

ESSENTIAL TEST DATA

ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
SPORICIDAL			
Clostridium sporogenes	EN 14561/AOAC 966.04	Carrier	Dirty 1
MYCOBACTERICIDAL/TUBERCULOCIDAL			
Mycobacterium terrae	EN 14563 (P2, S2)	Carrier	Dirty 1
Mycobacterium avium			
VIRUCIDAL			
Poliovirus Type 1	EN 14476 (P2, S1)	Suspension	Clean 1 & Dirty 4
Adenovirus Type 5			
Murine Norovirus			
Poliovirus Type 1	ASTM E1053	Surface without mechanical action	Dirty 1
Herpes Simplex Virus Type 1			
FUNGICIDAL/YEASTICIDAL			
Aspergillus brasiliensis	EN 13624 (P2, S1)	Suspension	Dirty 4
Candida albicans			
Candida albicans	EN 14562 (P2, S2)	Carrier	Dirty 4
BACTERICIDAL			
Pseudomonas aeruginosa	EN 13727 (P2, S1)	Suspension	Dirty 4
Staphylococcus aureus			
Enterococcus hirae			
Pseudomonas aeruginosa	EN 14561 (P2, S2)	Carrier	Clean 1 & Dirty 4
Staphylococcus aureus			
Enterococcus hirae			

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ADDITIONAL TEST DATA

Beyond essential testing, further studies have confirmed the product's effectiveness against key pathogens and demonstrated broader performance characteristics.

MICROORGANISMS

ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
SPORES			
<i>Bacillus subtilis</i>	Bespoke Test	Surface with mechanical action	Not Applicable
			Dirty 2
<i>Clostridioides difficile</i>	EN 17126 (P2, S1)	Suspension	Clean 1 & Dirty 4
MYCOBACTERIA			
<i>Mycobacterium terrae</i>	Bespoke Test	Surface with mechanical action	Dirty 2
<i>Mycobacterium avium</i>			
<i>Mycobacterium tuberculosis</i>			
VIRUSES			
Human Papillomavirus (HPV) Type 16	Meyers et al (J Med Virol. 2020; 92: 1298–1302.)	Simulated-use Test	Dirty 1
Human Papillomavirus (HPV) Type 18			
Adenovirus Type 5	EN 17111 (P2, S2)	Carrier	Dirty 4
Murine Norovirus			
Hepatitis B Virus (HBV)	Bespoke Test	Suspension	Not Applicable
Hepatitis C Virus (HCV)			
Human Immunodeficiency Virus (HIV)			
Polyomavirus SV40	DVV/RKI	Suspension	Clean 2 & Dirty 3
Coronavirus (SARS-CoV-2)*	EN 14476 (P2, S1)	Suspension	Dirty 1

* A representative sample of Tristel chlorine dioxide chemistry has been tested following EN 14476 at a concentration of 20 parts per million (ppm). Tristel Sporidical Wipe, part of the Trio Wipes System, has a chlorine dioxide concentration greater than 20 ppm at the point of use.

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ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
FUNGI & YEAST			
<i>Trichophyton interdigitale</i>	AOAC 955.17	Carrier	Dirty 1
<i>Candidozyma auris</i> (Formerly <i>Candida auris</i>)	EN 14562 (P2, S2)	Carrier	Dirty 1
BACTERIA			
<i>Escherichia coli</i>	EN 14561 (P2, S2)	Carrier	Clean 1 & Dirty 4
<i>Enterobacter cloacae</i>			Clean 1
<i>Klebsiella pneumoniae</i>			
Vancomycin-resistant <i>Enterococcus faecium</i> (VRE)			

KEY

Clean 1	0.3g/l Bovine albumin	Dirty 3	10% Blood Serum
Clean 2	Aqua bidest	Dirty 4	3g/l Bovine albumin + 3ml Blood erythrocytes
Dirty 1	5% Blood Serum	P2, S1	Phase 2, Step 1
Dirty 2	3g/l Bovine albumin Serum	P2, S2	Phase 2, Step 2

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