



CERTIFICATE OF ANALYSIS

CONTACT:	SUKI LIU	WORK ORDER:	HK2024842
CLIENT:	ASSOCIATED ENVIRONMENTAL SYSTEMS LIMITED	SUB BATCH NO.:	0
ADDRESS:	UNIT 1221-1223, 12/F, METRO CENTRE II, 21 LAM HING STREET, KOWLOON BAY, HONG KONG	LABORATORY:	HONG KONG
PROJECT:	DISINFECTANT EFFICACY TEST - TESTING WITH "EGZX" (SPRAYED ON PETRI DISH AND LEFT FOR 30 DAYS)	DATE RECEIVED:	03-Jul-2020
		DATE OF ISSUE:	14-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: 03-Jul-2020 to 14-Aug-2020
Test method - Applying the disinfectant "EGZX" onto 3 petri dish samples using the regular mist spray applicator after sterilization. The sprayed samples are then left for 30 days (1 reaction time) at room temperature, while having the other 3 petri dish samples as the control. After 30 days, add each culture onto the surface of the petri dish samples (both the treated samples and the control), waited for 5 minutes 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.	HK2024842-001	
Disinfectant Efficiency Test		DATE SAMPLED	03-Jul-2020	
		SAMPLE I.D.	ENSURE GUARD - EGZX	
Inoculated culture		Result	Reduction rate	Log reduction
	Unit	CFU/swab	%	Nil
	LOR	10	0.01	0.01
<i>Escherichia coli</i> (AATCC 25922)	Control	200000	>99.99	>4.30
	Spray after 30 days, inoculate the culture	<10		
<i>Staphylococcus aureus</i> (AATCC 6538)	Control	270000	>99.99	>4.43
	Spray after 30 days, inoculate the culture	<10		
<i>Candida albicans</i> (ATCC 10231)	Control	220000	>99.99	>4.34
	Spray after 30 days, inoculate the culture	<10		