



17 April 2020

**Efficacy Summary for Oxivir Tb - Hospital Grade Disinfectant,  
with claims, under dirty conditions - AUST R 165058**

No.	Test Organism	Test Method	Test Condition	Results
1	<i>Escherichia coli</i> 0157:H7, (ATCC 35150)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
2	<i>Klebsiella pneumonia</i> (ATCC 4352)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
3	<i>Acinetobacter baumannii</i> (ATCC 19606)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
4	<i>Salmonella choleraesuis</i> (ATCC 10708)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 60 carriers, at 20°C	No positive carriers
5	<i>Shigella dysenteriae</i> , (ATCC 11835)	AOAC Use Dilution Method	1 minute contact time, 5% serum load, at 20°C	No positive carriers
6	<i>Enterococcus faecalis</i> (ATCC 51575) Resistant to Vancomycin (VRE)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
7	<i>Staphylococcus aureus</i> (ATCC 33592) Resistant to Methicillin (MRSA)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
8	<i>Pseudomonas aeruginosa</i> (ATCC 15442)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
9	<i>Salmonella enterica</i> (ATCC 10708)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
10	<i>Staphylococcus aureus</i> (ATCC 6538)	AOAC Use Dilution Test	1min. contact time, 5% serum load, 10 carriers, at 20°C	No positive carriers
11	<i>Escherichia coli</i> (NCTC8196)	Option B, TGA Test	10 mins. contact time, minimum 5% blood serum and water hardness of 340ppm	Pass
12	<i>Proteus vulgaris</i> (NCTC4635)	Option B, TGA Test	10 mins. contact time, , mMinimum 5% blood serum and water hardness of 340ppm	Pass
13	<i>Pseudomonas aeruginosa</i> (NCTC 6749)	Option B, TGA Test	10 mins. contact time, , minimum 5% blood serum and water hardness of 340ppm	Pass



No.	Test Organism	Test Method	Test Condition	Results
14	<i>Staphylococcus aureus</i> (NCTC4163)	Option B, TGA Test	10 mins. contact time, , minimum 5% blood serum and water hardness of 340ppm	Pass
15	<i>Avian Influenza A (H3N2) virus, Strain A (ATCC VR-2072)</i>	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥5.75 log <sub>10</sub> reduction
16	<i>Feline calicivirus, Strain F9 (ATCC VR-782)</i>	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥6.09 log <sub>10</sub> reduction
17	<i>H1N1 Influenza A (Swine Flu)</i>	EPA Virucidal Test Method	1 min. contact time, 5% serum load, at 20°C	≥4.75 log <sub>10</sub> reduction
18	<i>Hepatitis B Virus (HBV)</i>	EPA Virucidal Test Method – Duck Hepatitis B Virus	1 min. contact time, 100% duck serum, at 20°C	≥3.09log <sub>10</sub> reduction
19	<i>Hepatitis C Virus (HCV)</i>	Virucidal Test Method – Bovine Viral Diarrhea Virus	5 minutes contact time, 50% human whole blood	Complete inactivation ≥3.18 log <sub>10</sub> reduction
20	<i>Herpes simplex virus type1, (HSV-1)(VR-733)</i>	EPA Virucidal Test Method	1 min. contact time, 5% serum load, at 20°C	≥4.75 log <sub>10</sub> reduction
21	<i>Herpes simplex virus type2, (HSV-2)(VR-734, Strain G)</i>	EPA Virucidal Test Method	1 min. contact time, 5% serum load, at 20°C	≥4.25 log <sub>10</sub> reduction
22	<i>HIV-1 (AIDS virus) Strain HTLV-III<sub>B</sub></i>	Human Immunodeficiency Virus type 1	1 minute contact time, 50% human whole blood at 20°C	Complete inactivation of Human ≥3.0 log <sub>10</sub> reduction
23	<i>SARS-CoV-2 (COVID-19 virus) – (Human Coronavirus 229E, (ATCC VR-740) as surrogate)</i>	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥4.0 log <sub>10</sub> reduction
24	<i>Influenza A/ HongKong, (ATCC VR-544)</i>	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥4.75 log <sub>10</sub> reduction
25	<i>Norovirus (Feline calicivirus as surrogate)</i>	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥6.09 log <sub>10</sub> reduction
26	<i>Poliovirus type 1 (ATTC VR-1000) Strain Brunhilde</i>	EPA Virucidal Test Method	1 min. contact time, 5% serum load, at 20°C	≥4.25 log <sub>10</sub> reduction
27	<i>Rhinovirus Type 37, Strain 151-1 (ATCC VR-1147)</i>	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	≥4.25 log <sub>10</sub> reduction



No.	Test Organism	Test Method	Test Condition	Results
28	<i>Rotavirus (Strain WA)</i> <i>Acquired from University of Ottawa</i>	EPA Virucidal Test Method	1 min. contact time, 5% soil load, at 20°C	$\geq 5.0 \log_{10}$ reduction
29	<i>Mycobacterium bovis (Tb)</i> <i>(OT 451C150)</i>	Quantitative Tuberculocidal Suspension Method	5 min. contact time, 5% serum load, at 20°C	$\geq 6.80 \log_{10}$ reduction
30	<i>Trichophyton mentagrophytes</i> <i>(ATCC 9533)</i>	AOAC Fungicidal Activity Method	10 min. contact time, 5% serum load, at 20°C	No growth