



Test report

Virucidal activity of “NEX AirGuard” on inanimate, nonporous environmental surfaces

Summary of the results

Test product	NEX AirGuard
Manufacturer	Nex LED Tech Co., Ltd.
Distributor	Nex Inno Tech Co., Ltd.
Method	Virucidal activity of NEX AirGuard for use on inanimate, nonporous environmental surfaces
Test virus	Influenza A/H1N1 virus
Test area volume	Acrylic box (40 cm × 40 cm × 40 cm)
Exposure time	4 hours
Testing facility	Virology laboratory, Faculty of Medical Technology, Mahidol University, Thailand
Efficacy result	NEX AirGuard showed the virucidal activity of 0.95 log ₁₀ or 88.71% reduction in titer of influenza A/H1N1 virus for the exposure time of 4 hours under the test condition of this study protocol.

Test virus	Exposure time	Titer of virus control (TCID ₅₀ /100 µl)	Titer of virus after disinfection by NEX AirGuard (TCID ₅₀ /100 µl)	Log ₁₀ reduction of virus titer in average from 3 experiments	% Reduction of virus titer in average from 3 experiments
Influenza A/H1N1 virus	4 hours	10 ^{6.84}	10 ^{5.89}	0.95	88.71%

Study completion date 11 November 2022

Test performed by Miss Jarunee Prasertsopon

..... Jarunee Prasertsopon

Asst. Prof. Dr. Hatairat Lerdsamran

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