


NO: SAMM 601(Issue 2, 14 July 2025 replacement
of SAMM 601 dated 14 July 2025)

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LABORATORY LOCATION/ CENTRAL OFFICE:	Makmal Penentuan Kualiti dan Keselamatan Makanan, Bahagian Perkhidmatan Makmal, Jabatan Pertanian (DOA) Bahagian Perkhidmatan Makmal, Jabatan Pertanian, Jalan Sultan Salahuddin, 50632 W.P. Kuala Lumpur. , 43600, WILAYAH PERSEKUTUAN KUALA LUMPUR MALAYSIA
	
ACCREDITED SINCE :	14 JULY 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:	Makmal Penentuan Kualiti dan Keselamatan Makanan, Bahagian Perkhidmatan Makmal, Jabatan Pertanian (DOA) Bahagian Perkhidmatan Makmal, Jabatan Pertanian, Jalan Sultan Salahuddin, 50632 W.P. Kuala Lumpur. , 43600, Wilayah Persekutuan Kuala Lumpur
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 Compound Fertilizers	Phosphorus (as % P ₂ O ₅)	In-House Method (P05-7.2-BPK Mg) based on MS 417: Part 4, MS 417: Part 5, MS 417: Part 6, (ICP OES)
	Potassium (as % K ₂ O)	
	Magnesium (as % MgO)	
	Total Nitrogen	
	Total Phosphorus	
	Total Potassium	MS 417-5 2020
	Total Magnesium	MS 417-6 2020

Schedule

Issue date: 14 July 2025
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Agricultural Products And Materials Plant Material	Total Nitrogen	In-house Method P05-7.2-D-N Based on LECO application Note Determination of Nitrogen/Protein in Flour Using Nitrogen Analyzer (FP 828)
Agricultural Products And Materials Soil	Total Nitrogen	MS ISO 13878
	Total Organic Carbon	In-House Method P05-7.2-T-CNS based on MS ISO 10694 In-House Method P05-7.2-T-CNS based on GLOSOLAN-SOP-03
	pH	In-house method based on GLOSOLAN SOP-06
	pH	In-house method based on MS 2457:2012 (First Revision 2018)
	Electric Conductivity	In-house method based on GLOSOLAN SOP-07
	Electric Conductivity	In-house method based on MS 2458:2012 (First Revision 2018)
	Total Carbon	MS ISO 10694:2016
	Total Organic Matter	MS ISO 10694:2016
Water Water For Agriculture Purpose	pH	APHA 4500 H+B
	Conductivity	APHA 2510 B
	Total Solid	APHA 2540 B

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