

RGF® Environmental Group Reports Study on SARS-CoV-2 Neutralization by REME HALO®

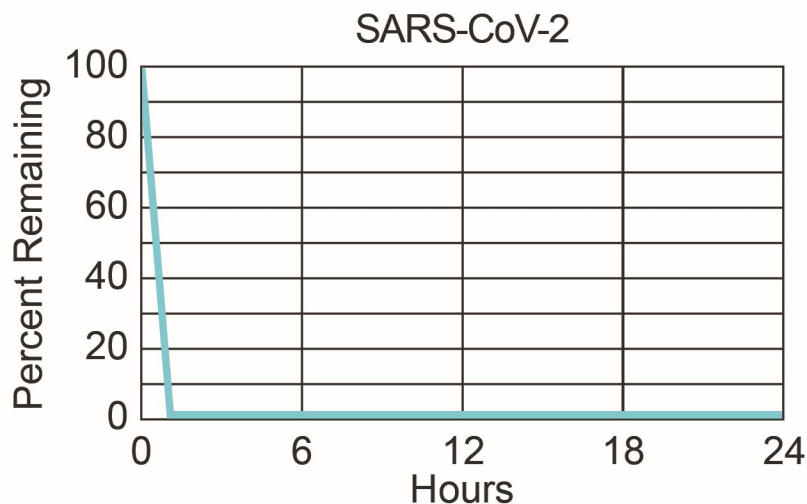
The outbreak of novel coronavirus 2019 was declared a global pandemic on March 11, 2020. The virus was named SARS-CoV-2 and the disease it causes has become known as coronavirus 2019 or COVID-19. The CDC has determined the virus is airborne, spreading from person-to-person via aerosols and respiratory particles. Virus particles or aerosols are produced when an infected person coughs, sneezes or talks. The aerosols are then carried through the air from the infected person to others and can stay airborne within the occupied space for minutes to hours.

RGF® Environmental Group funded a study on the inactivation of SARS-CoV-2 using its proprietary REME HALO® product with PHI-Cell® technology focusing on neutralizing the virus within the occupied space in the air and on surfaces. Testing was performed at the Innovative Bioanalysis Laboratories in Cypress, CA.

RGF's test procedure used the SARS-CoV-2 virus inside a large chamber (1,280 cu. ft.) representing a real-world air conditioned office or home. The virus was nebulized into the space simulating a sneeze or cough from an infected person. With the REME HALO® operating inside the chamber the virus was reduced on contact, resulting in a **99.9% reduction of the virus** within the simulated real-world space.

Testing of the REME HALO® active air purification system showed the SARS-CoV-2 virus was significantly neutralized within the occupied space on airborne virus, reducing the risk of person-to-person infection by respiratory particles and aerosols. **Importantly, the REME HALO® neutralizes SARS-CoV-2 within the occupied space, eliminating the need for virus particles to travel through the HVAC system filters or UV air purification system.**

Testing summary: 99.9% inactivation of the SARS-CoV-2 virus



% Remaining figures are estimates based on log reductions



Scan the QR Code with your smartphone to view the SARS-CoV-2 test results video with Dr. Marsden



DISCLAIMER: The summary and any comments herein are based on the results from an independent laboratory study performed under controlled conditions and are not in any way medical claims. The product(s) and technologies described are not medical devices and are not intended to diagnose, treat, cure, or prevent any disease, virus or illness.