



EFFICACY SUMMARY FOR OXIVIR Tb

EPA Reg. No. 70627-56

TGA Registration AUST R 165058

Test Organism	EPA	TGA	Test Method	Test Condition	Results
Bactericidal					
<i>Acinetobacter baumannii</i> (ATCC 19606)	yes	yes	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
<i>Enterococcus faecalis</i> (ATCC 51575) Resistant to Vancomycin (VRE)	yes	yes	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
<i>Escherichia coli</i> 0157:H7, (ATCC 35150)	yes	yes	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	yes	yes	AOAC Use Dilution Test	1min. contact time, 5% serum load, 60 carriers, at 20°C	No positive carriers
<i>Salmonella choleraesuis</i> (ATCC 10708)	yes	yes	AOAC Use Dilution Test	1min. contact time, 5% serum load, 60 carriers, at 20°C	No positive carriers
<i>Staphylococcus aureus</i> (ATCC 6538)	yes	yes	AOAC Use Dilution Test	1min. contact time, 5% serum load, 60 carriers, at 20°C	No positive carriers
<i>Staphylococcus aureus</i> (ATCC 33592) Resistant to Methicillin (MRSA)	yes	yes	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers

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Bactericidal (continued)					
<i>Enterococcus faecalis</i> (ATCC 51575) <i>Vancomycin Resistant</i> (VRE)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	>99.9842
<i>Escherichia coli</i> 0157:H7, (ATCC 35150)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	>99.9997
<i>Klebsiella pneumoniae</i> (ATCC 4352)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	3.0 log ₁₀ reduction
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	>99.9888
<i>Salmonella choleraesuis</i> (ATCC 10708)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	>99.9977
<i>Staphylococcus aureus</i> (ATCC 6538)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	3.0 log ₁₀ reduction
<i>Staphylococcus aureus</i> (ATCC 33592) <i>Methicillin Resistant</i> (MRSA)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	>99.9983
<i>Staphylococcus aureus</i> (ATCC 6538)	yes	yes	Standard Test Method for Efficacy of Non-Food Contact Surfaces	30 sec. contact time, 5% soil load, at 20°C	3.0 log ₁₀ reduction

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Bactericidal (continued)					
<i>Escherichia coli</i> (NCTC8196)	NA	yes	Option B, TGA Test	Minimum 5% blood serum and water hardness of 340ppm	Pass
<i>Proteus vulgaris</i> (NCTC4635)	NA	yes	Option B, TGA Test	Minimum 5% blood serum and water hardness of 340ppm	Pass
<i>Pseudomonas aeruginosa</i> (NCTC 6749)	NA	yes	Option B, TGA Test	Minimum 5% blood serum and water hardness of 340ppm	Pass
<i>Staphylococcus aureus</i> (NCTC4163)	NA	yes	Option B, TGA Test	Minimum 5% blood serum and water hardness of 340ppm	Pass
<i>Escherichia coli</i> with extended beta-lactamase resistance (ATCC BAA-196)(ESBL) ESBL	yes	no	AOAC Use Dilution Test	1 min. contact time, 5% serum load, at 20°C	No positive carriers
Community Acquired Methicillin Resistant <i>Staphylococcus aureus</i> (CA-MRSA) (NARSA NRS384) (Genotype USA300) MRSA (Type 300)	yes	no	AOAC Use Dilution Test	1 min. contact time, 5% serum load, at 20°C	No positive carriers
Community Acquired Methicillin Resistant <i>Staphylococcus aureus</i> (CA-MRSA) (NARSA NRS123) (Genotype USA400) MRSA (Type 400)	yes	no	AOAC Use Dilution Test	1 min. contact time, 5% serum load, at 20°C	No positive carriers

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Virucidal					
<i>Avian Influenza A (H3N2) virus, Strain A (ATCC VR-2072)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥5.75 log ₁₀ reduction
<i>Feline calicivirus, Strain F9 (ATCC VR-782)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥6.09 log ₁₀ reduction
<i>Hepatitis B Virus (HBV)</i>	yes	yes	EPA Virucidal Test Method – Duck Hepatitis B Virus	1 min. contact time, 100% duck serum, at 20°C	≥3.09 log ₁₀ reduction
<i>Hepatitis C Virus (HCV)</i>	yes	NA	EPA Virucidal Test Method – Bovine Viral Diarrhea Virus	1 min. contact time, 5% horse serum, at 20°C	≥4.38 log ₁₀ reduction
<i>Herpes simplex virus type1, (HSV-1)(VR-733)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% serum load, at 20°C	≥4.75 log ₁₀ reduction
<i>Herpes simplex virus type2, (HSV-2)(VR-734, Strain G)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% serum load, at 20°C	≥4.25 log ₁₀ reduction
<i>HIV-1 (AIDS virus) Strain HTLV-III_B</i>	yes	-	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥4.0 log ₁₀ reduction
<i>Human Coronavirus, (ATCC VR-740)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥4.0 log ₁₀ reduction
<i>Influenza A/ HongKong, (ATCC VR-544)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥4.75 log ₁₀ reduction
<i>Norovirus (Feline calicivirus as surrogate)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥6.09 log ₁₀ reduction
<i>Poliovirus type 1 (ATTC VR-1000) Strain Brunhilde</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% serum load, at 20°C	≥4.25 log ₁₀ reduction
<i>Rhinovirus Type 37, Strain 151-1 (ATCC VR-1147)</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥4.25 log ₁₀ reduction
<i>Rotavirus (Strain WA) Acquired from University of Ottawa</i>	yes	yes	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥5.0 log ₁₀ reduction

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Tuberculocidal					
<i>Mycobacterium bovis</i> (Tb) (OT 451C150)	yes	yes	Quantitative Tuberculocidal Suspension Method	5 min. contact time, 5% serum load, at 20°C	≥6.80 log ₁₀ reduction
Fungicidal					
<i>Trichophyton mentagrophytes</i> (ATCC 9533)	yes	yes	AOAC Fungicidal Activity Method	10 min. contact time, 5% serum load, at 20°C	No growth