




KR Biotech Co., Ltd.
Institute of Infectious Disease Control
(BSL3 No. KCDC-09-3-01)

Neungdong-ro 120, Konkuk university
Bld#12, Rm 406, Kwangjin-gu, Seoul

Test Report

	Name	SeouLin Bioscience Co., Ltd.	Tel. No.	82-1670-5911
Client	Representative	Eul-Moon, Hwang	E-mail	ecoTree@seoulin.co.kr
	Address	4F. #A, KOREA BIO PARK, 700, Daewangpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea		
Request	Virucidal Activity Test			
Sample	Hydro-E,ecoTree SLB-120 Sterilization Water Generator			
Purpose of Use on the Product	Slightly acidic hypochlorous acid water (pH 5.0~6.5 / 30~40ppm) Sterilization, Disinfectant		Test Period	2020.06.18-07.10
Test Virus	COVID-19 (SARS-CoV-2)	Cell Line	Vero E6	
Test No.	KR-2006-016-SLB01-C	Testing method	ASTM E1052-11	
Sample State	Liquid: Colorless, transparent	Sample Concentration	Stock solution	
Reaction Time	30 sec, 1 min, 5 min	Titration	CPE	
Test Temperature	Room Temperature (Approx. 20°C)	Tester	Hansam Cho 	

Test Result

Product Name	Virus Titer TCID ₅₀	Treatment time	Virus Reduction Rate	
			(log)	(%)
ecoTree SLB-120	3.16x10 ⁶	30 sec	≥ 3.33	99.95%
	3.16x10 ⁶	1 min	≥ 3.50	99.97%
(ecoTree,Hydro-E)	3.16x10 ⁶	5 min	≥ 4.00	99.99%

Result: ecoTree SLB-120 Sterilization Water Generator (ecoTree,Hydro-E) used in the test showed 99.95% effect after of virucidal 30 seconds of sample treatment on COVID-19 (SARS-CoV-2).

July 15, 2020

Test Manager: Young Bong Kim

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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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