
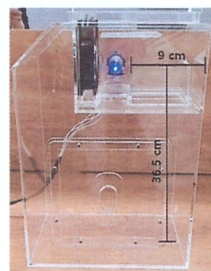
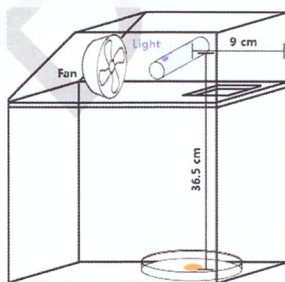


Test Report

	Personnel	Hyun Choi	Tel. No.	82-2-595-5799
Client	Affiliation	A subsidiary of Sudo Premium Engineering Co., Ltd.	E-mail	hchoi@sudo.co.kr
	Address	13, Banpo 4-gil, Seocho-gu, Seoul, Republic of Korea		
Request	Virucidal activity test			
Product	H-Ioncluster module (AIOII)			
Purpose of Use on the Product	Sterilization			
Test Virus	SARS-CoV-2 (COVID-19)	Cell Line	Vero E6	
Test No.	KR-2102-094-SPE01	Test Period	2021.02.18-02.26	
Sample State	Chamber	Sample Concentration	-	
Reaction Time	60 min, 120 min	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)	(%)
H-Ioncluster module (AIOII)	60 min	1.36×10^5	9.28×10^3	1.166	93.176 %
	120 min	5.21×10^4	7.66×10^2	1.833	98.530 %

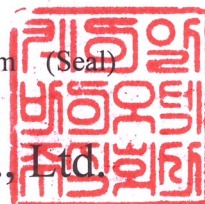


Result: H-Ioncluster module (AIOII) of A subsidiary of Sudo Premium Engineering Co., Ltd. is showed 93.176%, 98.530% of the virucidal effect on 60, 120 minutes condition, respectively against SARS-CoV-2.

March 09, 2021

Test Manager: Young Bong Kim (Seal)

KR BIOTECH Co., Ltd.



* 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.
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