

**Efficacy Bulletin**

# **X-EFFECT<sup>®</sup> Restroom Cleaner with Citric Acid**

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EPA Reg. 5741-25

## Disinfection

This product is bactericidal according to the EPA Test Guideline 810.2200: AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample	Carriers Tested	Carriers Showing Growth	Contact Time	Dilution
<i>Staphylococcus aureus</i> (ATCC 6538)	A	60	0	10 minutes	ready to use
	B	60	0		
	C	60	0		
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	A	60	0	10 minutes	ready to use
	B	60	0		
	C	60	0		
<i>Salmonella enterica</i> (ATCC 10708)	A	60	0	10 minutes	ready to use
	B	60	0		
	C	60	0		

## Virucidal

This product is virucidal according to the EPA Test Guideline 810.2200: Virucidal Hard Surface Efficacy Test, in the presence of 5% organic serum. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Log Reduction	Contact Time	Dilution
Herpes simplex virus Type 2 (ATCC VR-734, Strain G)	$\geq 4.75 \text{ Log}_{10}$	10 minutes	ready to use
Hepatitis B Virus (Hepadnavirus Testing, Inc.)	$\geq 3.75 \text{ Log}_{10}$	10 minutes	ready to use
Hepatitis C Virus (Bovine Viral Diarrhea Virus(BVDV)) (ATCC VR-1422)	$\geq 3.00 \text{ Log}_{10}$	10 minutes	ready to use
Influenza A virus [Hong Kong Strain] (ATCC VR-544)	$\geq 3.50 \text{ Log}_{10}$	10 minutes	ready to use
HIV Type 1 (HIV-1) (Strain HTLV-III)	$\geq 3.50 \text{ Log}_{10}$	10 minutes	ready to use