

Table 1: Bacteria and Yeast Testing

Test Conditions:

Contact Time: 10 minutes

Organism	Positives	Carriers	ATCC #
Acinetobacter calcoaceticus var. anitratus	0	20	Clinical Isolates
Acinetobacter calcoaceticus var. woffii	0	20	Clinical Isolates
Actinobacillus pleuropneumonia	0	20	Clinical Isolates
Actinomyces pyogenes	0	20	19411
Bacillus anthracis	0	20	Soil Isolate
Bordetella bronchiseptica	0	20	Clinical Isolates
Bordetella bronchiseptica	0	20	19359
Brevibacterium ammoniagenes (in DI water)	0	20	Clinical Isolates
Campylobacter jejuni	0	20	29428
Candida albicans	0	20	Clinical Isolates
Corynebacterium pseudotuberculosis	0	20	19410
Cryptococcus neoformans	0	20	Clinical Isolates
Enterobacter aerogenes (in DI water)	0	20	Clinical Isolates
Enterobacter cloacae	0	20	Clinical Isolates
Enterobacter gergoviae	0	20	Clinical Isolates
Enterobacter liquefaciens	0	20	Clinical Isolates
Enterococcus faecalis	0	20	Clinical Isolates
Escherichia coli	0	20	Clinical Isolates
Escherichia coli 0157 :H7	0	20	Clinical Isolates
Escherichia vulneris	0	20	Clinical Isolates
Flavobacterium meningosepticum	0	20	Clinical Isolates

Organism	Positives	Carriers	ATCC #
Hafnia alvei	0	20	Clinical Isolates
Klebsiella oxytoca	0	20	Clinical Isolates
Klebsiella pneumoniae	0	20	Clinical Isolates
Listeria monocytogenes	0	20	984
Micrococcus luteus	0	20	Clinical Isolates
Morganella morganii	0	20	Clinical Isolates
Pasturella haemolyticus	0	20	Clinical Isolates
Proteus mirabilis	0	20	Clinical Isolates
Proteus vulgaris	0	20	Clinical Isolates
Pseudomonas aeruginosa	0	20	Clinical Isolates
Pseudomonas cepacia	0	20	Clinical Isolates
Pseudomonas dimunita	0	20	Clinical Isolates
Pseudomonas fluorescens	0	20	Clinical Isolates
Pseudomonas paucimobilis	0	20	Clinical Isolates
Pseudomonas picketti	0	20	Clinical Isolates
Pseudomonas pseudomallei	0	20	Clinical Isolates
Pseudomonas putida	0	20	Clinical Isolates
Pseudomonas stutzeri	0	20	Clinical Isolates
Rhodococcus equi	0	20	6939
Salmonella schottmuelleri (in DI water)	0	20	Clinical Isolates
Salmonella choleraesuis	0	20	Clinical Isolates
Salmonella typhi	0	20	6539
Salmonella typhosa	0	20	Clinical Isolates
Serratia marcescens	0	20	Clinical Isolates
Shigella paradysenteriae flexnerii	0	20	Clinical Isolates
Stahylococcus aureus	0	20	Clinical Isolates

Organism	Positives	Carriers	ATCC #
Staphylococcus aureus (toxic shock)	0	20	Clinical Isolates
Staphylococcus auricularis	0	20	Clinical Isolates
Staphylococcus capitis	0	20	Clinical Isolates
Staphylococcus epidermidis	0	20	Clinical Isolates
Staphylococcus hominis	0	20	Clinical Isolates
Staphylococcus saprophyticus	0	20	Clinical Isolates
Staphylococcus simulans	0	20	Clinical Isolates
Streptococcus agalactiae hemolytica	0	20	Clinical Isolates
Streptococcus haemolyticus	0	20	Clinical Isolates
Streptococcus hominis	0	20	Clinical Isolates
Streptococcus equi var. zooepidermicus	0	20	43079
Streptococcus equi var. equi	0	20	Clinical Isolates
Streptococcus faecalis	0	20	Clinical Isolates
Streptococcus haemolyticus	0	20	Clinical Isolates
Streptococcus haemolyticus (beta)	0	20	Clinical Isolates
Streptococcus pneumoniae	0	20	Clinical Isolates
Streptococcus pyogenes	0	20	Clinical Isolates
Streptococcus salivarius	0	20	Clinical Isolates
Streptococcus simulans	0	20	Clinical Isolates
Treponema pallidum	0	20	81136
Yersinia enterocolitica	0	20	Clinical Isolates

Table 2: Antibiotic Resistant Clinical Isolates

Test Conditions

Contact Time: 10 Minutes

Organism	Positives	Carriers	Drug
Enterobacter agglomerans	0	20	Ampicillin Sulfanilimide
Enterococcus faecalis	0	20	Vancomycin
Escherichia coli (Wound)	0	20	Tetracycline Ampicillin Sulfa
Escherichia coli (Urinary)	0	20	Sulfa Penicillin
Klebsiella oxytoca	0	20	Sulfanilimide Tetracycline
Klebsiella pneumoniae	0	20	Cephalothin Ampicillin Sulfa Tetracycline
Morganella morganii	0	20	Penicillin Tetracycline
Pseudomonas aeruginosa	0	20	Sulfa Cefatoxime Nitrofurantoin Amikacin Ampicillin Cephalothin Bactrim
Staphylococcus aureus	0	20	Methicillin Penicillin G Ampicillin Cefazolin Cefatoxime Chloramphenicol Ciprofloxacin Clindimycin Erythromycin Oxacillin Rifampin Tetracycline
Staphylococcus epidermidis	0	20	Ampicillin Chloramphenicol Erythromycin Oxacillin Bactrim Ciprofloxacin

Table 3: Virus Testing

Test Conditions:

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

Virus	ATCC#	Contact Time
Adenovirus Type 2 (In DI Water)	Clinical Isolate	10 Minutes
Avian Influenza/Turkey/Wisconsin	VR-798	10 Minutes
Cytomegalovirus	VR-284	30 Seconds
HBV (Hepatitis B Virus)	Clinical Isolate	10 minutes
HCV (Hepatitis C Virus)	BVDV	5 Minutes
Herpes Simplex Type 1 Virus (In DI Water)	Clinical Isolate	10 minutes
Herpes Simples Type 2 Virus (In DI Water)	VR-734	30 Seconds
HIV-1 (AIDS)	Clinical Isolate	30 Seconds
Influenza A/Brazil Virus	Clinical Isolate	10 Minutes
Influenza A2-Asian Virus (In DI Water)	Clinical Isolate	10 Minutes
Influenza B Virus (Allen Strain)	VR-102	30 Seconds
Influenza C Virus (Taylor Strain)	Clinical Isolate	30 Seconds
Measles Virus	VR-24	30 Seconds
Newcastle Disease Virus	VR-109	10 Minutes
Parainfluenza Type 1 Virus	VR-105	30 Seconds
Porcine Poliovirus	VR-742	30 Seconds
Pseudorabies Virus	VR-135	30 Seconds
Rotavirus	Clinical Isolate	30 Seconds
Vaccinia Virus (In DI Water)	Clinical Isolate	10 Minutes

Table 4: Bacteriophage Testing

Test Conditions

Contact Time: 10 Minutes

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: 10 Minutes

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: 10 Minutes

Fungistatic Activity was Confirmed by the AOAC Fungicidal Test

Organism	Contact Time	Results
Aspergillus candidus	10 Minutes	No Growth
Aspergillus niger	5 Minutes	No Growth
Penicillium chermesinum	10 Minutes	No Growth
Penicillium oxalicum	5 Minutes	No Growth
Penicillium spinulosum	5 Minutes	No Growth
Ulocladium sp.	5 Minutes	No Growth