

NO: SAMM 708

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LABORATORY LOCATION:
(PERMANENT LABORATORY)

KINEANALYTIX SERVICES SDN. BHD.
NO. 64A, JALAN 1/2
TAMAN INDUSTRI INTEGRASI RAWANG
48000 RAWANG, SELANGOR

FIELD OF TESTING:**MICROBIOLOGY**

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).

SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Food and beverages (Including raw food, cooked food, semi-processed/processed food, canned food, dairy products and spices)	Aerobic Plate Count	USFDA, Jan 2001, Chapter 3
	Total Yeast and Mold Count	In house method based on USFDA, April 2001, Chapter 18
	Total <i>Escherichia coli</i> Count and Total Coliform Count	USFDA, July 2017, Chapter 4
	<i>Staphylococcus aureus</i>	USFDA, March 2016, Chapter 12
	<i>Salmonella</i> sp.	USFDA, April 2023, Chapter 5

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SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Food and beverages (Including raw food, cooked food, semi-processed/processed food, canned food, dairy products, spices, poultry, meats and seafood)	Enterobacteriaceae	AOAC 2003.01
	Total Coliform Count Total <i>E. coli</i> Count	AOAC 991.14 & AOAC 998.08
	<i>Bacillus cereus</i>	ISO 7932:2004(E)
	<i>Vibrio cholerae</i> <i>Vibrio parahaemolyticus</i> <i>Vibrio</i> spp.	ISO/TS 21872-1:2007(E) & ISO/TS 21872-2:2007(E)
	<i>Clostridium perfringens</i>	ISO 7937:2004 (E)
	<i>Listeria monocytogenes</i> <i>Listeria</i> spp.	Listeria Precip Method (Oxoid)
Environmental Sampling and Monitoring (Air & Surfaces)	Sedimentation Method Swab Contact Method	In-House Method Based on CMMEF 1992, Chapter 3 Microbiological Monitoring of the Food Processing Environment.

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Pharmaceutical, Cosmetic and Toiletries Products	Total Aerobic Microbial Count Total Combined Yeasts and Moulds Count	BP 2020 Appendix XVI B.5 BP 2020 Appendix XVI B.5
A. Non-sterile and Traditional (Herbal Medicinal) Products <ol style="list-style-type: none"> i. Powder/Granules ii. Tablets iii. Hard gel iv. Soft gel v. Pill vi. Oil vii. Liquid (Syrup/Water) viii. Cream ix. Ointment x. Patch/Plaster B. Traditional (Herbal Medicinal Products for Oral use) <ol style="list-style-type: none"> i. Using boiling water ii. Using pre-treatment iii. Without/ low level of pre-treatment 		

Note:

- USFDA: United States Food and Drug Administration
- BAM: Bacteriological Analytical Manual
- APHA: American Public Health Association
- AOAC: Association of Official Analytical Chemists
- BP: British Pharmacopeia
- CMMEF: Compendium of Microbiological Method Examination of Food

Signatory (ies):

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|----|---------------------|------------------|
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