



# Washington University in St. Louis

## SCHOOL OF MEDICINE

EP Lighting Inc.  
4220W 2100S, Suite N&O  
Salt Lake City, UT 84120

June 15, 2021

Re: Germicidal testing for SURFACE-KLEEN (WOOW)

This report contains summary information and data from the tests conducted on the germicidal efficacy of SURFACE-KLEEN (WOOW) solution provided by EP Lighting, Inc.. Specifically, we tested the efficacy of SURFACE-KLEEN solution on the SARS-COV-2 virus ability to enter cells. The ready-to-use SURFACE-KLEEN solution was placed on the clean UV-treated glass coverslip and dried, which resulted in a semi-transparent coating. A 10  $\mu$ l of suspension with SARS-CoV-2 virus was then placed on SURFACE-KLEEN solution coated and uncoated coverslips and exposed to the UV light for 1 minute under the biological safety cabinet. Control and treated virus then recovered by adding 100  $\mu$ l of cell culture media and grown on the Vero cell monolayer. After 2 hours of incubation at 37 oC, 5% CO<sub>2</sub> in humidified condition, the cells washed to remove the dead and disintegrated viruses and fresh complete media was added. Subsequently, the cells were observed under a microscope for the presence of green fluorescence (SARS-CoV-2 virus). Much of the virus exposed with SURFACE-KLEEN solution failed to enter the human cells in culture, indicating robust germicidal efficacy of this solution (Appendix A).

Sincerely,

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## APPENDIX A

**Figure 1:** Representative images of human cells infected with SARS-COV-2 virus exposed with and without SURFACE-KLEEN solution.

