


NO: SAMM 1084

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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	Apical Scientific Sdn. Bhd. No. 7-1 and 9-1, Jalan SP 2/7, Taman Serdang Perdana, Seksyen 2, 43300 Seri Kembangan, Selangor , 43300, SELANGOR MALAYSIA
	
<b>ACCREDITED SINCE :</b>	19 MARCH 2025
<b>FIELD(S) OF TESTING:</b>	NUCLEIC ACID

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>	NUCLEIC ACID,

**SCOPE OF TESTING : NUCLEIC ACID**

<b>Material / Product Tested</b>	<b>Type Of Test / Properties Measured / Range Of Measurement</b>	<b>Standard Test Methods / Equipment / Techniques</b>
Dna Sample Provided By The Customers	DNA Sequencing	In-house method ASL-SOP-SEQ-01 to ASL-SOP-SEQ-09 (Year: 2023; Rev: 1) based on Sanger DNA Sequencing by using Capillary Electrophoresis.
	Microsatellite Analysis	In-house method ASL-SOP-FAS-01 to ASL-SOP-FAS-05 (Year: 2023; Rev: 1) based on DNA Fragment Analysis by using Capillary Electrophoresis.

# Schedule

Issue date: 30 June 2025  
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Genomic Dna Provided By The Customers	Amplicon Metagenomic Next-Generation Sequencing	In-house method ASL-SOP-NGS-01 to ASL-SOP-NGS-13 (Year: 2023; Rev: 1) based on Illumina 16S Metagenomic Sequencing Library Preparation.
Bacterial Sample Provided By The Customers In The Form Of: - Genomic Dna - Microbial Culture	DNA Barcoding of Bacteria	In-house method ASL-SOP-DBC-Bacterial (Year: 2023; Rev: 1) based on "Current protocols in molecular biology" refer Supplement 42, "Preparation of Genomic DNA from Mammalian Tissue" PubMed: 2001-v133n1, Dec. 2020; ISSN: 1934-3639; and Geneaid Presto™ Mini gDNA Bacteria Kit.
Fungal Sample Provided By The Customers In The Form Of: - Genomic Dna - Microbial Culture	DNA Barcoding of Fungus	In-house method ASL-SOP-DBC-Fungal (Year: 2023; Rev: 1) based on "Current protocols in molecular biology" refer Supplement 42, "Preparation of Genomic DNA from Mammalian Tissue" PubMed: 2001-v133n1, Dec. 2020; ISSN: 1934-3639; and Geneaid Presto™ Mini gDNA Yeast Kit.

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