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of SAMM 1157 dated 11 June 2025)

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LABORATORY LOCATION/ CENTRAL OFFICE:	LCSB Analytical Laboratory, LKPP Corporation Sdn. Bhd. KM 42, JALAN KUANTAN-KUALA LUMPUR , 26020, PAHANG MALAYSIA
	
ACCREDITED SINCE :	11 JUNE 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:	LCSB Analytical Laboratory, LKPP Corporation Sdn. Bhd. KM 42, JALAN KUANTAN-KUALA LUMPUR , 26020, Pahang
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
Agricultural Products And Materials Plant Material	Drying and Grinding	MS 677: Part 1(a):1980, Clause 3 & 4
	Ashing and Preparation of Ash Solution	In House Method, AKP/LTM-002P based on MS 677: Part 2:1980
	Nitrogen (N)	In House Method, AKP/LTM-003P based on MS 677: Part 3: 1980 In Reference to Method for Nitrogen Analysis: The Johan Kjeldahl Method, Edition 03-2015
	Digestion & Distillation	
	Phosphorus (P)	In House Method, AKP/LTM-004P based on MS 677: Part 4: 1980
	Potassium (K)	In House Method, AKP/LTM-005P based on MS 677: Part 5: 1980

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Calcium (Ca)	In House Method, AKP/LTM-006P based on MS 677: Part 6: 1980
	Magnesium (Mg)	In House Method, AKP/LTM-007P based on MS 677: Part 7: 1980
	Boron (B)	In House Method, AKP/LTM-008P based on MS 677: Part 2: 1980
Agricultural Products And Materials Fertilizers And Liming Materials Straight Fertilizer	Nitrogen (N)	In House Method, AKP/LTM-002F based on MS 417: Part 3: 2020, Clause 6.1 (Method I) In Reference to Method for Nitrogen Analysis: The Johan Kjeldahl Method, Edition 03-2015
	Ammoniacal Nitrogen (as N)	
	Nitrogen (N)	In House Method, AKP/LTM-003F based on MS 417: Part 3: 2020, Clause 8 In Reference to Method for Nitrogen Analysis: The Johan Kjeldahl Method, Edition 03-2015
	Urea Nitrogen (as N)	
	Phosphorus (P)	In House Method, AKP/LTM-005F based on MS 417 Part 4:2020, Clause 6.3 (Method III)
	Total Phosphorus (as P ₂ O ₅)	
	Potassium (K)	In House Method, AKP/LTM-010F based on MS 417 Part 5:2020, Clause 6.3 (Method III)
	Total Potassium (as K ₂ O)	
	Magnesium (Mg)	In House Method, AKP/LTM-013F based on MS 417 Part 6:2020, Clause 6.2 (Method II)
Agricultural Products And Materials Fertilizers And Liming Materials Mixture/compound Fertilizer	Total Magnesium (as MgO)	
	Boron (B)	In House Method, AKP/LTM-017F based on MS 417 Part 7:2020, Clause 6
	Total Boron (as B ₂ O ₃)	
	Nitrogen (N)	In House Method, AKP/LTM-004F based on MS 417: Part 3: 2020, Clause 9 In Reference to Method for Nitrogen Analysis: The Johan Kjeldahl Method, Edition 03-2015
	Total Nitrogen (Nitrate Nitrogen and Ammoniacal Nitrogen) (as N)	
	Phosphorus (P)	In House Method, AKP/LTM-009F based on MS 417 Part 4:2020, Clause 13
	Total Phosphorus (as P ₂ O ₅) in Mixtures or Compound Fertilizers	
	Potassium (K)	In House Method, AKP/LTM-012F based on MS 417 Part 5:2020, Clause 8
	Total Potassium (as K ₂ O) in Mixtures or Compound Fertilizers	
	Magnesium (Mg)	In House Method, AKP/LTM-016F based on MS 417 Part 6:2020, Clause 9
	Total Magnesium (as MgO) in Mixtures or Compound Fertilizers	

Schedule

Issue date: 11 June 2025
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Boron (B) Total Boron (as B ₂ O ₃) in Mixtures or Compound Fertilizers	In House Method, AKP/LTM-018F based on MS 417 Part 7:2020, Clause 8

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