




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

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Test Report

	Personnel	Lee kyunghwa	Tel. No.	82-31-467-6092
Client	Affiliation	NOROO Paint & Coatings Co., Ltd.	E-mail	kyhlee@noroo.com
	Address	351, Bakdal-ro, Manan-gu, Anyang-si, Gyeonggi-do, 13977, Republic of Korea		
Request	Virucidal Activity Test			
Product	Soon&Soo Anti-virus V-GUARD			
Purpose of Use on the Product	Water-based paint for the interior of the building			
Test Virus	COVID-19 (SARS-CoV-2)	Test Method	ISO 21702	
Test No.	KR-2012-073-NOR01	Cell Line	Vero E6	
Sample State	Paper (coated with the product)	Test Period	2020.12.09-12.16	
Reaction Time	30 min, 60 min	Titration	CPE	
Test Temperature	Room Temperature (Approx. 25°C)	Tester	Hansam Cho	

Test Result

Product Name	Virus Titer (TCID ₅₀)	Treatment time	Control Virus Titer (TCID ₅₀)	Virus Reduction Rate	
				(log)	(%)
Soon&Soo Anti-virus V-GUARD	2.15X10 ⁷	30 min	5.62X10 ⁵	2.250	99.438%
		60 min	5.62X10 ⁵	2.250	99.438%

Result: The paper coated with Soon&Soo Anti-virus V-GUARD of NOROO Paint & Coatings Co., Ltd. used in the test showed 99.438% of the virucidal effect on 30, 60 minutes contact time condition against SARS-CoV-2.

December 24, 2020

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.
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