

covid19 virus clear



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

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Test Report

Personnel	Seoktae Cheon	Tel. No.	82-10-4236-4560
Client	Affiliation PURE O2 Co.	E-mail	suktae72@hanmail.net
	Address #F334, 45, Jojeong-daero, Hanam-si, Gyeonggi-do, Republic of Korea		
Request	Virucidal Activity Test		
Sample	PURE O2 (Chlorine Dioxide)		
Purpose of Use on the Product	Sterilization, Disinfectant		
Test Virus	COVID-19 (SARS-CoV-2)	Cell Line	Vero E6
Test No.	KR-2007-024-PUR01-C	Test Period	2020.07.17-07.24
Sample State	Liquid: Light green, 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 <i>W</i>

Test Result

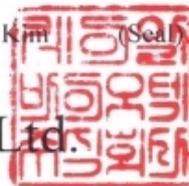
Product Name	Virus Titer TCID ₅₀	Treatment time	Virus Reduction Rate	
			(log)	(%)
PURE O2 (Chlorine Dioxide)	3.16x10 ⁶	30 sec	4.00	99.99%
	3.16x10 ⁶	1 min	4.00	99.99%
	3.16x10 ⁶	5 min	4.00	99.99%

Result: PURE O2 (Chlorine Dioxide) disinfectant of PURE O2 Co. used in the test showed 99.99% of virucidal effect after 30 seconds of sample treatment on COVID-19 (SARS-CoV-2).

July 31, 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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