

**KILL LIST**

**EPA STANDARD: GOOD LABORATORY PRACTICES (GLP)**

<b>VIROCIDAL HARD-SURFACE TEST (VIRUS)</b>	<b>ABREV.</b>	<b>PASSED</b>	<b>FAILED</b>	<b>LABORATORY</b>	<b>KILL TIME</b>	<b>On EPA Label?</b>	<b>% kill rate</b>
CANINE DISTEMPER VIRUS	CDV	9/3/2019		MICROBAC	10 MIN.	IN PROGRESS	>99.999%
HEPATITUS A STRAIN HM175/18F U OF OTTAWA	HAV	12/6/2018		MICROBAC	2 MIN.	Yes	>99.999%
HEPATITUS B (DUCK) - SURROGATE FOR HUMAN	HBV	12/4/2018		MICROBAC	2 MIN.	Yes	>99.999%
HEPATITUS C (BOVINE VIRAL DIARRHEA)	HCV	12/4/2018		MICROBAC	2 MIN.	Yes	>99.999%
(HIV-1) - HUMAN IMMUNODEFICIENCY VIRUS TYPE-1	HIV - 1	12/4/2018		MICROBAC	2 MIN.	Yes	>99.999%
INFLUENZA A VIRUS (H1N1) - AKA "SWINE FLU"	H1N1	12/4/2018		MICROBAC	2 MIN.	Yes	>99.999%
NOROVIRUS (Feline Calicivirus - from cats)	FCV	11/30/2015		MICROBAC	10 MIN.	Yes	>99.999%
NOROVIRUS (Murine - from rodents)	MNV	12/14/2015		MICROBAC	10 MIN.	Yes	>99.999%
<b>AOAC GERMICIDAL SPRAY TEST (BACTERIA)</b>	<b>ABREV.</b>	<b>PASSED</b>	<b>FAILED</b>	<b>LABORATORY</b>	<b>KILL TIME</b>	<b>On EPA Label?</b>	<b>% kill rate</b>
CARBAPENEM-RESISTANT ENTERBACTER (CRE)	CRE	10/31/2018		EMSL	2 MIN.	Yes	>99.999%
CARBAPENEM-RESISTANT KIEBSIELLA PNEUMONIAE	CRKP	12/4/2018		MICROBAC	2 MIN.	Yes	pending
(E-COLI) - ESCHERICHIA COLI	E.COLI	8/26/2019		MICROBAC	2 MIN.	Yes	>99.999%
LISTERIA MONOCYTOGENES		10/31/2018		EMSL	2 MIN.	Yes	>99.6%
MICROCCUS YUNNANENSIS		12/12/2019		MICROBAC	2 MIN.	Yes	pending
PSEUDOMONAS AERUGINOSA		10/31/2018		EMSL	2 MIN.	Yes	>99.999%
PSEUDOMONAS ORYZIHABITANS		12/12/2019		MICROBAC	2 MIN.	Yes	pending
SALMONELLA ENTERICA		10/31/2018		EMSL	2 MIN.	Yes	>99.8%
STAPHYLOCOCCUS AUREUS (Methicillin Resistant)	MRSA	10/31/2018		EMSL	2 MIN.	Yes	>99.999%
STAPHYLOCOCCUS EPIDERMIDIS		12/12/2019		MICROBAC	2 MIN.	Yes	>99.999%
(TB) - MYCOBACTERIUM BOVIS	TB	10/31/2018		EMSL	10 MIN.	Yes	>99.999%
VANCOMYCIN-RESISTANT ENTEROCOCCUS	VRE	10/31/2018		EMSL	2 MIN.	Yes	>99.5%
<b>AOAC GERMICIDAL SPRAY TEST (FUNGAL)</b>	<b>ABREV.</b>	<b>PASSED</b>	<b>FAILED</b>	<b>LABORATORY</b>	<b>KILL TIME</b>	<b>On EPA Label?</b>	<b>% kill rate</b>
ALTERNANIA ALTERNATA				MICROBAC		IN PROGRESS	pending
ASPERGILLUS BRASILENSIS						IN PROGRESS	pending
CANDIDA ALBICANS		6/11/2019		MICROBAC	10 MIN.	IN PROGRESS	>99.999%
CANDIDA AURIS		1/7/2020		MICROBAC	10 MIN.	IN PROGRESS	>99.999%
CIADSPORIUM HERBARUM				MIRCOBAC		IN PROGRESS	pending
PENICILLIUM OXALLCUM				MIRCOBAC		IN PROGRESS	pending
STACHYBOTRYS CHARTARTUM (AKA: BLACK MOLD)				MICROBAC		IN PROGRESS	pending
TRIHOPYTON INTERDIGITALE (AKA: RINGWORM)		1/13/2020		MICROBAC	2 MIN.	IN PROGRESS	pending
<b>GERMICIDAL AND DETERGENT SANITIZING (BACTERIA)</b>	<b>ABREV.</b>	<b>PASSED</b>	<b>FAILED</b>	<b>LABORATORY</b>	<b>KILL TIME</b>	<b>On EPA Label?</b>	<b>% kill rate</b>
STAPHYLOCOCCUS AUREUS	S.AUREUS	8/27/2019		MICROBAC	30 SEC.	Yes	>99.999%
(E-COLI) - ESCHERICHIA COLI	E-COLI	8/27/2019		MICROBAC	30 SEC.	Yes	>99.999%
<b>NON-FOOD CONTACT SOFT SURFACES (BACTERIA)</b>	<b>ABREV.</b>	<b>PASSED</b>	<b>FAILED</b>	<b>LABORATORY</b>	<b>KILL TIME</b>	<b>On EPA Label?</b>	<b>% kill rate</b>
STAPHYLOCOCCUS AUREUS	S.AUREUS	10/15/2019		MICROBAC	5 MIN.	IN PROGRESS	>99.999%
KLEBSIELLA PNEUMONIAE		10/15/2019		MICROBAC	5 MIN.	IN PROGRESS	>99.999%
<b>C-DIFF (CLOSTRIDIUM DIFFICILE SPORES TEST) (BACTERIA)</b>	<b>ABREV.</b>	<b>PASSED</b>	<b>FAILED</b>	<b>LABORATORY</b>	<b>KILL TIME</b>	<b>On EPA Label?</b>	<b>% kill rate</b>
(EPA MLB SOP MB-31: new protocol using 5% organic load test)	C - DIFF.		7/12/2019	MICROBAC		No	
(EPA MLB SOP MB-28: original protocol - hard surface test)	C - DIFF.	11/25/2019		ANALYTICAL LAB GROUP	10 MIN.	IN PROGRESS	>99.999%

"Pending" = awaiting final lab report with verified % kill rate.