Issue date: 06 April 2025
Valid Until: -

NO: SAMM 498

LABORATORY LOCATION/ CENTRAL OFFICE:	RH Agrotech Sdn. Bhd. No. 85-86, 1st Floor, Pusat Suria Permata Jalan Upper Lanang 12A, 96000 Sibu, Sarawak , 13600, SARAWAK MALAYSIA
ACCREDITED SINCE :	06 APRIL 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:	RH Agrotech Sdn. Bhd. No. 85-86, 1st Floor, Pusat Suria Permata Jalan Upper Lanang 12A, 96000 Sibu, Sarawak , 13600, Sarawak
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
(continued)	None	None
	None	None
	None	None
	None	None
	moisture content relationship	BS 1377:1990, Part 4, Clause 3
	compressive strength	BS 1377:1990, Part 7, Clause 7.2
	distribution: wet sieving, dry	BS 1377:1990, Part 2, Clause 9.2,
	number of a soil	Equipment: glass beaker, test tube
	test	None
	Power frequency magnetic field	IEC 61000-4-8:2009
	11. Determination of Viscosity	In-house ESL QPL A011
	None	None
	Boron (as % B2Os)	In-house Method P02-10 based on

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	and Management unit PORIM pg.31
	None	1994
	None	None
	Seal Degradation Test	AS/NZS 4284: 2008 (Clause 8.10)
	Seismic and Wind Induced Inter	AAMA 501.4-2018 (Clause 7.0)
	None	None
	None	None
	None	None
	None	None
	Escherichia coli	APHA 9221.F (MPN) APHA 9222.H (Membrane Filter)
	Fecal Streptococci	APHA 9230.C (Membrane Filter)
	Clostridium perfringens	HPA NSM WS5 Issue 3 (Membrane Filter)
	Pseudomonas aeruginosa	APHA 9213.E (Membrane Filter)
	Sulphite reducing anaerobes	ISO 6461-2:1986 (Membrane Filter)
	penetration)	None
	Dynamic Water Penetration Test	AAMA 501.1-17
	Seal Degradation Test	AS/NZS 4284:2008
	Seismic and Wind Induced Inter	AAMA 501.4-2009
	None	ASTM E330/ E330M-14
	of Transparent and Opaque Liquids	None
	Smoke Point	ASTM D1322
	Determination of Calcium	MS 679: Part - V: Part IV, Clause 5,
	Force at Break(0-500N) Elongation at break (0 -” 1000%)	None
	None	None
	None	None
	None	None
	None	None
	None	ASTM E 190:2014
	a. Vickers (HvN)	ASTM E384-2017
	Nitrofuran residues:	In-house Method, Ref. No. MOH D03-
	None	DIN ISO 34-1:2016 AS 1683.12: 2001 (2018)
	Abrasion Resistance	ASTM D5963-04 (2019) (Method A) ISO 4649: 2017 (Method A) DIN ISO 4649:2014 (Method A)
	DC to 1 kHz	(of reading) 0.0035 Q
	at Frequency: 2.5 MHz to 1.3 GHz	(of reading)
	1 kHz	0.000048 nF
	100 Q DC to 1 kHz	0.023 Q
	None	0.5 bar

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	None
	Liquid Limit	None
	None	None
	None	None
	None	None
Agricultural Products And	None	None
	None	None
	Arsenic (as As)	None
	Moisture	In-house Method UHW02-02-1
	Total Potassium	In-house Method UHW02-06-1
	None	None
	None	None
	Moisture	MS 417: Part 2 :1994 (Oven Drying
	Total Magnesium (as MgO)	MS 417-6:2020, Clause 6.1, Method
	Moisture	MS 417: Part 2 : 1994 (Oven Drying
	Moisture	MS 417: Part 2 :1994 (Oven Drying
	Total Phosphorous (as	In-house Method, Ref. No. F3,
Agricultural Products And Materials	Method of Sample Preparation	In-house Method ID T001-S based on MS 678: Part 1: 1980
	Sample preparation	MS 677: Part I(a):1980
	Ashing and Preparation of Ash Solution	MS 677: Part
	Nitrogen (N)	MS 677: Part
	None	None
	Nitrogen Ammoniacal Nitrogen -	MS 417:Part 3: 1994 Clause 5
	None	None
	None	None
Fertilizer Compound E	Moisture	MS 417: Part 2: 1994, Clause 3
	Total Copper	In-house Method ID T011-F based
Fertilizer Mixture E	None	None
Leaf Samples	Method of Sample Preparation	MS 677: Part 1: 1980
Materials	None	None
	None	None
	None	None
	None	None
	None	based on MS 417: Part 2: 1994 (First
	Vickers Hardness 1 gf to 30 kgf	E384-2017
	(0.1 kgf and 1 kgf load)	None
	ii Lead (Pb)	on BS EN 14084:2003
	None	based on MS 417: Part 3: 2020,
	None	Analysis: The Johan Kjeldahl
	None	based on MS 417: Part 3: 2020,
	N)	Analysis: The Johan Kjeldahl

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	based on MS 417 Part 7:2020,
	Fertilizers	None
	None	None
	Vickers Hardness 1 gf to 30 kgf	E384-2017
	(0.1 kgf and 1 kgf load)	None
	Volume Resistance or Resistivity	ANSI/ESD STM 11.12-2015
	None	None
	None	Method)
	None	Based on MS 417: Part 2 : 1994
	None	1: Atomic Absorption
	None	Method)
	None	Based
	None	on MS 417-3: 2020, Clause 12,
	None	Based on MS 417-4: 2020, Clause
Mineral Soil E	(K, Mg, Ca)	on MS 678: Part IV: 1980
Peat Soil E	Exchangeable Cations	In-house Method ID T005-S based
Soils	pH	In-house Method ID T002-S based
	Moisture content	BS 1377-2:1990 Clause 3.2
	Liquid limit (cone penetrometer)	BS 1377-2:1990 Clause 4.3
	Determination of moisture	BS 1377:2016, Part 1
	Determination of dry density/	BS 1377:2016, Part 1
	Determination of the unconfined	BS 1377:2016, Part 1
	Determination of particle size	BS 1377:2016, Part 1
	Determination of Emerson class	AS 1289.3.8.1, 2017
	Determination of water content	BS EN ISO 17892-1:2014
	Determination of bulk density: Linear measurement method	BS EN ISO 17892-2:2014
	Determination of particle size distribution: Sieving method and hydrometer method	BS EN ISO 17892-4:2016
	Determination of liquid and plastic limits	BS EN ISO 17892-12:2018
	JKM E0420: Determination of	US EPA 3051A & EPA Method 6010D
	Cadmium Chromium	None
	Determination of moisture content	ASTM D2216-19
	Determination of MoistureBS 1377-2:1990, Clause 3 Determination of Moisture	Determination of Moisture
	In-situ density tests: SandBS 1377-9:1990: Clause 2.1 In-situ density tests: Sand	In-situ density tests: Sand
Straight Fertilizers E	Method of Sample Preparation	MS 417: Part 1: 1994, Clause 5
Straight Fertilizers E Fertilizer Mixture E	Total Calcium (as CaO)	In-house Method ID TO09-F based on MS 417: Part 8: 1997, Clause 11

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