

BROAD-CIDE PLUS
Summary of Antimicrobial Test Results - (Continued)

Organism	ATCC#	Use-Dilution Concentration	Hard Water Condition	Replicates	Results
Salmonella choleraesuis subsp. choleraesuis serotype pullorum	9120	847 ppm	400 ppm	10, 10	0/10, 0/10
Salmonella choleraesuis subsp. choleraesuis serotype typhi	6539	847 ppm	400 ppm	10, 10	0/10, 0/10
Salmonella choleraesuis subsp. choleraesuis serotype typhimurium	14028	847 ppm	400 ppm	10, 10	0/10, 0/10
Serratia marcescens	8100	847 ppm	400 ppm	10, 10	0/10, 0/10
Shigella dysenteriae	12180	847 ppm	400 ppm	10, 10	0/10, 0/10
Shigella flexneri Type 2b	12022	847 ppm	400 ppm	10, 10	0/10, 0/10
Shigella sonnei	25931	847 ppm	400 ppm	10, 10	0/10, 0/10
Staphylococcus aureus	6538	847 ppm	400 ppm	60, 60, 60	0/60, 0/60, 0/60
Staphylococcus aureus subsp. aureus	33592	847 ppm	400 ppm	10, 10	0/10, 0/10
Staphylococcus aureus	clinical isolate	847 ppm	400 ppm	10, 10	0/10, 0/10
Staphylococcus aureus (Methicillin resistant) (MRSA)	33592	847 ppm	400 ppm	10, 10	0/10, 0/10
Staphylococcus aureus (Vancomycin intermediate resistant) (VISA)	HIP 5863	847 ppm	400 ppm	10, 10	0/10, 0/10
Staphylococcus epidermidis	29641	847 ppm	400 ppm	10, 10	0/10, 0/10
Staphylococcus epidermidis	clinical isolate	847 ppm	400 ppm	10, 10	0/10, 0/10
Streptococcus pyogenes Group A	19615	847 ppm	400 ppm	10, 10	0/10, 0/10
Streptococcus pyogenes (Clinical-Flesh Eating Strain)	BIRD M3	847 ppm	400 ppm	10, 10	0/10, 0/10
Xanthomonas maltophilia	clinical isolate	847 ppm	400 ppm	10, 10	0/10, 0/10

Conclusion: All lots of **Broad-Cide PLUS** effectively killed the above listed bacteria as specified in the test performance standards. **Broad-Cide PLUS** meets EPA requirements for hard surface disinfectant claims for hospital and medical environments when diluted to 847 ppm active concentration in 400 ppm synthetic hard water in the presence of 5% organic soil.

Claim: Fungicide	Contact Time: 10 minutes	Organic Soil: 5%	Water Conditions: 400 ppm as CaCO ₃
Test Method: Official Method of Analysis of the AOAC Fungicidal Test			

Organism	ATCC#	Dilution	Replicates	Results		
				5 Min	10 Min	15 Min
Trichophyton mentagrophytes	9533	847 ppm (2 oz/gal)	4	0/4 +	0	0
Candida albicans	10231	847 ppm (2 oz/gal)	4	0/4 +	0	0

Conclusion: All lots of **Broad-Cide PLUS** effectively killed Trichophyton mentagrophytes and Candida albicans as specified in the test performance standards. **Broad-Cide PLUS** is an effective fungicide for non-porous inanimate hard surfaces when diluted to 847 ppm active concentration in 400 ppm synthetic hard water and in the presence of 5% organic soil.