

Test Conditions:

Contact Time: 30 seconds 10,000 ppm. PCMX active

Organism	Positives	ATCC #
Acinetobacter calcoaceticus var. anitratus	0	Clinical Isolates
Acinetobacter calcoaceticus var. woffii	0	Clinical Isolates
Actinobacillus pleuropneumonia	0	Clinical Isolates
Actinomyces pyogenes	0	19411
Bacillus anthracis	0	Soil Isolate
Bordetella bronchiseptica	0	Clinical Isolates
Bordetella bronchiseptica	0	19359
Brevibacterium ammoniagenes (in DI water)	0	Clinical Isolates
Campylobacter jejuni	0	29428
Candida albicans	0	Clinical Isolates
Clostridium difficile	0	Clinical Isolates
Cryptococcus neoformans	0	Clinical Isolates
Enterobacter aerogenes (in DI water)	0	Clinical Isolates
Enterobacter cloacae	0	Clinical Isolates
Enterobacter gergoviae	0	Clinical Isolates
Enterobacter liquefaciens	0	Clinical Isolates
Enterococcus faecalis	0	Clinical Isolates
Escherichia coli	0	Clinical Isolates
Escherichia coli 0157 :H7	0	Clinical Isolates
Escherichia vulneris	0	Clinical Isolates
Flavobacterium meningosepticum	0	Clinical Isolates

Organism	Positives	ATCC #
Hafnia alvei	0	Clinical Isolates
Klebsiella oxytoca	0	Clinical Isolates
Klebsiella pneumoniae	0	Clinical Isolates
Listeria monocytogenes	0	984
Micrococcus luteus	0	Clinical Isolates
Morganella morganii	0	Clinical Isolates
Mycobacterium tuberculosis (Human)	0	Clinical isolates
Pasturella haemolyticus	0	Clinical Isolates
Proteus mirabilis	0	Clinical Isolates
Proteus vulgaris	0	Clinical Isolates
Pseudomonas aeruginosa	0	Clinical Isolates
Pseudomonas cepacia	0	Clinical Isolates
Pseudomonas dimunita	0	Clinical Isolates
Pseudomonas fluorescens	0	Clinical Isolates
Pseudomonas paucimobilis	0	Clinical Isolates
Pseudomonas picketti	0	Clinical Isolates
Pseudomonas pseudomallei	0	Clinical Isolates
Pseudomonas putida	0	Clinical Isolates
Pseudomonas stutzeri	0	Clinical Isolates
Rhodococcus equi	0	6939
Salmonella schottmuelleri (in DI water)	0	Clinical Isolates
Salmonella choleraesuis	0	Clinical Isolates
Salmonella typhi	0	6539
Salmonella typhosa	0	Clinical Isolates
Serratia marcescens	0	Clinical Isolates
Shigella paradysenteriae flexnerii	0	Clinical Isolates

Organism	Positives	ATCC #
Staphylococcus aureus	0	Clinical Isolates
Staphylococcus aureus (toxic shock)	0	Clinical Isolates
Staphylococcus auricularis	0	Clinical Isolates
Staphylococcus capitis	0	Clinical Isolates
Staphylococcus epidermidis	0	Clinical Isolates
Staphylococcus hominis	0	Clinical Isolates
Staphylococcus saprophyticus	0	Clinical Isolates
Staphylococcus simulans	0	Clinical Isolates
Streptococcus agalactiae hemolytica	0	Clinical Isolates
Streptococcus haemolyticus	0	Clinical Isolates
Streptococcus hominis	0	Clinical Isolates
Streptococcus equi var. zooepidermicus	0	43079
Streptococcus equi var. equi	0	Clinical Isolates
Streptococcus faecalis	0	Clinical Isolates
Streptococcus haemolyticus	0	Clinical Isolates
Streptococcus haemolyticus (beta)	0	Clinical Isolates
Streptococcus pneumoniae	0	Clinical Isolates
Streptococcus pyogenes	0	Clinical Isolates
Streptococcus salivarius	0	Clinical Isolates
Streptococcus simulans	0	Clinical Isolates
Treponema pallidum	0	81136
Yersinia enterocolitica	0	Clinical Isolates

Table 2: Antibiotic Resistant Clinical Isolates

Test Conditions

Contact Time: 30 seconds 10,000 ppm. PCMX active Clinical Isolates

Organism	Positives	Drug
Enterobacter agglomerans	0	Ampicillin Sulfanilimide
Enterococcus faecalis	0	Vancomycin
Escherichia coli (Wound)	0	Tetracycline Ampicillin Sulfa
Escherichia coli (Urinary)	0	Sulfa Penicillin
Klebsiella oxytoca	0	Sulfanilimide Tetracycline
Klebsiella pneumoniae	0	Cephalothin Ampicillin Sulfa Tetracycline
Morganella morganii	0	Penicillin Tetracycline
Pseudomonas aeruginosa	0	Sulfa Cefatoxime Nitrofurantoin Amikacin Ampicillin Cephalothin Bactrim
Staphylococcus aureus	0	Methicillin Penicillin G Ampicillin Cefazolin Cefatoxime Chloramphenicol Ciprofloxacin Clindimycin Erythromycin Oxacillin Rifampin Tetracycline
Staphylococcus epidermidis	0	Ampicillin Chloramphenicol Erythromycin Oxacillin Bactrim Ciprofloxin

Table 3: Virus Testing

Test Conditions: 10,000 ppm PCMX Active 30 Second Contact

Virucidal Activity was Confirmed by an FDA/EPA Accepted Protocol Against the Following Viruses:

Virus	ATCC#
Adenovirus Type 2 (In DI Water)	Clinical Isolate
Avian Influenza/Turkey/Wisconsin	VR-798
Cytomegalovirus	VR-284
HBV (Hepatitis B Virus)	Clinical Isolate
HCV (Hepatitis C Virus)	BVDV
Herpes Simplex Type 1 Virus (In DI Water)	Clinical Isolate
Herpes Simplex Type 2 Virus (In DI Water)	VR-734
HIV-1 (AIDS)	Clinical Isolate
Influenza A/Brazil Virus	Clinical Isolate
Influenza A2-Asian Virus (In DI Water)	Clinical Isolate
Influenza B Virus (Allen Strain)	VR-102
Influenza C Virus (Taylor Strain)	Clinical Isolate
Measles Virus	VR-24
Newcastle Disease Virus	VR-109
Parainfluenza Type 1 Virus	VR-105
Porcine Poliovirus	VR-742
Pseudorabies Virus	VR-135
Rotavirus	Clinical Isolate
Vaccinia Virus (In DI Water)	Clinical Isolate

Table 4: Bacteriophage Testing

Test Conditions

Contact Time: 30 Seconds 10,000 ppm PCMX active

Organism	ATCC #	Log Kill
T1 Bacteriophage	11303-B1	>8 Log Kill in 10 Minutes
T4 Bacteriophage	11303-B4	>9 Log Kill in 10 Minutes

Table 5: Mold and Mildew Testing

Test Conditions

Contact Time: 30 Seconds 10,000 ppm PCMX active

Fungistatic (Mold and Mildew Control) Activity was Confirmed by the Method for Evaluation of Mildewstats on Hard Surfaces.

Organism	ATCC #	Result
Trichophyton menagrophytes (In DI Water)	9533	No Growth
Candida albicans	Clinical Isolate	No Growth
Candida neoformans	Clinical Isolate	No Growth

Table 6: Environmental Mold Testing

Test Conditions

Contact Time: 30 Seconds 10,000 ppm PCMX active

Fungistatic Activity was Confirmed by the AOAC Fungicidal Test

Organism	Results
Aspergillus candidus	No Growth
Aspergillus niger	No Growth
Penicillium chermesinum	No Growth
Penicillium oxalicum	No Growth
Penicillium spinulosum	No Growth
Ulocladium sp.	No Growth