TANK

ClO_2 SPORICIDAL DISINFECTANT

5 MIN

MICROBIOLOGICAL EFFICACY SUMMARY

Testing for TANK ClO_2 Sporicidal Disinfectant performed in accordance with European Standard EN 14885:2022 and the latest efficacy requirements published for surface disinfectants.

	ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
SPORICIDAL	*Bacillus subtilis**	EN 17126	Suspension	Clean 1
	*Bacillus cereus**			
	*Clostridioides difficile**			
	Clostridioides difficile	prEN 17846	Surface with mechanical action	Clean 1
MYCOBACTERICIDAL	*Mycobacterium terrae*	EN 14348	Suspension	Dirty 2
	Mycobacterium avium			
	Mycobacterium terrae	EN 16615	Surface with mechanical action	Dirty 1
	Mycobacterium avium			
VIRUCIDAL	Poliovirus Type 1	EN 14476	Suspension	Clean 1 and Dirty 1
	Adenovirus Type 5			
	Murine Norovirus			
YEASTICIDAL	*Candida albicans*	EN 16615	Surface with Mechanical Action	Clean 1
	Aspergillus brasiliensis			Clean 1 and Dirty 1
	Candida albicans	EN 13624	Suspension	Dirty 1
	Aspergillus brasiliensis			Clean 1
BACTERICIDAL	*Staphylococcus aureus*	EN 16615	Surface with Mechanical Action	Clean 1
	Enterococcus hirae			
	Pseudomonas aeruginosa			
	Staphylococcus aureus	EN 13727	Suspension	Clean 1 and Dirty 1
	Enterococcus hirae			
	Pseudomonas aeruginosa			

ADDITIONAL TESTING

	ORGANISM	TEST METHOD	TEST TYPE	CONDITIONS
VIRUS	SARS-CoV-2**	EN 14476	Suspension	Dirty 2
FUNGI	*Candida auris*	EN 16615	Surface with mechanical action	Dirty 1
	Candida auris	EN 14562	Carrier	Dirty 2
	Trichophyton interdigitale	EN 13624	Suspension	Clean 1
	Trichophyton rubrum			
	Trichophyton mentagrophytes			
BACTERIA	*Streptococcus pyogenes*	EN 16615	Surface with Mechanical action	Clean 1
	Staphylococcus aureus	EN 14561	Carrier	Clean 1
	Enterococcus hirae			
	Pseudomonas aeruginosa			
	Staphylococcus capitis	EN 13727	Suspension	Dirty 1
	Escherichia coli	EN 13727	Suspension	Clean 1
	Enterococcus faecalis			
	Enterococcus faecium			
	Acinetobacter baumannii			
	Methicillin-Resistant *Staphylococcus aureus* (MRSA)			
	Vancomycin-Resistant Enterococci (VRE) *Enterococcus faecium*			
	Carbapenem-Resistant Enterobacteriaceae (CRE) *Klebsiella pneumoniae*			
	Extended Spectrum Beta-Lactamase (ESBL) *Klebsiella pneumoniae*			
	Multidrug-Resistant *Acinetobacter baumannii* (MDRAB)			

Clean/Dirty Conditions Key:

Clean 1: 0.3 g/l Bovine albumin
Dirty 1: 3 g/l Bovine albumin + 3 g/l sheep erythrocytes
Dirty 2: 5% Fetal bovine serum (FBS)

*Chlorine dioxide solution aged in TANK for five days and then tested in accordance with EN 17126:2018.

**A representative sample of Tristel chlorine dioxide chemistry has been tested in accordance with EN 14476:2013+A2:2019 at a concentration of 20 parts per million (ppm). TANK ClO_2 has a chlorine dioxide concentration greater than 20 ppm at the point of use.

Microbiological testing is ongoing. For the latest information, please contact validation@tristel.com.