



ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
SPORICIDAL			
<i>Clostridium sporogenes</i>	EN 14561/AOAC 966.04	Carrier	Dirty 1
<i>Bacillus subtilis</i>	Bespoke Test	Surface with mechanical action	Not Applicable
<i>Bacillus subtilis</i>			Dirty 2
MYCOBACTERICIDAL/ TUBERCULOCIDAL			
<i>Mycobacterium terrae</i>	EN 14563	Carrier	Dirty 1
<i>Mycobacterium avium</i>			
<i>Mycobacterium terrae</i>	Bespoke Test	Surface with mechanical action	Dirty 2
<i>Mycobacterium avium</i>			
<i>Mycobacterium tuberculosis</i>			
VIRUCIDAL			
Poliovirus Type 1	ASTM E-1053	Surface without mechanical action	Dirty 1
Herpes Simples Virus (HSV) Type 1			
Human Papillomavirus (HPV)*	DVV/RKI	Suspension	Clean 2 & Dirty 3
Hepatitis B Virus (HBV)	Bespoke Testing	Suspension	Not Applicable
Hepatitis C Virus (HCV)			
Human Immunodeficiency Virus (HIV)			
Poliovirus Type 1	EN 14476	Suspension	Clean 1
Adenovirus Type 5			
Murine Norovirus			
Coronavirus (SARS-CoV-2)**			Dirty 1



ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
FUNGICIDAL/ YEASTICIDAL			
<i>Candida albicans</i>	EN 14562	Carrier	Dirty 4
<i>Trichophyton interdigitale</i>	AOAC 955.15	Carrier	Dirty 1
<i>Aspergillus brasiliensis</i>	EN 13624	Suspension	Dirty 4
<i>Candida albicans</i>			

BACTERICIDAL			
<i>Staphylococcus aureus</i>	EN 14561	Carrier	Dirty 4
<i>Enterococcus hirae</i>			
<i>Pseudomonas aeruginosa</i>			
<i>Escherichia coli</i>			
<i>Klebsiella pneumoniae</i>			Clean 1
Vancomycin-resistant Enterococci (VRE) <i>Enterococcus faecium</i>			
<i>Staphylococcus aureus</i>	EN 13727	Suspension	Dirty 4
<i>Enterococcus hirae</i>			
<i>Pseudomonas aeruginosa</i>			

CONDITIONS KEY:

Clean 1: 0.3 g/l Bovine albumin

Clean 2: Aqua bidest

Dirty 1: 5% Blood Serum

Dirty 2: 3 g/l Bovine albumin

Dirty 3: 10% Fetal Calf Serum

Dirty 4: 3g/l Bovine albumin + 3ml/l Blood erythrocytes

* Based on Polyomavirus SV40 surrogate testing and native infectious HPV strains 16 and 18 as tested by Meyers et al., (2020).

** A representative sample of Tristel chlorine dioxide chemistry has been tested following EN 14476:2013+A2:2019 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.