

AntiBak Residual • Test Results

EN 1276

Bacteria

A quantitative suspension test designed to evaluate bactericidal activity.

Pass: ≥ 5 log reduction in 5 minutes under clean conditions.

Pathogen	Pass	Dilution	Log. reduction	Test time
<i>Campylobacter jejuni</i>	✓	4%	$> 5.99^*$	1 min.
<i>Enterococcus hirae</i>	✓	4%	$> 5.25^*$	5 min.
<i>Escherichia coli</i>	✓	4%	$> 7.00^*$	5 min.
<i>Klebsiella pneumoniae</i>	✓	4%	$> 6.23^*$	1 min.
<i>Pseudomonas aeruginosa</i>	✓	20%	$> 5.27^*$	5 min.
<i>Salmonella enteritidis</i>	✓	4%	$> 6.20^*$	1 min.
<i>Salmonella typhimurium</i>	✓	4%	$> 6.23^*$	5 min.
<i>Staphylococcus aureus</i>	✓	4%	$> 5.27^*$	5 min.
Vancomycin-resistant <i>Enterococcus faecalis</i> (VRE)	✓	20%	$> 6.00^*$	1 min.

EN 13727

Bacteria

A quantitative suspension test designed to evaluate bactericidal activity in the medical area.

Pass: ≥ 4 log reduction in 10 minutes under clean conditions.

Pathogen	Pass	Dilution	Log. reduction	Test time
<i>Legionella pneumophila</i>	✓	10%	$> 5.43^*$	10 min.

EN 14476

Viruses

A quantitative suspension test designed to evaluate virucidal activity.

Pass: ≥ 4 log reduction in 5 minutes under clean conditions.

Pathogen	Pass	Dilution	Log. reduction	Test time
Bovine Coronavirus	✓	20%	≥ 4.40	30 sec.
Swine Flu H1N1 [†]		25%	≥ 3.25	5 min.

EN 1650

Fungi

A quantitative suspension test designed to evaluate fungicidal activity.

Pass: ≥ 4 log reduction in 15 minutes at 20°C under dirty conditions.

Pathogen	Pass	Dilution	Log. reduction	Test time
<i>Aspergillus niger</i>	✓	20%	> 5.00	15 min.
<i>Candida albicans</i>	✓	20%	> 5.00	15 min.

Residuality testing

Proven residuality up to 28 days

Tested against *E.coli* and *Listeria monocytogenes* and proven to remain effective 28 days after application.

Scientific Services, Lincolnshire

Proven residuality up to 7 days

Tested against MRSA, *E.coli*, *Salmonella enteritidis*, *Candida albicans*, *Klebsiella pneumoniae* and *Listeria monocytogenes* and proven to remain effective after 24 hours, 48 hours and 7 days.

Rowett Institute, Aberdeen

Proven residuality against *E.coli*

Used with a steam cleaner, proven to remain highly effective against *E.coli* after 24 hours, 48 hours and 7 days after application.

Scientific Services, Lincolnshire

Independent testing

Bacteria

A quantitative suspension test designed to evaluate bactericidal activity, carried out by the Commercial Microbiology, Aberdeen.

Pathogen	Pass	Dilution	Inactivation (%)	Test time
<i>Listeria monocytogenes</i>	✓	50%	> 6.90	5 min.

Independent M.I.C. testing

Bacteria

A quantitative suspension test evaluating the Minimum Inhibitory Concentration (MIC) of AntiBak Residual against two strains of *Serratia marcesens*, carried out by the Dept of Microbiology & Biochemistry, University of the Free State, Bloemfontein, RSA.

Pass: no bacterial growth detected.

Pathogen	Pass	Dilution	Result	Test time
<i>Serratia marcesens</i> (ATCC strain)	✓	0.2%	No growth	20 min.
<i>Serratia marcesens</i> (highly resistant strain)	✓	6.3%	No growth	20 min.

* Minimum log. reduction - limited by culture † Screen testing

Manufactured by



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