

Efficacy Data – Aero[®] Instant

Table 1. In-vitro Antimicrobial Efficacy for Aero[®] Instant Foaming Hand Sanitizer with 0.24% Quaternary Ammonium Chloride

Test Microorganisms	Initial Inoculum (cfu/10 μ L)	Exposure Time (Minutes)			Reduction (percent)*
		0.5	1.0	2.0	
<i>Pseudomonas aeruginosa</i>	3.39 x 10 ⁵	-	-	-	99.99
<i>Klebsiella pneumoniae</i>	2.76 x 10 ⁵	-	-	-	99.99
<i>Escherichia coli</i>	15.8 x 10 ⁵	-	-	-	99.99
<i>Salmonella typhimurium</i>	18.9 x 10 ⁵	-	-	-	99.99
<i>Staphylococcus aureus</i> ATCC33591	21.2 x 10 ⁵	-	-	-	99.99
<i>Staphy. epidermidis</i>	18.3 x 10 ⁵	-	-	-	99.99
<i>Streptococcus faecalis</i> ATCC522A	9.8 x 10 ⁵	-	-	-	99.99
<i>Streptococcus agalactiae</i>	12.1 x 10 ⁵	-	-	-	99.99
<i>Micrococcus luteus</i>	14.4 x 10 ⁵	-	-	-	99.99
<i>Candida albicans</i>	12.6 x 10 ⁵	-	-	-	99.99
<i>Trichophyton mentagrophytes</i> (Athlete's Foot)	9.6 x 10 ⁵	-	-	-	99.99
<i>Salmonella choleraesuis</i>	14.1 x 10 ⁵	-	-	-	99.99
<i>Aspergillus niger</i>	11.8 x 10 ⁵	-	-	-	99.99
<i>Listeria monocytogenes</i>	17.9 x 10 ⁶	(30 seconds)			0 CFU/mL
<i>Clostridium difficile</i>	1.1 x 10 ⁴	(15 seconds)			0 CFU/mL
<i>Human Coronavirus</i> (resembles SARS-like virus family)		(15 seconds)			0 CFU/mL

(*) Indicates percentage reduction in numbers of viable cells evidenced by lack of growth in Trypticase-soy Broth medium.

(-) Indicates no survival of test organisms in the recovery medium.