


NO: SAMM 864

Page: 1 of 2

<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	Makmal Pusat, Syarikat Air Melaka Berhad Bahagian Kualiti Air, Loji Rawatan Air Daf, Jalan Padang Keladi, 76100 Durian Tunggal, Melaka , 76100, MELAKA MALAYSIA
	
<b>ACCREDITED SINCE :</b>	06 APRIL 2025
<b>FIELD(S) OF TESTING:</b>	CHEMICAL MICROBIOLOGY

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).

<b>CENTRAL LOCATION:</b>	Makmal Pusat, Syarikat Air Melaka Berhad Bahagian Kualiti Air, Loji Rawatan Air Daf, Jalan Padang Keladi, 76100 Durian Tunggal, Melaka , 76100, Melaka
<b>FIELD(S) OF TESTING :</b>	CHEMICAL, MICROBIOLOGICAL

**SCOPE OF TESTING : CHEMICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Raw Water	On-site Sampling	In-house Method -
	Fluoride	HACH Method No 10225
	On-site sampling	In-house Method: LAB/PK/09
	Carbonate Alkalinity as CaCO <sub>3</sub>	APHA - 2320B
	Thionazin	525.3 (GCMS)
	Hexachlorobenzene	None
	Naphthalene	Journal of Chemistry 3 (2): 51-54, Method)
	None	None
	None	None
	None	None
	None	None
	Anionic Surfactants as MBAS	APHA 5540 C

# Schedule

Issue date: 06 April 2025  
Valid Until: -



NO: SAMM 864

Page: 2 of 2

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Turbidity	APHA 2130 B
	pH	APHA 4500 - H*B
	Color	HACH Method No. 8025
	Lead as Pb	APHA 3111 B
	Total Solid	APHA 2540 B
	Beryllium as Be	None
Treated Water	pH	HACH Method (Senslon + pH1)
	Aluminum	HACH Method No . 8326
	Detection of Coliform	Colilert Method (IDEXX)
	Copper (Cu)	None
	Aluminium as Al	None
	Potassium as K	None
	Chloroform	None
	Sulfotep	None
	Aplha-lindane	None
	2-Methylnaphthalene	2008) (GCMS)
	2-Chlorobiphenyl	525.3(GCMS)
	n-Nonacosane	None
	None	None
	Escherichia coli	APHA 9221G.2; 2017 (MPN
	(Clostridia) (100 ml)	None
	None	None
	Free Chlorine, High Range	HACH Method No . 10069
	Turbidity	APHA 2130 B
	pH	APHA 4500 - H*B
	Color	HACH Method No. 8025
	Chlorine, Free	HACH Method No. 8021
	Free Chlorine, High Range	HACH Method No. 10069
	Simultaneous Detection of Total	APHA 9223 B

## SCOPE OF TESTING : MICROBIOLOGY

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
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