



Test Report

Date : 2020-06-18
No. : HC20060033

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Applicant (Code:01325474) : Associated Environmental Systems Limited
Units 1221-1223 Metro Centre II
21 Lam Hing Street
Kln Bay Kln HK


Description of Sample(s) : One submitted sample said to be Ensure Guard – ZX.

Sample(s) Received Condition(s): In plastic container under ambient temperature

Date Sample(s) Received : 2020-06-01

Date Tested : 2020-06-11 to 2020-06-18

Investigation Requested : Antiviral effectiveness against
- Influenza A virus (H1N1) (ATCC VR-1736)



LEE Paul

Authorized Signatory
Chemical and Food Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.

Note: When a statement of conformity to a specification or standard is provided, the ILAC-G8 Guidance document (and/or IEC Guide 115 in the electrotechnical sector) will be adopted as a decision rule for the determination of conformity unless it is inherent in the requested specification or standard, or otherwise specified in the Report.

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Method(s) Used:

ASTM E1052-2011 (contact time : 5 minutes)

Test Result(s):

Antiviral effectiveness against

Test Trial	Ensure Guard – ZX
	Influenza A virus (H1N1) (ATCC VR-1736)
Average of virus controls (Log ₁₀ TCID ₅₀ /ml)	7.75
Average of samples (Log ₁₀ TCID ₅₀ /ml)	4.50
Log ₁₀ Reduction	3.25
Viral Reduction Rate	99.94%

Notes: - TCID₅₀/ml denotes 50% Tissue Culture Infective Dose per milliliter
- TCID₅₀ calculated by Reed-Muench Method

***** End of Test Report *****

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