

Antimicrobial Protection

Tested Against 1

Citation: BioSafety Laboratory testing: Using Microbioshield protectant (now called microSURE™) as a Surface Cleaner and antimicrobial agent, testing completed at FDA/CDC approved Laboratory. Results were published on October 27, 2014.

Controlled Bacteria

Acinetobacter calcoaceticus
Aeromonas hydrophilia
Bacillus cereus
Bacillus subtilis
Bacillus typhimurium
Brucella abortus
Brucella canis
Burkholderia cepacia
Citrobacter diversus
Citrobacter freundii
Clostridium difficile (non-spore form)
Clostridium perfringens
Corynebacterium bovis
Corynebacterium diphtheriae
Enterobacter aerogenes

Enterococcus
Enterococcus faecalis
Escherichia coli
Haemophilus influenzae
Haemophilus suis
Klebs-Löffler bacillus
Klebsiella oxytoca
Brucella suis
Enterobacter agglomerans (I, II)
Enterobacter cloacae
Klebsiella pneumoniae
Klebsiella terrigena
Lactobacillus acidophilus
Lactobacillus casei
Legionella pneumophila

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

Antimicrobial Protection

Tested Against 2

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-I (AIDS)
Influenza A (Japan)
Influenza A2 (Aichi)
Influenza A2 (Hong Kong)
Influenza B
Parinfluenza (Sendai)
Poliovirus

note that the above virus listed as SARS was also tested and found unsuccessful at infecting the controlled pre-treated MICrobioshield samples. The reason this test result is so significant is that 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
Penicillium variable
Penicillium notatum
Candida albicans
Candida parapsilosis
Cephalascus fragans
Chaetomium globosum
Cladosporium herbarum
Clonostachys rosea
Cryptococcus humicola
Cryptococcus laurentii
Dreschlera australiensis
Pullularia pullulans
Rhizopus nigricans
Ricoderm species
Epidermophyton floccosum
Fusarium nigrum
Fusarium solani
Geotrichum candidum
Gliocladium roseum
Gliomastix cereals
Iternaris species
Mariannaea elegans
Microsporum audouinii