



31 July 2018

EFFICACY SUMMARY FOR SPORICIDE PLUS

Count	Test Organism	Test Method	Test Conditions	Result
Hospital Grade Disinfectant, with claims, under dirty conditions - AUST R 279540				
1	<i>Clostridium difficile</i> (clinical isolate)	Canadian General Standards Board's CAN/CGSB-2.161-97, QCT-1	10 minute contact time at 20°C, 5% serum	7.90 log ₁₀ reduction
2	<i>Clostridium sporogenes</i> (ATCC 7955)	Canadian General Standards Board's CAN/CGSB-2.161-97, QCT-1	10 minute contact time at 20°C, 5% serum	7.05 log ₁₀ reduction
3	<i>Bacillus subtilis</i> (ATCC 19659)	Canadian General Standards Board's CAN/CGSB-2.161-97, QCT-1	10 minute contact time at 20°C, 5% serum	6.05 log ₁₀ reduction
4	<i>Methicillin Resistant Staphylococcus aureus – MRSA</i> (ATCC 33591)	Hard Surface Carrier Test AOAC 991	Dirty condition, 5 minutes contact time at ambient temp., 5% horse serum	Pass
5	<i>Vancomycin Resistant Enterococcus faecalis – VRE</i> (ATCC 51299)	Hard Surface Carrier Test AOAC 991	Dirty condition, 5 minutes contact time at ambient temp., 5% horse serum	Pass
6	<i>Staphylococcus aureus</i> (ATCC 6538)	Canadian General Standards Board's CAN/CGSB-2.161-97, QCT-1	1 minute contact time at 20°C, 5% serum	6.03 log ₁₀ reduction
7	<i>Pseudomonas aeruginosa</i> (ATCC 15442)	Canadian General Standards Board's CAN/CGSB-2.161-97, QCT-1	1 minute contact time at 20°C, 5% serum	6.42 log ₁₀ reduction
8	<i>Salmonella choleraesuis</i> (ATCC 10708)	Canadian General Standards Board's CAN/CGSB-2.161-97, QCT-1	1 minute contact time at 20°C, 5% serum	6.91 log ₁₀ reduction
9	<i>Escherichia coli</i> (NCTC 8196)	TGA Option B	Dirty conditions, 10 mins	Pass
10	<i>Proteus vulgaris</i> (NCTC 4635)	TGA Option B	Dirty conditions, 10 mins	Pass
11	<i>Pseudomonas aeruginosa</i> (NCTC 6749)	TGA Option B	Dirty conditions, 10 mins	Pass
12	<i>Staphylococcus aureus</i> (NCTC 4163)	TGA Option B	Dirty conditions, 10 mins	Pass
13	<i>Poliovirus, Sabin vaccine strain type 1</i> (ATCC VR-192)	Canadian General Standards Board's CAN/CGSB, ASTM International E-1053 2002	1 minute contact time at 20°C, 5% serum	5.69 log ₁₀ reduction
14	<i>Trichophyton mentagrophytes</i> (ATCC 9533)	Canadian General Standards Board's CAN/CGSB-2.161-97, QCT-1	1 minute contact time at 20°C, 5% serum	5.55 log ₁₀ reduction



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<i>under clean conditions</i>				
1	<i>Spores of Clostridium difficile (ATCC 6989)</i>	EN 13704 - Quantitative suspension test	80% concentration, 1 minute contact time under clean conditions at +/- 20°C, 0.3g/L bovine albumin, with 5% blood agar	Reduction >Lg3
2	<i>Vancomycin Resistant Enterococcus faecalis (ATCC 51299)</i>	Hard Surface Carrier Test AOAC 991	Clean condition; neat; 1 minute contact time	Pass
3	<i>Staphylococcus aureus (ATCC 6538)</i> <i>Enterococcus hirae (ATCC 10541)</i> <i>Escherichia coli (ATCC 10536)</i> <i>Pseudomonas aeruginosa (ATCC 15442)</i>	EN 1276 – Quantitative suspension test	30 secs contact time under clean conditions at 20°C, 0.3g/L bovine albumine	Reduction >Lg5
4	<i>Staphylococcus aureus (ATCC 6538) - 1</i> <i>Enterococcus hirae (ATCC 10541) - 2</i> <i>Escherichia coli (ATCC 10536) - 3</i> <i>Pseudomonas aeruginosa (ATCC 15442) - 4</i>	EN 13697 - Quantitative suspension test	30 secs contact time under clean conditions at 23°C, 0.3g/L bovine albumin (for 1,2,3,4,5)	Reduction >Lg6 Reduction >Lg6 Reduction >Lg6 Reduction >Lg6
5	<i>Staphylococcus aureus (ATCC 6538)</i> <i>Enterococcus hirae (ATCC 10541)</i> <i>Pseudomonas aeruginosa (ATCC 15442)</i>	EN 13727 - Quantitative suspension test	80%, 50%, 25% concentration, 30 secs contact time under clean conditions at +/- 20°C, 0.3g/L bovine albumin	Reduction >Lg5 Reduction >Lg5 Reduction >Lg5