

# EPA Testing

Disinfection	Use Method	Contact Time	Study Conclusion
<b>Gram Negative Bacteria</b>			
Acinetobacter baumannii ATCC 19606	AOAC Use-Dilution	10 min.	Disinfection
Pseudomonas aeruginosa ATCC 15442	AOAC Use-Dilution	10 min.	Disinfection
Legionella pneumophila ATCC 33153	AOAC Use-Dilution	10 min.	Disinfection
Salmonella enterica ATCC 10708	AOAC Use-Dilution	10 min.	Disinfection
Klebsiella pneumoniae (NDM-1) ATCC BAA-2146	AOAC Use-Dilution	10 min.	Disinfection
Escherichia coli ATCC 11229	AOAC Use-Dilution	10 min.	Disinfection
Bordetella bronchiseptica ATCC 10580	AOAC Use-Dilution	10 min.	Disinfection
<b>Gram Positive Bacteria</b>			
Staphylococcus aureus MRSA ATCC 33592	AOAC Use-Dilution	10 min.	Disinfection
Staphylococcus aureus ATCC 6538	AOAC Use-Dilution	10 min.	Disinfection
Listeria monocytogenes ATCC 15313	AOAC Use-Dilution	10 min.	Disinfection
Mycobacterium bovis- BCG	AOAC Use-Dilution	10 min.	Disinfection
<b>Enveloped Viruses</b>	<b>Use Method</b>	<b>Contact Time</b>	<b>Study Conclusion</b>
Swine Influenza (H1N1) Virus**	Virucidal Efficacy	5 min.	Complete inactivation
Respiratory Syncytial Virus**	Virucidal Efficacy	5 min.	Complete inactivation
Influenza B Virus**	Virucidal Efficacy	5 min.	Complete inactivation
Hepatitis A Virus**	Virucidal Efficacy	5 min.	Complete inactivation
Hepatitis B Virus**	Virucidal Efficacy	5 min.	Complete inactivation
Hepatitis C Virus**	Virucidal Efficacy	5 min.	Complete inactivation
Human Immunodeficiency Virus (HIV Type 1)**	Virucidal Efficacy	5 min.	Complete inactivation

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Hantavirus (Prospect Hill Virus) University of Ontario**	Virucidal Efficacy	5 min.	Complete inactivation
Canine Distemper Virus, Strain Snyder Hill, ATCC VR**	Virucidal Efficacy	5 min.	Complete inactivation
Felid Herpesvirus 1, Strain C-27, ATCC VR-636**	Virucidal Efficacy	10 min.	Complete inactivation
Feline coronavirus, Strain WSU 79-1683, ATCC VR-989**	Virucidal Efficacy	10 min.	Complete inactivation
Canine coronavirus, Strain 1-71, ATCC VR-809**	Virucidal Efficacy	10 min.	Complete inactivation
<b>Non-Enveloped Viruses</b>			
	<b>Use Method</b>	<b>Contact Time</b>	<b>Study Conclusion</b>
Rotavirus**	Virucidal Efficacy	5 min.	Complete inactivation
Norovirus Feline Calicivirus**	Virucidal Efficacy	5 min.	Complete inactivation
Murine Norovirus (MNV-1)**	Virucidal Efficacy	5 min.	Complete inactivation
Adenovirus 1, Strain Adenoid 71, ATCC VR-1**	Virucidal Efficacy	10 min.	Complete inactivation
Canine Parvovirus, Strain Cornell-780916, ATCC VR-2016**	Virucidal Efficacy	10 min.	Complete inactivation
Canine adenovirus 1, Strain Utrecht, ATCC VR-293**	Virucidal Efficacy	10 min.	Complete inactivation
<b>Food Contact Sanitizer</b>			
	<b>Dilution Rate: 9:1</b>	<b>Use Method</b>	<b>Contact Time</b>
Escherichia coli ATCC 11229		AOAC Food Contact Sanitization	60 sec.
Staphylococcus aureus ATCC 33592		AOAC Food Contact Sanitization	60 sec.
<b>Carpet Sanitizer</b>			
	<b>Dilution Rate: 5:1</b>	<b>Use Method</b>	<b>Contact Time</b>
Staphylococcus aureus ATCC 6538		DIS/TSS-8 Carpet Sanitizer	60 min.
Enterobacter aerogenes ATCC 13048		DIS/TSS-8 Carpet Sanitizer	60 min.
<b>Soft Surface Sanitizer</b>			
	<b>Use Method</b>	<b>Contact Time</b>	<b>Study Conclusion</b>
Staphylococcus aureus ATCC 6538	Soft Surface Sanitization	5 min.	Sanitization
Enterobacter aerogenes ATCC 13048	Soft Surface Sanitization	5 min.	Sanitization
<b>Fungi on Surface</b>			
	<b>Use Method</b>	<b>Contact Time</b>	<b>Study Conclusion</b>
Aspergillus niger ATCC 6275	Mildewstat	10 min.	> 4 weeks protection

# ***EPA Testing***

Trichophyton rubrum ATCC MYA	Fungicide	10 min.	No germination of spores
Trichophyton mentagrophytes ATCC 9533	Fungicide	10 min.	No germination of spores

## **Not EPA approved organisms**

Stachybotrus Chartarum	Sporicidal Viability	10 min.	No germination of spores
Aspergillus Fumigatus	Sporicidal Viability	10 min.	No germination of spores
Alternaria Alternata	Sporicidal Viability	10 min.	No germination of spores
Penicillum sp	Sporicidal Viability	10 min.	No germination of spores