

REPORT NO : MTL-C34807-2022-F  
DATE : 05 APRIL 2023

**CERTIFICATE OF ANALYSIS**

**CLIENT** : HAI CUAN BIRDNEST SDN.BHD.  
NO. 16, JALAN MELOR 7,  
KAWASAN PERINDUSTRIAN BATU 10,  
42500 TELOK PANGLIMA GARANG,  
SELANGOR DARUL EHSAN.

**SAMPLE DESCRIPTION** : ONE (1) SAMPLE OF BIRDNEST

**SAMPLE RECEIVED** : 30 SEPTEMBER 2022


**SAMPLE ANALYSIS DATE** : 30 MARCH 2023

**SAMPLE MARKING** : **ORIGINAL**  
ACCELERATED STABILITY STUDY – AFTER 6 MONTHS  
STORAGE CONDITION: 40°C / 75% RH


TEST PARAMETER	UNIT	TEST METHOD	RESULTS
Total Plate Count	cfu/g	FDA/BAM Chapter 3, Jan 2001	<10
Coliform	MPN/g	FDA/BAM Chapter 4, Sept 2002	N.D
<i>Escherichia coli</i>	MPN/g	FDA/BAM Chapter 4, Sept 2002	N.D
<i>Staphylococcus aureus</i>	cfu/g	FDA/BAM Chapter 12, Jan 2001	N.D
<i>Salmonella spp in 25g</i>	-	FDA/BAM Chapter 5, Nov 2011	Absent
Yeast and Mould	cfu/g	FDA/BAM Chapter 18, April 2001	<10
pH Value at 10% solution	-	In-House method SOP-2017-1003	7.5 at 25°C

**REMARKS**

- 1) N.D - Not Detected.
- 2) Microbiological results reported as N.D denotes <3 for Coliform and *Escherichia coli* and <10 for *Staphylococcus aureus*.
- 3) The above reported results only relate to the item (s) tested.



Loshnie Samuagam  
Microbiologist  
(MJMM0566)



ChM. Lim Ji Yuan  
Chemist  
IKM No: L/2755/8169/18

**Notes:**

- 1) The laboratory issues Certificate of Analysis (COA) based on the test parameter(s) requested on the specific sample(s) submitted for testing. The significance of this Certificate of Analysis (COA) is subjected to the adequacy and representative character to the sample(s) and to the comprehensiveness of the test parameter(s) requested herewith.
- 2) All Certificate of Analysis (COA) will be maintained with strictly confidential unless otherwise requested by the customer.
- 3) The laboratory is not responsible for any loss or damage of sample(s) during transportation/postage.
- 4) The laboratory shall retain the tested sample(s) according to the Sample Retention and Storage Schedule as follow (upon date completion of analysis): -
  - (i) Perishable - 1 week
  - (ii) Shelf stable - 2 weeks
  - (iii) Others:
    - a. Microbiological test - 1 week
    - b. Chemical/Physical test - 2 weeks
- 5) However, the laboratory reserves the right to dispose off the said remaining sample(s) at its own manners unless otherwise requested by client in written during submission of sample.
- 6) The laboratory shall charge minimum RM30 for regeneration of the test report.
- 7) MYTEST LAB treats the privacy of an individual's personal or company information seriously. Personal or company information is any information that would identify a natural person or company. Any personal or company information provided by you will only be used or disclosed for the purposes of enabling MYTEST LAB to keep records and generate Certificate of Analysis (COA).
- 8) The laboratory accepts no liability of any kind where any failure to perform work properly or at all results from force majeure including but not limited to government action, civil commotion, industrial dispute, flood, storm, fire and war or the threat of war.
- 9) Client is deemed to have accepted the Certificate of Analysis (COA) if there is no notification of changes in writing to the issuing laboratory within 7 working days after receipt.
- 10) Test Method Abbreviation
  - APHA - American Public Health Association
  - ASTM - American Society for Testing and Materials
  - AOCS - Official Methods of the American Oil Chemists' Society
  - AOAC - Official methods of Analysis of the Association of Official Analytical Chemists
  - AAMI - Association for the Advancement of Medical Instrumentation Haemodialysis System Standard
  - AS - Australian Standard
  - BP - British Pharmacopoeia
  - BS - British Standard
  - EPA - Environmental Protection Agency
  - FDA/BAM - US Food and Drug Administration Bacteriological Analytical Manual
  - FCC - Food Chemical Codex
  - ISO - International Organization for Standardization
  - MS - Malaysian Standard
  - USEPA - U.S. Environmental Protection Agency
  - USP - United States Pharmacopoeia
  - WHO - World Health Organisation
- 11) Instrumentation Technique Abbreviation
  - AAS - Atomic Absorption Spectrophotometry
  - ELISA - Enzyme-Linked Immunosorbent Assay
  - FTIR - Fourier Transform Infrared Spectrophotometry
  - GC - Gas Chromatography
  - GC-MS - Gas Chromatography-Mass Spectrometry
  - HPLC - High Performance Liquid Chromatography
  - IC - Ion Chromatography
  - ICP-OES - Inductively Coupled Plasma-Optical Emission Spectrometry
  - ICPMS- Inductively Coupled Plasma-Mass Spectrometry
  - LC-MS/MS - Liquid Chromatography Mass Spectrometry/Mass Spectrometry
  - PCR - Polymerase Chain Reaction
  - RT-PCR - Real Time - Polymerase Chain Reaction
  - UV - Ultra-Violet Spectrophotometry
  - UV/VIS - Ultra-Violet/Visible Spectrophotometry