

Hand Sanitiser • 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	Log. reduction	Test time
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	✓	4.60	45 sec.
<i>Escherichia coli</i>	✓	5.54	45 sec.
	✓	> 6.32*	1 min.
<i>Salmonella enteritidis</i>	✓	5.13	1 min.
	✓	> 6.20*	2 min.
<i>Salmonella typhimurium</i>	✓	3.47	45 sec.
<i>Staphylococcus aureus</i>	✓	5.36	1 min.

EN 14561

Bacteria

A quantitative surface test designed to evaluate bactericidal activity of disinfectants in the medical area in the conditions in which they are used.

Pass: ≥ 5 log reduction in 60 minutes under clean conditions.

Pathogen	Pass	Log. reduction	Test time
<i>Enterococcus hirae</i>	✓	5.58	30 min.
<i>Escherichia coli</i>	✓	> 6.48*	10 min.
<i>Pseudomonas aeruginosa</i>	✓	5.03	30 min.
<i>Staphylococcus aureus</i>	✓	5.05	30 min.

EN 13704

Spores

A quantitative suspension test designed to evaluate sporicidal activity.

Pass: ≥ 3 log reduction in 60 minutes at 20°C under clean conditions.

Pathogen	Pass	Log. reduction	Test time
<i>Clostridium difficile</i>	✓	> 3.00	60 min.

EN 1650

Fungi

A quantitative suspension test designed to evaluate fungicidal activity.

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

Pathogen	Pass	Log. reduction	Test time
<i>Aspergillus niger</i>		2.94	1 min.
	✓	5.37	5 min.

EN 1275

Fungi

A quantitative suspension test designed to evaluate fungicidal activity.

Pass: ≥ 4 log reduction in 15 minutes at 20°C with no interfering substance used.

Pathogen	Pass	Log. reduction	Test time
<i>Aspergillus niger</i>	✓	> 6.85*	15 min.
<i>Candida albicans</i>	✓	> 6.88*	15 min.

EN 14476 (Screen testing)

Viruses

A preliminary suspension test designed to evaluate virucidal activity prior to full

EN 14476 Testing. Done under clean conditions.

Pathogen	Log. reduction	Test time
Bovine Coronavirus	Screen Tested $\geq 2.75^*$	30 sec.
H1N1 Swine Flu	Screen Tested $\geq 3.50^*$	1 min.

Other results

Dermatologically tested 96 hour skin patch test done on 30 volunteers: "did not cause any irritation throughout the studyand the claim of 'Dermatologically tested' can be substantiated".

Effective against bacteria in 30 seconds Independently tested against *Staphylococcus aureus*, MRSA, *E.coli*, *E.hirae*, *Pseudomonas aeruginosa* and *Salmonella typhimurium* and shown to be highly effective after 30 seconds.

2 hours residuality Tested against bacteria (MRSA, *E.coli*, *Salmonella enteritidis*, *Salmonella typhimurium*), fungi (*Candida albicans*) and spores (*C.difficile*) and shown to provide up to 99.99% protection 2 hours after application.

4 hours residuality Tested against *E.coli* and shown to provide >99.8% protection (log. 2.98 reduction) 4 hours after application.

*Minimum log. reduction - limited by culture