



Bact-Out® antimicrobial test results.

Independent 3rd Party Tests

CoolSkin® with Bact-Out® →

Quantitative Assessment of Activity - ISO 20743:2007 <i>K. pneumoniae</i>					
Concentration of inoculum (M_a)		Log 3.12×10^4 CFU/mL = 4.5			
Control after 18 hour incubation (M_b)		Log 1.20×10^7 CFU/mL = 7.1			
Growth Value ($F = M_a - M_b$)		2.6			
Sample Description		No. of Bacteria Recovered	Log Recovery (M_c)	Log Reduction (S)	% of Reduction
AM100134	Initial	$<2.00 \times 10^1$	<1.3	>5.8	>99.9%
AM100134	After 50 washes	$<1.15 \times 10^4$	4.1	3.0	>99.9%

M_a = logarithm of concentration of starting bacterial inoculum (CFU/mL)

M_b = logarithm of number of bacteria sample after 18 hour incubation on untreated sample / inoculum control (average of 3 specimens)

M_c = logarithm of number of bacteria sample after 18 hour incubation on treated sample (average of 3 specimens)

S = Log Reduction = $M_b - M_c$