

Schedule


Issue date: 26 March 2025
Valid Until: -



NO: SAMM 378

(Issue 1, 26 March 2025 replacement
of SAMM 378 dated 19 September 2025)

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LABORATORY LOCATION/ CENTRAL OFFICE:	Petronas Chemicals Fertilizer Kedah Sdn. Bhd. KM 3, Jln Jeniang P.O Box 22 08300 Gurun, Kedah , 8300, KEDAH MALAYSIA
	
ACCREDITED SINCE :	26 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:	Petronas Chemicals Fertilizer Kedah Sdn. Bhd. KM 3, Jln Jeniang P.O Box 22 08300 Gurun, Kedah , 8300, Kedah
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
Methanol	Acidity (as Acetic Acid)	ASTM D 1613 - 06
	Specific Gravity, 20/20°C	ASTM D 4082 - 11
	Water Content	ASTM E 1064- 12
	Distillation Range	ASTM D 1078 - 11
	Non-volatile Matter	ASTM D 1353- 13
	Permanganate Time	ASTM D 1363 -" 06 (reapproved 2011)
	Water Miscibility/Hydrocarbon	ASTM D 1722 - 09
	Carbonizable Substances	ASTM E 346 -" 08 (2009)
	Acetone Content	In-house Method PCFK -" 05
	Acidity (as Acetic Acid)	ASTM D 1613 - 06
	Specific Gravity, 20/20°C	ASTM D 4082 - 11
	Water Content	ASTM E 1064- 12
	Distillation Range	ASTM D 1078 - 11

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	Permanganate Time	ASTM D 1363 -" 06 (reapproved 2011)
	Water Miscibility/Hydrocarbon	ASTM D 1722 - 09
	Carbonizable Substances	ASTM E 346 -" 08 (2009)
	Acetone Content	In-house Method PCFK -" 05
	None	ACEN-23-5, ?Organic Impurities by Gas
	None	Paul A., ?Part 2: Analytical Procedures
	Color of Clear Liquids (Platinum-	ASTM D1209-05 (2019)
Steam Condensates & Demineralizer Effluents	Ammonia Nitrogen	ASTM D 1426-08: Test Method A
	Ammonia Nitrogen	ASTM D 1426-08: Test Method A
Urea	Water Content	ASTM E 203 - 08
	Total Nitrogen	AOAC 993.13 (1996)
	Biuret	AOAC 960.04 (1980)
	None	In-house Method PCFK -" 05
	Water Content	ASTM E 203 - 08
	Total Nitrogen	AOAC 993.13 (1996)
	Biuret	AOAC 960.04 (1980)
	None	In-house Method PCFK -" 05
Wastewater E	COD	APHA 5220 D (1997)
	Cu, Mn, Zn, B, Ba, Fe	APHA 3120 -" B (1999)
	None	In-house Method PCFK -" 05
	COD	APHA 5220 D (1997)
	Cu, Mn, Zn, B, Ba, Fe	APHA 3120 -" B (1999)
	None	In-house Method PCFK -" 05
	None	None
	None	None
	Aluminum (Al)	None
	Biochemical Oxygen Demand	None
	None	None
	Potassium (K)	None
	None	134-A of Manual of Pesticides
	None	APHA 9215 B, 2017
Water Water E	pH	APHA 4500 -" H+ (2000)
	pH	APHA 4500 -" H+ (2000)

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