




KR Biotech Co., Ltd.
Institute of Infectious Disease Control

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Test Report

Client	Personnel	Nicholas Metro	Tel. No.	1-239-790-3300
	Affiliation	Energy Harness Corporation	E-mail	nmetro@energyharness.com
	Address	71 Mid Cape Terrace, Building 8 Cape Coral, Florida 33991 USA		
Request	Virucidal activity test			
Product	Active Airflow UV-C Fixture			
Purpose of Use on the Product	Virucidal activity test by irradiation			
Test Virus	SARS-CoV-2 (COVID 19)	Cell Line	Vero E6	
Test No.	KR-2103-099-EDS01	Test Period	2021.03.15-03.22	
Sample State	UVC module	Sample Concentration	-	
Reaction Time	1, 3, 6 seconds	Titration	CPE	
Test Temperature	Room Temperature (Approx. 25°C)	Tester	Hansam Cho 	

Test Result

Product Name	Treatment time	Control Virus Titer (TCID ₅₀)	Test Virus Titer (TCID ₅₀)	Virus Reduction Rate	
				(log)	(%)
Active Airflow UV-C Fixture	1 sec	2.00×10 ⁶	≤ 6.32 × 10 ¹	≥ 4.766	≥ 99.998 %
	3 sec		≤ 6.32 × 10 ¹	≥ 4.766	≥ 99.998 %
	6 sec		≤ 6.32 × 10 ¹	≥ 4.766	≥ 99.998 %

Result: The Active Airflow UV-C fixture of Energy Harness Corporation is showed more than 99.998% virus-killing effect against SARS-CoV-2 by the more than 1 second irradiation.

March 24, 2021

Test Manager: Young Bong Kim (Seal)

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* This test report is a result limited to the sample and sample name provided by the client and does not guarantee the quality on the overall product.