


Schedule

Issue date: 16 July 2025
Valid Until: -



NO: SAMM 707

Page: 1 of 3

LABORATORY LOCATION/ CENTRAL OFFICE:	Makmal Pusat Air Kelantan (MPAK) Loji Rawatan Air Kg. Puteh, Jalan Kuala Krai 15050 Kota Bharu, Kelantan , 15050, KELANTAN MALAYSIA
	
ACCREDITED SINCE :	16 JULY 2025
FIELD(S) OF TESTING:	CHEMICAL MICROBIOLOGICAL
SITE:	
1 . SITE LABORATORY(HQ) :	
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:	Makmal Pusat Air Kelantan (MPAK) Loji Rawatan Air Kg. Puteh, Jalan Kuala Krai 15050 Kota Bharu, Kelantan , 15050, Kelantan
FIELD(S) OF TESTING :	CHEMICAL, MICROBIOLOGICAL

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Raw	Iron	HACH DR6000 test method as documented MPAK/TM/05
	Manganese	HACH DR6000 test method as documented MPAK/TM/06
	Aluminium	HACH DR6000 test method as documented MPAK/TM/07
	Fluoride	Fluoride SPADNS 2 Method (HACH 10225)

Schedule

Issue date: 16 July 2025
Valid Until: -



NO: SAMM 707

Page: 2 of 3

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Treated	Iron	HACH DR6000 test method as documented MPAK/TM/05
	Manganese	HACH DR6000 test method as documented MPAK/TM/06
	Aluminium	HACH DR6000 test method as documented MPAK/TM/07
	Fluoride	Fluoride SPADNS 2 Method (HACH 10225)

SCOPE OF TESTING : MICROBIOLOGICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Raw	Total Coliform and E. coli	Based on Idexx Colilert Method (Presence/ Absence - Qualitative Method 2013)
Water Treated	Total Coliform and E. coli	Based on Idexx Colilert Method (Presence/ Absence - Qualitative Method 2013)

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Issue date: 16 July 2025
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NO: SAMM 707

Page: 3 of 3

SITE LOCATION (HQ)	1.
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	pH	APHA 4500 H+ test method as documented in MPAK/TM/02
	Turbidity	HACH 2100Q test method as documented in MPAK/TM/04
	Free Chlorine	HACH 8021 test method as documented in documented in MPAK/TM/03
Water Treated	pH	APHA 4500 H+ test method as documented in MPAK/TM/02
	Turbidity	HACH 2100Q test method as documented in MPAK/TM/04
	Free Chlorine	HACH 8021 test method as documented in documented in MPAK/TM/03

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