



CERTIFICATE OF ANALYSIS

CONTACT: SUKI LIU
CLIENT: ASSOCIATED ENVIRONMENTAL SYSTEMS LIMITED
ADDRESS: UNIT 1221-1223, 12/F, METRO CENTRE II,
21 LAM HING STREET,
KOWLOON BAY, HONG KONG

WORK ORDER: HK2029364
SUB BATCH NO.: 0
LABORATORY: HONG KONG
DATE RECEIVED: 06-Aug-2020
DATE OF ISSUE: 19-Aug-2020
SAMPLE TYPE: CHEMICAL
NO. OF SAMPLES: 1

SPECIFIC COMMENTS

Samples(s) was/ were submitted by client. Sample(s) arrived laboratory in ambient condition.

The result(s) related only to the item(s) tested.

Testing period: 06-Aug-2020 to 19-Aug-2020

Test method - Disinfectant Efficiency Test is determined by in-house method developed based on USP 35 Chapter 1072.

Test method - Applying the Ensure Guard onto 3 petri dish samples using the regular mist spray applicator after sterilization. The sprayed samples are then left for 5 minutes (1 reaction time) at room temperature, while having the other 3 petri dish samples as the control. After the specified time interval is reached, add each culture onto the surface of the petri dish samples (both the treated samples and the control), waited for 10 seconds then conduct the swab test accordingly.

GENERAL COMMENTS

This is the Final Report and supersedes any preliminary report with this batch number.

Mr Luk Hon Yin, Henry
Senior Microbiologist - Microbiology

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Abbreviations: LOR denotes limit of reporting

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ANALYSIS DESCRIPTION		SAMPLE IDENTIFICATION			
		LABORATORY I.D.	HK2029364-001		
Disinfectant Efficiency Test		DATE SAMPLED	06-Aug-2020		
		SAMPLE I.D.	Ensure Guard on petri dish cases		
Inoculated culture	Unit	Result	Reduction rate	Log reduction	
		CFU/swab		%	Nil
		LOR	10	0.01	0.01
<i>Escherichia coli</i> (AATCC 25922)	Control	280000	>99.99	>4.45	
	Sample	<10			
<i>Staphylococcus aureus</i> (AATCC 6538)	Control	350000	>99.99	>4.54	
	Sample	<10			
<i>Candida albicans</i> (ATCC 10231)	Control	260000	>99.99	>4.41	
	Sample	<10			