



Testing 1200 Cleaning Cycles of Hospital Disinfectant
Determining Antimicrobial Activity of Immobilized Antimicrobial Agents (Modified ASTM E2149)

Test Article Identification	Organism Count (CFU/mL)		Percent Reduction
	Zero Time	4 Hour	
Acetal – EF	9.55 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – EF	8.95 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – EF	8.90 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Control – EF	8.25 x 10 ⁵	1.45 x 10 ⁶	No Reduction
Acetal – MRSA	3.55 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – MRSA	3.35 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – MRSA	4.15 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Control – MRSA	3.35 x 10 ⁵	5.30 x 10 ⁵	No Reduction
Acetal – EC	4.85 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – EC	4.80 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – EC	4.45 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Control – EC	4.65 x 10 ⁵	2.46 x 10 ⁶	No Reduction
Acetal – CA	3.85 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – CA	3.70 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – CA	3.55 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Control – CA	3.90 x 10 ⁵	5.35 x 10 ⁵	No Reduction
Acetal – PA	3.05 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – PA	3.30 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – PA	3.35 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Control – PA	3.25 x 10 ⁵	6.30 x 10 ⁵	No Reduction
Acetal – KP	1.78 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – KP	1.77 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – KP	1.89 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Control – KP	1.76 x 10 ⁵	6.25 x 10 ⁵	No Reduction
Acetal – EA	4.90 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – EA	4.95 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – EA	5.65 x 10 ⁵	1.15 x 10 ²	99.98
Control – EA	4.70 x 10 ⁵	2.64 x 10 ⁶	No Reduction
Acetal – AB	4.25 x 10 ⁵	< 1.00 x 10 ¹	>99.99
ABS – AB	3.00 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Nylon – AB	3.50 x 10 ⁵	< 1.00 x 10 ¹	>99.99
Control – AB	4.90 x 10 ⁵	5.55 x 10 ⁵	No Reduction

EF = *Enterococcus faecalis*

Source No.: 51575

MRSA = *Staphylococcus aureus*

Source No.: 33591

EC = *Escherichia coli*

Source No.: 8739

CA = *Candida albicans*

Source No.: 10231

PA = *Pseudomonas aeruginosa*

Source No.: 9027

KP = *Klebsiella pneumoniae*

Source No.: 4352

EA = *Enterobacter aerogenes*

Source No.: 13048

AB = *Acinetobacter Baumannii*

Source No.: 19606