


NO: SAMM 731

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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	Makmal XRD, Faculty of Science, UPM 43400 UPM Sedang, Selangor , 43400, SELANGOR MALAYSIA
	
<b>ACCREDITED SINCE :</b>	06 APRIL 2025
<b>FIELD(S) OF TESTING:</b>	MECHANICAL

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).

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<b>FIELD(S) OF TESTING :</b>	MECHANICAL,

**SCOPE OF TESTING : MECHANICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Ceramic E	None	using X-Ray Diffraction
Material	Material Characterisation using XRD	In-house Method -"
	count (TAMC)	None
	Pseudomonas aeruginosa	None
	DNA of Rice	using Real-time PCR
	Phosphinothricin N-acetyl	JKM G 7130 using Real-time PCR
	Identification of Maize 5307 using Realtime PCR	Methods for Maize 5307 verification based on Soichi T, Instruction-Test Method)
Metal E	(range: 80°)	
Organic)	None	None
Polymer (inorganic & E	None	None
Powder/solid	- Angle of diffraction peak	UPM/FS/WI-T1 (Working
	Material characterization using	In-house method by using X-Ray

## Schedule

Issue date: 06 April 2025  
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Thin/ Thick Film	Surface morphology imaging using	In House method -

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