara 52200 Kuala Lumpur , 52200, WILAYAH PERSEKUTUAN KUALA LUMPUR MALAYSIA
	
ACCREDITED SINCE :	26 SEPTEMBER 2025
FIELD(S) OF TESTING:	CHEMICAL QUANTITIES
FIELD(S) OF CALIBRATION:	OPTICAL & PHOTOMETRIC

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).

*** The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of k=2 unless stated otherwise.**

CENTRAL LOCATION:	Hach Malaysia Sdn. Bhd. 10, Persiaran Industri Taman Perindustrian Sri Damansara Bandar Sri Damansara 52200 Kuala Lumpur , 52200, Wilayah Persekutuan Kuala Lumpur
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL QUANTITIES

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Chlorine	0.20 ppm 0.80 ppm	None
	1.50 ppm	None
	1.50 ppm	None
	1.50 ppm	None
	1.50 ppm	None
	1.50 ppm	None
	5.0 ppm	None
	0.20 ppm	None
	0.80 ppm	0.008 ppm
	0.80 ppm	None

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Conductivity	1.50 ppm	None
	1.50 ppm	None
	1000	5.2
	1000	None
	1000	5.2 uS/cm
	1000	None
Dissolved Oxygen	1000	None
	100%	1.00%
	100%	None
	100%	None
	100%	None
	100%	None
	100%	None
	100%	None
	100%	None
	100%	1.00%
	100%	None
	100%	None
	100%	None
	100%	None
	100%	None
Fluoride	100%	None
	0.5 ppm	0.01 ppm
	0.5 ppm	None
	5.0 ppm	0.03 ppm
	5.0 ppm	None
Hach Chlorine Meters	None	None
	None	0.008 ppm
	5.0 ppm	None
	5.0 ppm	None
Hach Conductivity	1.50 ppm	None
	1.50 ppm	None
Hach Dissolved	10.00 pH	None
Hach Dissolved Oxygen	10.00 pH	None
Hach Fluoride Meters	100%	None
	100%	None
Hach Ph Meters	4.00 pH	0.021 pH
	4.00 pH	0.021 pH
	4.00 pH	None
Hach Turbidimeters	1000	None
Hach Turbidity	None	None
Instruments	None	None
	10 KN to 50 KN	0.2 kN
	None	None
	1.2 MHz to 2.000 MHz	None
Meters	1.50 ppm	None

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	1.50 ppm	None
	10.00 pH	None
	10.00 pH	None
	1.50 ppm	None
	1.50 ppm	None
Oxygen Meters	10.00 pH	None
	10.00 pH	None
Ph	4.00 pH	None
	7.00 pH	0.018 pH
	7.00 pH	None
	10.00 pH	0.028 pH
	10.00 pH	None
	7.00 pH	0.018 pH
	7.00 pH	None
	10.00 pH	0.028 pH
	10.00 pH	None
Turbidity	10 NTU	0.17 NTU
	10 NTU	None
	20 NTU	0.32 NTU
	20 NTU	None
	100 NTU	1.6 NTU
	200 NTU	1.6 NTU
	800 NTU	15 NTU
	1000 NTU	16 NTU
	4000 NTU	62 NTU
	10 NTU	0.17 NTU
	10 NTU	None
	20 NTU	0.32 NTU
	20 NTU	None
	100 NTU	1.6 NTU
	100 NTU	None
	200 NTU	1.6 NTU
	800 NTU	15 NTU
	1000 NTU	16 NTU
	4000 NTU	62 NTU

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FIELD(S) OF CALIBRATION :	OPTICAL & PHOTOMETRIC,

SCOPE OF CALIBRATION : OPTICAL & PHOTOMETRIC

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Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
Absorbance	0.6 Abs	None	
	1.2 Abs	None	Base on Hach Method Photometrical Using
	1.8 Abs	0.005 Abs	Hach DR-Check Secondary (Absorbance)
	(at 420 nm, 520 nm, 560 nm, 610 nm)	None	Standard as Standard
	1.430 Abs	None	Base on Hach Method Photometrical Using
	0.624 Abs	0.007 Abs	Hach Test Filter Set as
	0.312 Abs	None	Standard
	(at 546 nm)	None	
	0.6 Abs	None	
	1.2 Abs	None	Base on Hach Method Photometrical Using
	1.8 Abs	0.005 Abs	Hach DR-Check Secondary (Absorbance)
	(at 420 nm, 520 nm, 560 nm, 610 nm)	None	Standard as Standard
	1.430 Abs	None	Base on Hach Method Photometrical Using
	0.624 Abs	0.007 Abs	Hach Test Filter Set as
	0.312 Abs	None	Standard
	(at 546 nm)	None	
	241 nm to 641 nm	None	Comparison with Potassium Dichromate
Color (pt-co)	610 nm)	None	Method 8025 Using
	610 nm)	None	Standard Method 1.2, Method 8025 Using
Hach	610 nm)	None	
	500 Pt-Co	None	
	(at 546 nm)	None	
	610 nm)	None	
	500 Pt-Co	None	
	(at 546 nm)	None	
Spectrophotometers	610 nm)	None	Base on Platinum-Cobalt
	610 nm)	None	Standard Method 1.2,
	500 Pt-Co	None	

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Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
	(at 546 nm)	None	
	(at 546 nm)	None	Base on Hach Method
	610 nm)	None	Base on Platinum- Cobalt
	500 Pt-Co	None	
	360.9 nm	None	
	360.9 nm	0.30 nm	Base on Hach Method