

## **CERTIFICATE OF ANALYSIS**

Date:

28 May 2020

Ref. No.:

00003328-0520-2(R1)

**Customer Name and Address:** 

ICON MARKETING SDN BHD

700J Jalan Lintang Ayer Itam,

11500 Ayer Itam, Pulau Pinang,

Malaysia.

Sample Description:

Name / ID:

**Fabric** 

Type:

**Fabric** 

Container:

Plastic Bag

Mfg. Date:

NA

MAL No.:

NA

Batch No.:

NA

Expiry Date:

NA

Receipt Date:

15 May 2020

**ANALYSIS:** 

Microbiological Analysis

## **RESULTS:**

| Test Description      | Unit                  | Result(s) | Method or Equipment Used  |
|-----------------------|-----------------------|-----------|---|
| Total Plate Count     | cfu/50cm <sup>2</sup> | ND < 10   | In House Method MY/STP/175 based on Compendium of Methods for The Microbiological Examination of Foods, 4th Edition 2001 (Chapter 3)              |
| Yeast & Mold Count    | cfu/50cm <sup>2</sup> | ND < 10   | In House Method MY/STP/175 based on Compendium of Methods for The Microbiological Examination of Foods, 4 <sup>th</sup> Edition 2001 ( Chapter 3) |
| Staphylococcus aureus | cfu/50cm <sup>2</sup> | ND < 10   | In House Method MY/STP/175 based on Compendium of Methods for The Microbiological Examination of Foods, 4 <sup>th</sup> Edition 2001 ( Chapter 3) |

## Notes:

- (1) Analysis performed by sub-contractor
- (2) ND donates Not Detected
- (3) NA: Not Available

DR. LIM SHEH HONG, Ph.D.

Manager

## Terms and Conditions:

- USAINS Biomics Laboratory Testing Services Sdn Bhd (UBLTS) is not involved in any sampling activity of the samples tested. The test results herein are only valid for the samples being tested, as provided by the Customer.
- UBLTS does not give any form of guarantee on the safety and quality of the tested samples or on the products.
- UBLTS assumes no liability for any loss, expense or damage occasioned by use or interpretation of this test results.
- Any unauthorized use, alteration, forgery, or falsification of the content or appearance of this Certificate of Analysis is unlawful and offenders may be prosecuted to the fullest extent of the law.

Suite 016 (Ground Floor, Left Wing), Kompleks €UREKA, Universiti Sains Malaysia, 11800 USM Pulau Pinang, Malaysia.

Subject: Limit of Detection

Dear Sir/Madam,

The testing method (In House Method MY/STP/175 based on Compendium of Methods for The Microbiological Examination of Foods, 4<sup>th</sup> Edition 2001 (Chapter 3)) for this sample is quantitative method. The result should be reported as Not Detected Less Than Limit of Detection if no colonies are present. The limit of detection (LOD) is usually define as the lowest quantity or concentration of a component that can be reliably detected with a given analytical method.

The result calculation for swab method as below:

Result (cfu/50cm²) = Average number of colonies (cfu) x Volume of original suspension) / Dilution

Limit of detection: 10 cfu/50cm<sup>2</sup>

Volume of original suspension: 10 ml

Regards,

Dr Lim Sheh Hong

Manager,

Usains Biomics Laboratory Testing Services Sdn Bhd.

Suite 016, (Ground Floor, Left Wing)

Complex Eureka, Universiti Sains Malaysia,

11800 USM, Pulau Pinang.