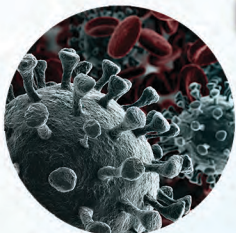


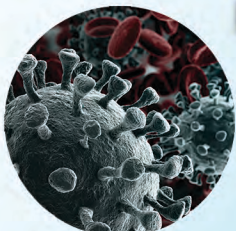
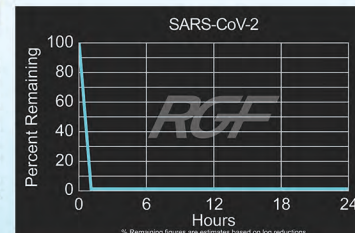
RGF[®] INDEPENDENT TEST RESULTS



SARS-CoV-2 (COVID-19) REME HALO[®]

SARS-CoV-2 is an airborne virus that caused the global COVID-19 pandemic. The REME HALO[®] was tested at an independent laboratory* for inactivation of SARS-CoV-2 (USA_WA1/2020). The study was conducted in a large chamber (8'x8'x20') on the airborne virus using an air sampling method resulting in a >99% reduction.

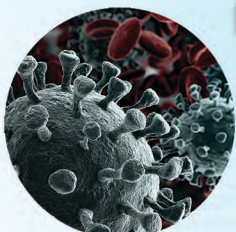
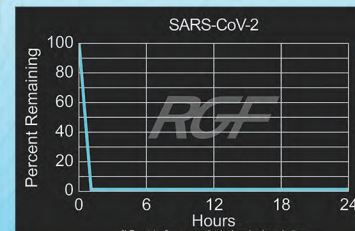
*Tested by Innovative Bioanalysis



SARS-CoV-2 (COVID-19) PHI-CELL[®]

SARS-CoV-2 is an airborne virus that caused the global COVID-19 pandemic. RGF's PHI-PKG[™] (PHI-CELL[®]) was tested at an independent laboratory* for inactivation of SARS-CoV-2 (USA_WA1/2020). The study was conducted in a large chamber (8'x8'x20') on the airborne virus using an air sampling method resulting in a >99% reduction.

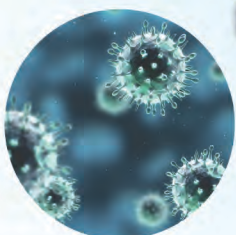
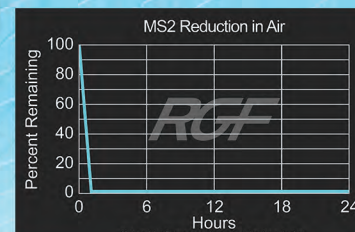
*Tested by Innovative Bioanalysis



MS2 bacteriophage (COVID-19 surrogate)

MS2 bacteriophage is a non-enveloped RNA virus that is the preferred surrogate for SARS CoV-2, the virus that causes COVID-19. RGF's HALO-LED[™] was tested at an independent laboratory* on MS2 in a large chamber (1,000 cu. ft.) using an air sampling method, resulting in >99% reduction.

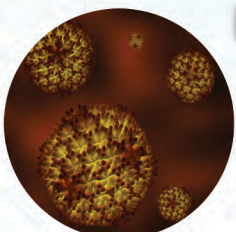
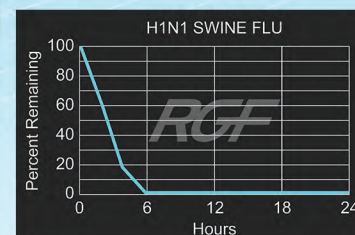
*Tested by: Intentek



H1N1 (Swine Flu)

H1N1 or Swine Flu was first detected in the United States in April 2009. Testing was conducted at an independent laboratory* on RGF's Photohydroionization[®] (PHI-CELL[®]) technology resulting in >99% inactivation of the H1N1 virus.

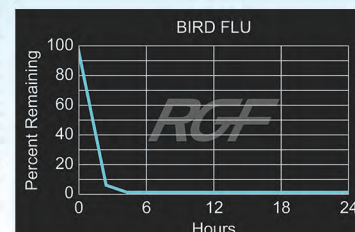
*Tested by: Kansas State University

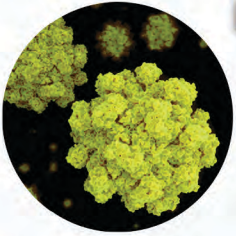


H5N1 (Avian Influenza)

Avian influenza or Bird Flu is an infection caused by avian influenza viruses, occurring naturally among birds. RGF's PHI-CELL[®] was tested at an independent laboratory* on H5N8 as an accepted surrogate for H5N1 resulting in >99% reduction.

*Tested by: Kansas State University

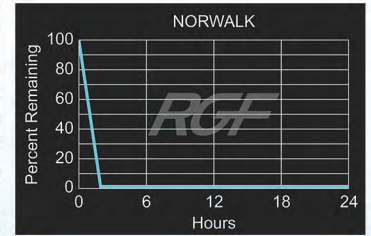




Murine Norovirus (Norwalk surrogate)

Noroviruses are a group of related, single-stranded RNA, non-enveloped viruses that cause acute gastroenteritis in humans. Noroviruses are highly contagious and as few as ten viral particles may be sufficient to infect an individual. 50% of all food-borne outbreaks of gastroenteritis can be attributed to noroviruses. RGF's PHI-CELL® was tested at an independent laboratory* on Norovirus (Murine norovirus) resulting in >99% reduction.

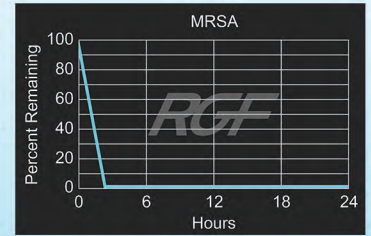
*Tested by: US Centers for Disease Control (CDC)



MRSA (Methicillin-resistant Staphylococcus aureus)

MRSA (Methicillin-resistant Staphylococcus aureus) is a type of bacteria that is resistant to certain types of antibiotics. RGF's REME-HALO® was tested at an independent laboratory* on MRSA resulting in >99% reduction.

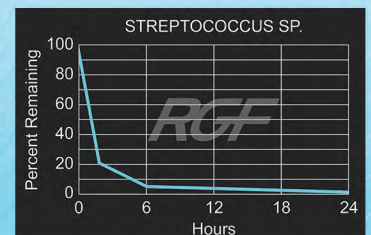
*Tested by: Kansas State University



Streptococcus sp. (strep)

Group A Streptococcal (strep) infections are caused by Group A Streptococcus, a bacterium responsible for a variety of health problems. RGF's PHI-CELL® was tested at an independent laboratory* on Streptococcus sp. resulting in >97.7% reduction.

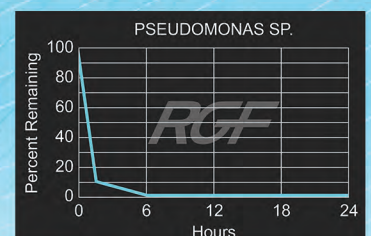
*Tested by: Kansas State University



Pseudomonas aeruginosa

Pseudomonas aeruginosa is a common bacteria known to cause disease in humans and is a species of bacterium found in hospital and healthcare settings. RGF's PHI-CELL® was tested at an independent laboratory* on Pseudomonas aeruginosa resulting in 99% reduction.

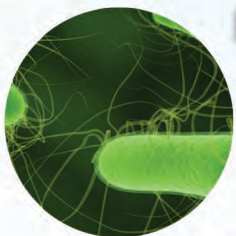
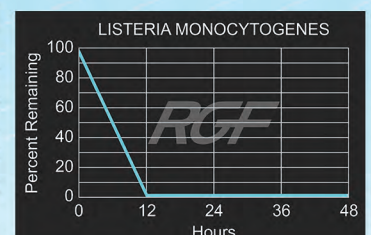
*Tested by: Kansas State University



Listeria monocytogenes

Listeria monocytogenes is a serious infection usually caused by eating food contaminated with the bacterium. The infection is most likely to sicken those with weakened immune systems. RGF's PHI-CELL® and REME-HALO® were tested at an independent laboratory* on Listeria monocytogenes resulting in >99% reduction.

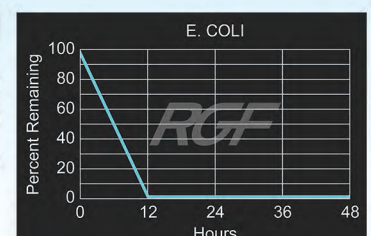
*Tested by: Kansas State University



Escherichia coli (E.coli)

E.coli bacterium can cause serious severe food poisoning in humans, and is occasionally responsible for food contamination incidents. RGF's PHI-CELL® and REME-HALO® were tested at an independent laboratory* on E.coli resulting in 98% and 99% reduction respectively.

*Tested by: Kansas State University

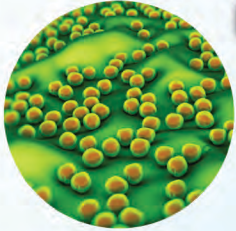
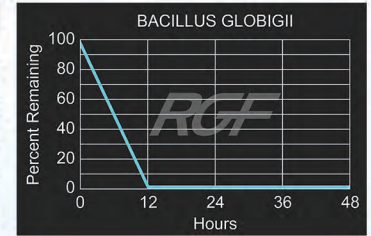




Bacillus Globigii (anthrax surrogate)

B. globigii is used as a surrogate for the pathogen B. anthracis (anthrax). B. anthracis is a bacteria that causes anthrax. People can get infected with anthrax when spores are inhaled into the body causing severe illness. RGF's REME-HALO® was tested at an independent laboratory* on B. globigii resulting in >99% reduction.

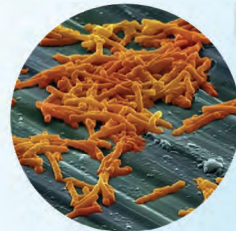
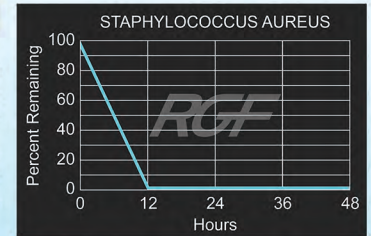
*Tested by: Kansas State University



Staphylococcus Aureus (staph)

Often referred to as 'staph' it is a common bacterium sometimes found on the skin and in the nose of people. Most of the time staph does not cause any harm, however, in some healthcare settings these infections can be serious or fatal. RGF's PHI-CELL® and REME-HALO® were tested at an independent laboratory* on Staphylococcus Aureus resulting in >99% reduction.

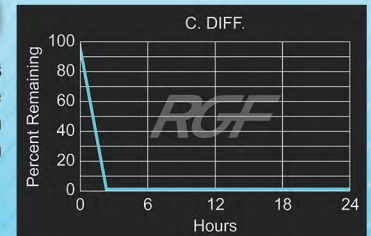
*Tested by: Kansas State University



Clostridium difficile (C. diff)

C. diff is a bacterium that causes illness in humans and is estimated to cause almost half a million infections in the United States each year. RGF's PHI-CELL® was tested at an independent laboratory* on Clostridium difficile resulting in >99% reduction.

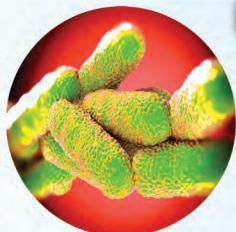
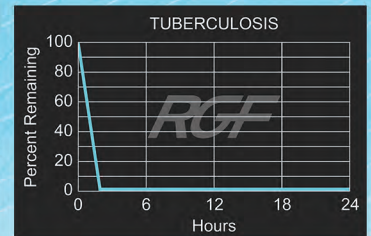
*Tested by: FSI Kansas State University



Mycobacterium tuberculosis

Mycobacterium tuberculosis is a bacterium that causes Tuberculosis (TB). It is spread from person to person through the air and typically attacks the lungs. Not everyone that is infected becomes sick, but the disease can be fatal. RGF's REME-HALO® was tested at an independent laboratory* on Mycobacterium tuberculosis resulting in >99.99% reduction.

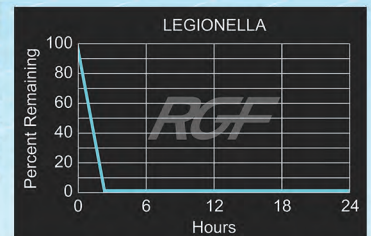
*Tested by: FSI Kansas State University



Legionella (Legionnaires Disease)

Legionnaires disease is a serious type of pneumonia caused by Legionella bacteria. People can get sick when they breathe in small droplets of water containing Legionella that sometimes grows in air conditioning equipment. RGF's Pan Saver® was tested at an independent laboratory* on Legionella pneumophila resulting in >99.9% reduction.

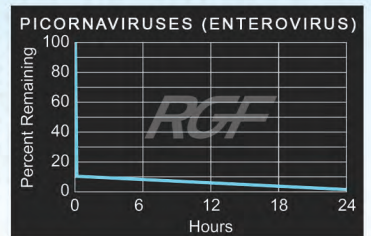
*Tested by: FSI Kansas State University

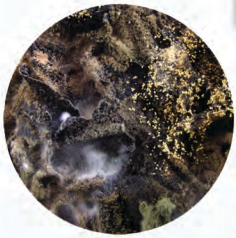


Picornaviruses (Enterovirus)

The viral family of Picornaviridae includes Hepatitis A (HAV) and is known to be resistant to physical and chemical means of inactivation. HAV is very contagious and spreads through ingestion of the virus. RGF's PHI-CELL® was tested at an independent laboratory* on a closely related enterovirus resulting in >99.9% reduction.

*Tested by: Kansas State University

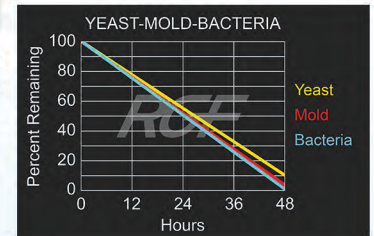




Mold/Yeast

The purpose of this test was to evaluate the effect the RGF AOT unit has on mold/yeast bacteria (TPC). This test was performed utilizing a standard 2,000 sq. ft. home and 3,000 sq. ft. simulated home.

Tested by: California Microbiology Center
Bacteria 99% **Mold 97-98%** **Yeast 90+%**

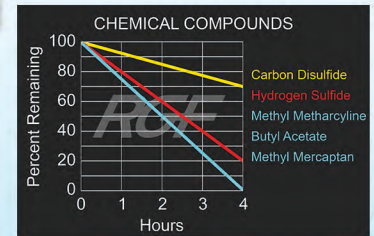


Chemical Compounds

Gas Chromatograph/Mass Spectrometer test performed by Nelap Accredited Lab on airborne chemical compound reduction using RGF's Advanced Oxidation technology.

- Hydrogen Sulfide - Rotten eggs
- Methyl mercaptan - Rotten cabbage
- Carbon Disulfide - Vegetable sulfide
- Butyl Acetate - Sweet banana
- Methyl Metharcylane - Plastic

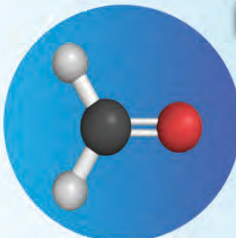
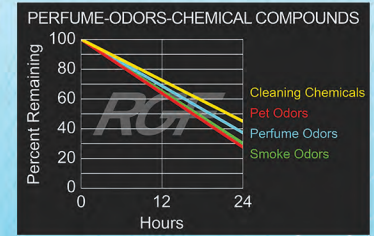
Methyl Metharcylane / Butyl Acetate / Methyl Mercaptan 100%
Hydrogen Sulfide 80% **Carbon Disulfide 30%**



Odors

The purpose of this test was to evaluate to what effect the RGF's AOT unit has on cleaning chemicals, pet odors, smoke and perfume odors. This test was performed utilizing two 500 cubic foot test chambers and a ten-person odor panel. The qualitative assessments of the ten-person odor panel were then used as a means to determine the odor reduction.

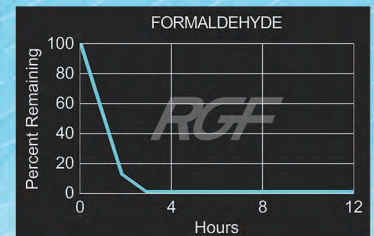
Tested by: C&W Engineering (Independent PE Firm)
Pet Odors 72% **Smoke Odors 70%** **Perfume Odors 63+%** **Cleaning Chemicals 55+%**



Formaldehyde

Formaldehyde is a type of volatile organic chemical introduced indoors by building materials such as particleboard, plywood and pressed wood products. RGF's REME HALO® and HALO LED™ were tested at independent laboratories on Formaldehyde resulting in 97.7% and 89% reduction, respectively.

*Tested by: Kansas State University and Intertek



About RGF Environmental Group, Inc.

RGF® Environmental Group, Inc. manufactures over 500 environmental products and has a 37+ year history of providing the world with clean air, water and food without the use of chemicals. RGF is an ISO 9001:2015 certified research and innovation company, holding numerous patents for wastewater treatment systems, air purifying devices, and food sanitation systems. Situated in the heart of the Port of Palm Beach Enterprise Zone, RGF Headquarters span 10 acres, with 200,000 square feet of manufacturing, warehouse and office facilities. RGF's Lakeland, FL facility adds over 40,000 square feet for back-up production and lamp production. RGF continues to upgrade its facilities, creating an increased vertical approach to manufacturing, further allowing the company to provide the highest quality and best-engineered products on the market.

