

Antimicrobial Performance Evaluation

Bactericidal, Fungicidal, Sporicidal & Virucidal Efficacy

Pathogen	Protocol	Efficacy	
Extended-spectrum beta lactamases-producing <i>Klebsiella pneumoniae</i> (ESBL-KP)	EN 13727	>6 log reduction	>99.9999
Extended-spectrum beta lactamases-producing <i>Escherichia coli</i> (ESBL-EC)	EN 13727	>6 log reduction	>99.9999
Carbapenem-resistant <i>Escherichia coli</i> (CREC)	EN 13727	>6 log reduction	>99.9999
Carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB)	EN 13727	>6 log reduction	>99.9999
Carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CRPA)	EN 13727	>6 log reduction	>99.9999
Carbapenem-resistant <i>Enterobacter species</i> (CREB)	EN 13727	>6 log reduction	>99.9999
Carbapenem-resistant <i>Klebsiella pneumoniae</i> (CRKP)	EN 13727	>6 log reduction	>99.9999
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	EN 13727	>6 log reduction	>99.9999
Vancomycin-resistant <i>Enterococcus species</i> (VRE)	EN 13727	>6 log reduction	>99.9999
<i>Aspergillus niger</i>	EN 13697	>4 log reduction	>99.99
<i>Candida albicans</i>	EN 13697	>3 log reduction	>99.9
<i>Bacillus subtilis</i>	EN 13704	>3 log reduction	>99.9
H1N1	ASTM E1053	>4 log reduction	>99.99
Modified vaccinia virus Ankara (MVA)	EN 14476	>4 log reduction	>99.99

Tests were conducted using different contact times based on the specific pathogen.

Key Benefits



Log 6 efficacy

Kills >99.999% of challenging pathogens upon contact



Broad spectrum

Potent against MDRO, bacteria, virus, fungi, yeast, moulds, and spores



Durability

Long-lasting antimicrobial protection, tested to be effective up to 72 hours



Dermatologically tested

Safe for skin with no irritations



Certified testing

Validated in GLP-certified laboratories using internationally recognized standards

