

Efficacy Bulletin

Profect[®] HP

DIN 02530082

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Bactericidal Activity

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 5% blood serum and a 1-minute contact time, this product kills the following organisms on hard, inanimate nonporous environmental surfaces.

Organism	Sample	Carriers Showing Growth	Contact Time	Dilution
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	A	0/60	1 minute	RTU
	B	0/60		
	C	0/60		
<i>Staphylococcus aureus</i> (ATCC 6538)	A	0/60	1 minute	RTU
	B	0/60		
	C	0/60		
<i>Salmonella enterica</i> (ATCC 10708)	A	0/10	1 minute	RTU
	B	0/10		
	C	0/10		
<i>Acinetobacter baumannii</i> (ATCC BAA-1709)	A	0/10	1 minute	RTU
	B	0/10		
<i>Escherichia coli</i> O157:H7 (ATCC 35150)	A	0/10	1 minute	RTU
	B	0/10		
Methicillin Resistant <i>Staphylococcus aureus</i> - MRSA (ATCC 33592)	A	0/10	1 minute	RTU
	B	0/10		
Multi-drug Resistant (MDR) <i>Enterococcus faecium</i> (ATCC 51559)	A	0/10	1 minute	RTU
	B	0/10		
Multi-drug Resistant (MDR) <i>Klebsiella pneumoniae</i> (ATCC 51503)	A	0/10	1 minute	RTU
	B	0/10		
New Delhi metallo-beta-lactamase 1 (NDM-1) producing <i>Escherichia coli</i> (CDC 1001728)	A	0/10	1 minute	RTU
	B	0/10		

Virucidal Activity

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 5% blood serum and a 1-minute contact time, unless otherwise noted, this product kills the following organisms on hard, inanimate nonporous environmental surfaces.

Organism	Sample	Log Reduction	Contact Time	Dilution
Avian Influenza A (H5N1) Virus (CDC #2006719965)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Herpes Simplex Virus Type 1 (ATCC VR-733)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Herpes Simplex Virus Type 2 (ATCC VR-734)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Human Coronavirus (VR-740)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Human Hepatitis B Virus (HBV) (Hepadnavirus Testing, 9/1/15 strain)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Human Hepatitis C Virus (HCV) (ATCC VR-1422)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Human Immunodeficiency Virus type 1 (AIDS Virus) (HTLV-III _B strain)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Human Rotavirus (ATCC VR-2018)	A	≥3.00	1 minute	RTU
	B	≥3.00		
"2009 H1N1 Influenza A Virus (Novel H1N1) (A/Mexico/4108/2009 strain)"	A	≥3.00	1 minute	RTU
	B	≥3.00		
Influenza B Virus (ATCC VR-823)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Norovirus (Feline Calicivirus) (ATCC VR-782)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Respiratory syncytial virus (RSV) (ATCC VR-26)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Rhinovirus type 37 (ATCC VR-1147)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Vaccinia virus (ATCC VR-119)	A	≥3.00	1 minute	RTU
	B	≥3.00		
Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-CoV-2) (USA-WA1/2020 strain)	A	≥3.50	30 seconds	RTU
	B	≥3.50		
	C	≥3.50		

Fungicidal Activity

Using approved AOAC test methods under Good Laboratory Practices, this product is an effective disinfectant against the following organisms on visibly clean, hard, non-porous surfaces for a 1-minute contact time at room temperature.

Organism	Sample	Carriers Showing Growth	Contact Time	Dilution
<i>Trichophyton interdigitale</i> (ATCC 9533)	A	0/10	1 minute	RTU
	B	0/10		
<i>Candida albicans</i> (ATCC 10231)	A	0/10	1 minute	RTU
	B	0/10		

Mycobactericidal Activity

in the presence of 5% blood serum and a 3-minute contact time on hard, inanimate nonporous environmental surfaces.

Organism	Subculture Media	Sample	Carriers Exposed	Carriers Showing Growth	Contact Time	Dilution
<i>Mycobacterium bovis</i> (ATCC 35743)	Modified Proskauer-Beck Medium	A	10	0	3 minutes	RTU
		B	10	0		
	Middlebrook 7H9 Broth	A	10	0	3 minutes	RTU
		B	10	0		
	Kirchners Medium	A	10	0	3 minutes	RTU
		B	10	0		