




KR Biotech Co., Ltd.  
Institute of Infectious Disease Control  
Neungdong-ro 120, Konkuk university  
Bld#12, Rm 406, Kwangjin-gu, Seoul

## Test Report

Client	Personnel	Haeyeon Cho	Tel. No.	82-31-744-4549
	Affiliation	Enputech Co., Ltd.	E-mail	hyjo@enputech.com
	Address	30, Dokgogae-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, Republic of Korea (12807)		
Request	Virucidal Activity Test by UV-C Irradiation			
Product	Purelight			
Purpose of Use on the Product	Sterilization			
Test Virus	COVID-19 (SARS-CoV-2)	Cell Line	Vero E6	
Test No.	KR-2010-059-NPT01-C	Test Period	2020.10.13-10.19	
Reaction Time	20 sec, 40 sec	Titration	CPE	
Test Temperature	Room Temperature (Approx. 20°C)	Tester	Hansam Cho 	

## Test Result

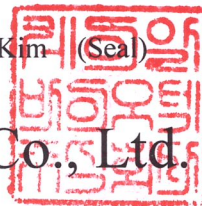
Product Name	Virus Titer TCID <sub>50</sub>	Distance	Treatment time	Virus Reduction Rate	
				(log)	(%)
Purelight	3.16x10 <sup>6</sup>	10 cm	20 sec	≥ 3.58	≥ 99.97%
			40 sec	≥ 4.00	≥ 99.99%

**Result:** As a result of the sterilization test for COVID-19 (SARS-CoV-2) by UV-C generated in the Purelight of Enputech Co., Ltd., it showed more than 99.99% virucidal effect in 40 seconds treatment at a distance of 10cm.

October 21, 2020

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.  
\* This report cannot be used for PR, advertising and litigation purposes, and use of this report other for its original purpose is prohibited.