



ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
SPORICIDAL			
<i>Clostridium sporogenes</i>	EN 14561/AOAC 966.04	Carrier	Dirty 1

MYCOBACTERICIDAL/TUBERCULOCIDAL			
<i>Mycobacterium terrae</i>	EN 14563	Carrier	Dirty 1
<i>Mycobacterium avium</i>			
<i>Mycobacterium terrae</i>	EN 14348	Suspension	Clean 1
<i>Mycobacterium avium</i>			

VIRUCIDAL			
Poliovirus Type 1	ASTM E-1053	Surface without mechanical action	Dirty 1
Adenovirus Type 5			
Herpes Simples Virus (HSV) Type 1			
Poliovirus Type 1	DVV/RKI (2014)	Suspension	Clean 2 & Dirty 3
Adenovirus Type 5			
Human Papillomavirus (HPV)*			
Vaccinia Virus			
Poliovirus Type 1	EN 14476	Suspension	Clean 1
Adenovirus Type 5			Dirty 2
Murine Norovirus			
Influenza A (H1N1)			Dirty 1
Coronavirus (SARS-CoV-2)**			



FUNGICIDAL/YEASTICIDAL

<i>Aspergillus brasiliensis</i>	EN 14562	Carrier	Clean 1
<i>Candida albicans</i>			
<i>Aspergillus brasiliensis</i>	EN 13624	Suspension	Clean 1
<i>Candida albicans</i>			

ORGANISM

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BACTERICIDAL

<i>Staphylococcus aureus</i>	EN 14561	Carrier	Clean 1
<i>Enterococcus hirae</i>			
<i>Pseudomonas aeruginosa</i>			
Carbapenem-resistant Enterobacteriaceae (CRE) <i>Klebsiella pneumoniae</i>			
Vancomycin-resistant Enterococci (VRE) <i>Enterococcus faecium</i>			
<i>Staphylococcus aureus</i>	EN 13727	Suspension	Dirty 2
<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: 3g/l Bovine albumin + 3ml/l Blood erythrocytes

Dirty 3: 10% Fetal Calf Serum

* 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 Duo OPH has a chlorine dioxide concentration greater than 20 ppm at the point of use.