Issue date: 19 March 2025

Valid Until: -



NO: SAMM 1045

Page: 1 of 5

LABORATORY LOCATION/ CENTRAL OFFICE:	Palm Biolab Sdn. Bhd. No. 58, 1st Floor, Pusat Suria Permata Jalan Lanang 96000 Sibu, Sarawak , 96000, SARAWAK MALAYSIA
ACCREDITED SINCE :	19 MARCH 2025
FIELD(S) OF TESTING:	CHEMICAL
	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:	Palm Biolab Sdn. Bhd.
	No. 58, 1st Floor, Pusat Suria Permata Jalan Lanang 96000 Sibu,
	Sarawak , 96000,
	Sarawak
FIELD(S) OF TESTING:	CHEMICAL, CHEMICAL

SCOPE OF TESTING: CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Fertilizer	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method :
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
	Moisture	n-house Method PBL/LTM/F1,
1		

Issue date: 19 March 2025

Valid Until: -



NO: SAMM 1045

Page: 2 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Nitrogen	In-house method F05 based on
		MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method :
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method I:
	Total Magnesium as MgO None	In-House No. FT02 (Based on None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2,
	Total Nitrogen (as N)	based
Plant	N	n-house Method PBL/LTM/P1,
Tant	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
Fertilizer	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on
	-	MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method :
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method :
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None

Issue date: 19 March 2025

Valid Until: -



NO: SAMM 1045

Page: 3 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method :
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
Plant	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980

SCOPE OF TESTING: CHEMICAL

Material / Product Tested	Type Of Test / Properties	Standard Test Methods /
	Measured / Range Of	Equipment / Techniques
	Measurement	
Fertilizer	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on
		MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method
		:
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2,
		based
	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on
		MS ISO 13878: 2014

Issue date: 19 March 2025

Valid Until: -



NO: SAMM 1045

Page: 4 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of Moisture	MS 417: Part 2: Clause 3, Method
	Total Magnesium as MgO None	In-House No. FT02 (Based on None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method
	Total Magnesium as MgO None	In-House No. FT02 (Based on None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
Plant	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
- - ertilizer	Moisture	n-house Method PBL/LTM/F1,
orunzoi	Total Nitrogen	In-house method F05 based on
	Total Milogen	MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02

Issue date: 19 March 2025

Valid Until: -



NO: SAMM 1045

Page: 5 of 5

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
	Moisture	n-house Method PBL/LTM/F1,
	Total Nitrogen	In-house method F05 based on MS ISO 13878: 2014
	Determination of Moisture	MS 417: Part 2: Clause 3, Method :
	Total Magnesium as MgO	In-House No. FT02 (Based on
	None	None
	Determination of Phosphorus,	In-House Method, TM-02
	Total Nitrogen (as N)	In-house Method, Ref. No. F2, based
Plant	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980
	N	n-house Method PBL/LTM/P1,
	Fe	In-house Method PBL/LTM/P9,
	Preparation of Leaves for	MS 677: Pt I - VIII: Part I: 1980
	Ash	MS 677: Part II: 1980