

Microorganism Efficacy Test

Test Substance Efficacy Results: These are the results of how the product performed against each test microorganism

MICROORGANISM	TIME POINT	% REDUCTION
<i>Acinetobacter baumannii</i> ATCC 19606	15 seconds	100%
<i>Enterococcus faecalis</i> (VRE) ATCC 51299	15 seconds	100%
<i>Listeria monocytogens</i> ATCC 15313	60 seconds	>99.96%
<i>Propionibacterium</i> <i>Acnes</i> ATCC 6919	60 seconds	>99.99%
<i>Candida albicans</i> ATCC 10231	60 seconds	>99.9999%
<i>Proteus mirabilis</i> ATCC 7002	15 seconds	>99.999%
<i>Serratia marcescens</i> ATCC 14756)	15 seconds	>99.999%
<i>Staphylococcus aureus</i> (MRSA) ATCC 33592	15 seconds	>99.999%
<i>E. Coli</i> ATCC 8739	60 seconds	>99.999%
<i>Pseudomonas aeruginosa</i> ATCC 9027	60 seconds	>99.999%
<i>S. aureus</i> ATCC 6538	60 seconds	>99.999%
<i>A brasiliensis</i> ATCC 16404	60 seconds	>99.999%
<i>K. pneumonia</i> (CRE) ATCC BAA-2146	60 seconds	>99.9994%
<i>C. Difficile</i> ATCC 43598	60 seconds	>99.9999%
Human Coronavirus Strain 229-E, ATCC VR-740	15 seconds	≥99.82%*
<i>Adenovirus 2</i> ATCC VR-846	60 seconds	>99.99%

All microorganisms were killed in the 15 second contact time. 15 seconds was the quickest time to put neutralizing agents on test cultures.

*This is the highest possible reduction due to laboratories cannot fully grow the virus.