Coronavirus Study Summary

General Details

Study title: Assessment of PathO3Gen Solutions Footwear Sanitizing Station for Decontaminating Hard, Non-Porous Environmental Surfaces (Shoes)

Organism tested: Coronavirus 229E (ATCC VR-740) - Human Coronavirus

Performing laboratory: CREM Co. Labs, Ontario, Canada

Date Performed: March 20th, 2020

Summary

The initial challenge on each carrier in **Test 1** was 3.68 log 10. The PathO3Gen Solutions' Footwear Sanitizing Station achieved the maximum attainable result of 3.68 log 10 at both 8 and 10 seconds, leaving behind zero plaque. Similarly, the initial challenge on each carrier in **Test 2** was 3.73 log 10, and the PathO3Gen Solutions FSS also achieved the maximum attainable result at both 8 and 10 seconds leaving zero plaque behind. Lastly, the initial challenge on each carrier in **Test 3** was 3.65 log 10, and the FSS also achieved the maximum attainable result at both 8 and 10 seconds leaving zero plaque behind.

Overall, the results were as follows:

6 seconds: 1 PFU remaining (PFU = Plaque forming unit = pathogen)
8 seconds: 0 PFU remaining
10 seconds: 0 PFU remaining

Concluding statement

"The PathO3Gen Solutions' Footwear Sanitizing Station left 0 Human Coronavirus residue on the bottom of footwear, in 8 seconds."

Norovirus Study Summary

General Details

Study title: Assessment of PathO3Gen Solutions Ozone + UVC (UVZone) Shoe Sanitizing Station for Decontaminating Hard, Non-Porous Environmental Surfaces: Testing against Murine Norovirus (Strain S99) as a representative Healthcare-Associated Pathogen

Organism tested: Murine Norovirus (Strain S99)

Performing laboratory: CREM Co. Labs, Ontario, Canada

Date Performed: February 22, 2021

Summary

The initial challenge on each carrier in **Test 1** was 4.15 log 10. The PathO3Gen Solutions Ozone + UVC Shoe Sanitizing Station achieved the maximum attainable result of 4.15 log 10 at 6,8 and 10 seconds, leaving behind zero plaque. Similarly, the initial challenge on each carrier in **Test 2** was 4.36 log 10, and the PathO3Gen Solutions Ozone + UVC Shoe Sanitizing Station also achieved the maximum attainable result at 6, 8 and 10 seconds leaving zero plaque behind. Lastly, the initial challenge on each carrier in **Test 3** was 4.31 log 10, and the Ozone + UVC Shoe Sanitizing Station also achieved the maximum attainable result at 6, 8 and 10 seconds leaving zero plaque behind.

Overall, the results were as follows:

6 seconds: 0 PFU remaining (PFU = Plaque forming unit = pathogen)
8 seconds: 0 PFU remaining
10 seconds: 0 PFU remaining

Concluding statement

"The PathO3Gen Solutions' Ozone + UVC (UVZone) Shoe Sanitizing Station left 0 Norovirus residue on the bottom of footwear, in 8 seconds."