

Testing was performed in accordance with European Standard EN 14885:2022 and the latest regulatory efficacy requirements for disinfectants used in the medical area.

ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
SPORICIDAL			
<i>Bacillus subtilis</i>	EN 17126	Suspension	Clean 1
<i>Bacillus cereus</i>			
<i>Clostridioides difficile</i>			

MYCOBACTERICIDAL/TUBERCULOCIDAL			
<i>Mycobacterium terrae</i>	EN 14348	Suspension	Clean 1 & Dirty 1
<i>Mycobacterium avium</i>			

VIRUCIDAL			
Poliovirus Type 1	EN 14476	Suspension	Clean 1 & Dirty 1
Adenovirus Type 5			
Murine Norovirus			

FUNGICIDAL/YEASTICIDAL			
<i>Candida albicans</i>	EN 16615	Surface with mechanical action	Clean 1 & Dirty 1
<i>Aspergillus brasiliensis</i>	EN 13624	Suspension	Clean 1 & Dirty 1
<i>Candida albicans</i>			

BACTERICIDAL			
<i>Staphylococcus aureus</i>	EN 16615	Surface with mechanical action	Clean 1 & Dirty 1
<i>Enterococcus hirae</i>			
<i>Pseudomonas aeruginosa</i>			
<i>Staphylococcus aureus</i>	EN 13727	Suspension	Clean 1 & Dirty 1
<i>Enterococcus hirae</i>			
<i>Pseudomonas aeruginosa</i>			

Additional testing

ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
SPORES			
<i>Clostridium sporogenes</i>	EN 14561/AOAC 966.04	Carrier	Dirty 2
<i>Bacillus subtilis</i>	Bespoke Test	Surface with mechanical action	Not Applicable
			Dirty 3
<i>Bacillus cereus</i>	EN 16615	Surface with mechanical action	Clean 1

MYCOBACTERIA			
<i>Mycobacterium avium</i>	EN 16615	Surface with mechanical action	Dirty 1
<i>Mycobacterium terrae</i>			
<i>Mycobacterium terrae</i>	Bespoke Test	Surface with mechanical action	Dirty 3
<i>Mycobacterium avium</i>			
<i>Mycobacterium tuberculosis</i>			
<i>Mycobacterium terrae</i>	EN 14563	Carrier	Clean 1 & Dirty 2
<i>Mycobacterium avium</i>			
<i>Mycobacterium terrae</i>	DGHM	Carrier	Clean 1
<i>Mycobacterium avium</i>			
<i>Mycobacterium terrae</i>	Griffiths et al. (J. of Hosp. Inf. 1998)	Suspension	Not Applicable

VIRUSES			
Bovine Coronavirus	EN 16615	Surface with mechanical action	Dirty 1
Murine Norovirus			Clean 1 & Dirty 1
Human Papillomavirus (HPV) Type 16	Meyers et al (J Med Virol. 2020; 92: 1298–1302.)	Simulated-use Test	Dirty 2
Human Papillomavirus (HPV) Type 18			



Additional testing

ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
VIRUSES (continued)			
Poliovirus Type 1	ASTM E-1053	Surface without mechanical action	Dirty 2
Herpes Simplex Virus (HSV) Type 1			
Hepatitis B Virus (HBV)	Bespoke Testing	Suspension	Not Applicable
Hepatitis C Virus (HCV)			
Human Immunodeficiency Virus (HIV)			
Poliovirus Type 1	DVV/RKI	Suspension	Clean 2 & Dirty 4
Adenovirus Type 5			
Murine Norovirus			
Human Papillomavirus (HPV) (Using Polyomavirus SV40 surrogate)			
Vaccinia Virus			
FUNGI/YEAST			
Aspergillus brasiliensis	EN 16615	Surface with mechanical action	Clean 1
Candida albicans	EN 14562	Carrier	Clean 1 & Dirty 1
Candida auris			Dirty 2
Trichophyton interdigitale	AOAC 955.17	Carrier	Dirty 2
Candida albicans	DGHM	Carrier	Clean 1

Additional testing

ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
BACTERIA (continued)			
<i>Staphylococcus aureus</i>	EN 14561	Carrier	Clean 1 & Dirty 1
<i>Enterococcus hirae</i>			
<i>Pseudomonas aeruginosa</i>			
<i>Escherichia coli</i>			
<i>Enterobacter cloacae</i>			Clean 1
<i>Klebsiella pneumoniae</i>			
Vancomycin-resistant Enterococci (VRE) <i>Enterococcus faecium</i>			
<i>Staphylococcus aureus</i>	VAH 2015	Carrier & Suspension	Clean 1
<i>Enterococcus hirae</i>			
<i>Pseudomonas aeruginosa</i>			
<i>Escherichia coli</i>	EN 13727	Suspension	Clean 1
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)			

Conditions Key:

Clean 1: 0.3 g/l Bovine albumin

Clean 2: Aqua bidest

Dirty 1: 3g/l Bovine albumin + 3ml/l Blood erythrocytes

Dirty 2: 5% Blood Serum

Dirty 3: 3g/l Bovine albumin

Dirty 4: 10% Blood Serum