


Schedule

Issue date: 01 March 2024
Valid Until: 07 June 2029



NO: SAMM 273

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LABORATORY LOCATION/ CENTRAL OFFICE:	Southern Regional Laboratory, Sg Semenyih Water Treatment Plant, Pengurusan Air Selangor Sdn. Bhd. Presint 19, 62150 WP Putrajaya , 81000, WILAYAH PERSEKUTUAN PUTRAJAYA MALAYSIA
	
ACCREDITED SINCE :	14 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).

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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 Raw Water Treated Water	pH	APHA 4500 - H ⁺ B, 21st Edition
	Turbidity	APHA 2130B, 21st Edition
	Color	HACH 8025
	Fluoride	HACH 8029
	Ammonia	HACH 8038
	Iron, Total	HACH 8008
	Manganese	HACH 8149
	JAR Test	In-house method, AIS-I-422
	Alkalinity	APHA 2320B, 21st Edition
	Biological Oxygen Demand, 5 days	APHA 5210B, 21st Edition

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Chemical Oxygen Demand	HACH 8000
	Dissolved Oxygen	APHA 4500 OG, 21st Edition
	Chlorine - Free	HACH 8021 and HACH 10069
	Chlorine – Total	HACH 8167 and HACH 10070
	Total Dissolved Solid	APHA 2540C, 21st Edition
	Hardness	HACH 8226
Water Raw Water effluent Treated Water Drinking Water	Fluoride	APHA-4110 B, 21st Edition
	Chloride	
	Bromide	
	Sulphate	
	Phosphate	
	Nitrate	
Water Effluent Water	Nitrite	HACH 8326
	Aluminium	
	Biological Oxygen Demand, 5 Days	
Water Drinking Water Treated Water	Chemical Oxygen Demand	APHA-5210 B, 21st Edition
	Free Chlorine MR	HACH 8000
		HACH method 10245

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