



Test report

Virucidal activity of “แม็กซ์พี เจิร์ม คิลเลอร์ MAXP GERM KILLER” disinfectant on inanimate, nonporous environmental surfaces

Summary of the results

Test product	แม็กซ์พี เจิร์ม คิลเลอร์ MAXP GERM KILLER Lot: 0407-1907 Manufacture Date: 20/05/2022, Expiration Date: 19/05/2025
Active ingredient	Alkyl dimethyl benzyl ammonium chloride 1.60 %w/w Isopropyl alcohol 2.53 %w/w
Manufacturer	GUARDIAN LABORATORIES PTE LTD.
Importer:	Absolute Trading Co.,Ltd.
Distributor	Perfect Part Provider Co.,Ltd.
Working dilution ratio	1:10
Method	ASTM E1053-20 (Standard Practice to Assess Virucidal activity of Chemicals Intended for Disinfection of Inanimate, Nonporous Environmental Surfaces)
Test virus	Influenza A/H1N1 virus
Exposure time	10 minutes
Testing facility	Virology laboratory at Faculty of Medical Technology Mahidol University, Thailand
Efficacy result	แม็กซ์พี เจิร์ม คิลเลอร์ MAXP GERM KILLER (Lot: 0407-1907) showed the virucidal activity of $\geq 3.0 \log_{10}$ or $\geq 99.90\%$ reduction in titer of influenza A/H1N1 virus for the exposure time of 10 minutes under the test condition of this study protocol.

Test virus	Exposure time	Titer of virus control (TCID50/100 μ l)	Titer of virus after disinfection by the test product (TCID50/100 μ l)	\log_{10} reduction of virus titer on average	% Reduction of virus titer on average
Influenza A/H1N1 virus	10 minutes	$10^{5.5}$	$\leq 10^{2.5}$	≥ 3.0	$\geq 99.90\%$

Study completion date 3 October 2022

Test performed by
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Approved by Asst. Prof. Dr. Hatairat Lerdsamran