

Citation: Bio Safety Laboratory testing: Using Microbioshield Protectant as a Surface Cleaner and antimicrobial agent, testing completed at FDA/CDC approved Laboratory. Results published on October 27, 2014.

Controlled Bacteria

- Acinetobacter calcoaceticus
- Aeromonas hydrophilia
- Bacillus cereus
- Bacillus subtilis
- Bacillus typhimurium
- Brucella abortus
- Brucella canis
- Brucella suis
- Burkholderia cepacia
- Citrobacter diversus
- Citrobacter freundii
- Clostridium difficile (non-spore form)
- Clostridium perfringens
- Corynebacterium bovis
- Corynebacterium diphtheriae
- Enterobacter aerogenes
- Enterobacter agglomerans (I, II)
- Enterobacter cloacae
- Enterococcus
- Enterococcus faecalis
- Escherichia coli
- Haemophilus influenzae
- Haemophilus suis
- Klebs-Löffler bacillus
- Klebsiella oxytoca
- Klebsiella pneumoniae
- Klebsiella terrigena
- Lactobacillus acidophilus
- Lactobacillus casei
- Legionella pneumophila
- Leuconostoc lactis
- Listeria monocytogenes
- Micrococcus species
- Micrococcus lutea
- Morganella morganii
- MRSA, CA-MRSA
- Mycobacterium smegmatis
- Mycobacterium tuberculosis
- Propionibacterium acnes
- Proteus mirabilis
- Proteus vulgaris
- Pseudomonas aeruginosa
- Pseudomonas cepacia
- Pseudomonas fluorescens
- Salmonella choleraesuis
- Salmonella enterica
- Salmonella typhi
- Salmonella typhimurium
- Serratia liquefaciens
- Serratia marcescens
- Stachybotrys chartarum
- Staphylococcus aureus
- Staphylococcus epidermidis
- Streptococcus faecalis
- Streptococcus mutans
- Streptococcus pneumoniae
- Streptococcus pyogenes
- Vancomycin-resistant enterococci
- Xanthomonas campestris

Controlled Algae

- Anabaena cylindrica
- Chlorella vulgaris
- Chlorophyta (green)
- Chrysophyta (brown)
- Cyanophyta (blue-green)
- Gonium species
- Oscillatoria bornetii
- Pleurococcus
- Protococcus
- Scenedesmus quadricauda
- Selenastrum gracile
- Volvox species

Controlled Viruses

- Adenovirus Type II
- Adenovirus Type IV
- Bovine Adenovirus Type I
- Bovine Adenovirus Type IV
- Feline pneumonitis
- H1N1
- H3N2
- Herpes Simplex Type I
- Herpes Simplex Type II
- HIV B
- HIV-1 (AIDS)
- Influenza A (Japan)
- Influenza A2 (Aichi)
- Influenza A2 (Hong Kong)
- Influenza B
- Parinfluenza (Sendai)
- Poliovirus
- Reovirus Type I
- **SARS***

****Note** that the above virus listed as SARS was also tested and found to be unsuccessful at infecting the controlled pre-treated Microbioshield samples. The reason this test result is so significant is because not only is this another virus that caused an epidemic in 2002 but it is also a member of the Coronavirus family, as is the highly infectious (COVID-19) that we are struggling to combat today.*

- Simian Virus 40
- Vaccinia

FDA/CDC lab results from this study once again proved that the solution prevented colonization and growth of all infectious microorganisms.

Controlled Fungi

- Alternaria alternata
- Aspergillus flavus
- Aspergillus fumigatus
- Aspergillus niger
- Aspergillus terreus
- Aspergillus versicolor
- Aureobasidium pullulans
- Bipolaris australiensis
- Candida albicans
- Candida parapsilosis
- Cephalascus fragans
- Chaetomium globosum
- Cladosporium herbarum
- Clonostachys rosea
- Cryptococcus humicola
- Cryptococcus laurentii
- Dreschlera australiensis
- Epidermophyton floccosum
- Fusarium nigrum
- Fusarium solani
- Geotrichum candidum
- Gliocladium roseum
- Gliomastix cerealis
- Iteneris species
- Mariannaea elegans
- Microsporium audouinii
- Monilia grisea
- Mucor sp.
- Oospora lactis
- Penicillium albicans
- Penicillium chrysogenum
- Penicillium citrinum
- Penicillium elegans
- Penicillium funiculosum
- Penicillium humicola
- Penicillium notatum
- Penicillium variabile
- Pullularia pullulans
- Rhizopus nigricans
- Ricoderm species
- Stachybotrys atra
- Saccharomyces cerevisiae
- Trichoderma flavus
- Trichosporon mucoides
- Trichophyton interdigitale
- Trichophyton mentagrophytes