

**Efficacy Bulletin**

# **Hepacide Quat<sup>®</sup> II**

---

EPA Reg. 5741-18

## 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 and 200 ppm hard water. All tests are completed under Good Laboratory Practice (GLP) conditions.

Organism	Sample	Carriers Tested	Carriers Showing Growth	Contact Time	Dilution
<i>Pseudomonas aeruginosa</i> (ATCC 15442))	A	60	2	9 min 55 sec	ready to use
	B	60	1		
	C	60	2		
<i>Staphylococcus aureus</i> (ATCC 6538)	A	60	3	9 min 55 sec	ready to use
	B	60	0		
	C	60	1		
<i>Salmonella enterica</i> (ATCC 6538)	A	60	1	9 min 55 sec	ready to use
	B	60	1		
	C	60	1		
<i>Staphylococcus aureus</i> Methicillin Resistant (MRSA)	A	10	0	9 min 55 sec	ready to use
	B	10	0		
<i>Vancomycin Intermediate Resistant Enterococcus faecalis</i> (VRE)	A	10	0	9 min 55 sec	ready to use
	B	10	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	Sample	Log Reduction	Contact Time	Dilution
Hepatitis B Virus	A	$\geq 3.13 \text{ Log}^{10}$	9 min 55 sec	ready to use
	B	$\geq 3.13 \text{ Log}^{10}$		
Hepatitis C Virus	A	$\geq 3.00 \text{ Log}^{10}$	9 min 55 sec	ready to use
	B	$\geq 3.13 \text{ Log}^{10}$		
Herpes Simplex Type 2	A	$\geq 3.13 \text{ Log}^{10}$	9 min 55 sec	ready to use
	B	$\geq 3.13 \text{ Log}^{10}$		
HIV-1 Virus	A	$\geq 4.13 \text{ Log}^{10}$	9 min 55 sec	ready to use
	B	$\geq 4.00 \text{ Log}^{10}$		
Influenza A (H3N2) virus	A	$\geq 3.50 \text{ Log}^{10}$	9 min 55 sec	ready to use
	B	$\geq 3.50 \text{ Log}^{10}$		
SARS-CoV-2	A	$\geq 3.00 \text{ Log}^{10}$	10 min	ready to use
	B	$\geq 3.00 \text{ Log}^{10}$		
	C	$\geq 3.00 \text{ Log}^{10}$		