

EFFICACY TESTS

The Tevan Panox product family has been tested against the following types of micro-organisms within the product types **PT02**, **PT03** and **PT04**. Below a list of adequate scientifically proven tests for claims according to the BPR guidelines.

TEVAN
PANOX[®]
DISINFECTANTS

PT02 Disinfectants and algacides not intended for direct application to humans or animals

Claims	Test organism	Norm	Required Log reduction	Concentration %	Exposure time	Result Log reduction
Type organisms	Test name	Reference	Dosage	Contact	Germicidal activity	
Bacteria	Enterococcus hirae	EN 13697 surfacetest PT02	>4	1,0	5 min.	▼ 6,7
	Enterococcus hirae	EN 13727 suspensiontest PT02	>5	1,0	5 min.	▼ 5,38
	Enterococcus hirae	NF T72 281 room disinfection PT02	>5	10,582	15 + 90 min.	▼ 6,43
	Escherichia coli	EN 13697 surfacetest PT02	>4	1,0	5 min.	▼ 6,69
	Escherichia coli	NF T72 281 room disinfection PT02	>5	10,582	15 + 90 min.	▼ 6,74
	Pseudomonas aeruginosa	EN 13697 surfacetest PT02	>4	1,0	5 min.	▼ 6,79
	Pseudomonas aeruginosa	EN 13727 suspensiontest PT02	>5	1,0	5 min.	▼ 5,44
	Pseudomonas aeruginosa	NF T72 281 room disinfection PT02	>5	10,582	15 + 90 min.	▼ 6,41
	Staphylococcus aureus	EN 13697 surfacetest PT02	>4	1,0	5 min.	▼ 6,79
	Staphylococcus aureus	EN 13727 suspensiontest PT02	>5	1,0	5 min.	▼ 5,35
	Staphylococcus aureus	NF T72 281 room disinfection PT02	>5	10,582	15 + 90 min.	▼ 6,62
	Fungi	Aspergillus brasiliensis	EN 13624 suspensiontest PT02	>4	4,0	5 min.
Aspergillus brasiliensis		EN 13697 surfacetest PT02	>3	4,5	5 min.	▼ 6,06
Aspergillus brasiliensis		NF T72 281 room disinfection PT02	>4	10,582	15 + 90 min.	▼ 6,53
Mycobacteria	Mycobacterium avium	EN 14348 micobact PT02	>4	7,0	5 min.	▼ 6,26
	Mycobacterium avium	NF T72 281 room disinfection PT02	>4	10,582	15 + 90 min.	▼ 6,07
	Mycobacterium terrae	EN 14348 micobact PT02	>4	6,0	15 min.	▼ 6,51
	Mycobacterium terrae	EN 14348 micobact PT02	>4	7,0	5 min.	▼ 4,74
	Mycobacterium terrae	NF T72 281 room disinfection PT02	>4	10,582	15 + 90 min.	▼ 6,05
Tuberculocidal	NF T72 281 Room disinfection PT02	>4	10,582	15 + 90 min.	▼ 6,05	
Viruses	Adenovirus Type 5 (ATCC VR-5)	EN 14476: 2013+A1: 2015 suspensiontest PT02 (virus)	>4	1,0	5 min.	▼ 5,69
	Adenovirus Type 5 (ATCC VR-5)	NF T72 281 carrier test room PT02 (virus)	>4	10,582	15 + 90 min.	▼ 5,69
	Murine norovirus (Berlin 06/06/DE Isolate S99)	EN 14476: 2013+A1: 2015 suspensiontest PT02 (virus)	>4	1,0	5 min.	▼ 4,13
	Murine norovirus (Berlin 06/06/DE Isolate S99)	NF T72 281 carrier test room PT02 (virus)	>4	10,582	15 + 90 min.	▼ 5,44
Poliovirus Type 1	EN 14476 suspensiontest PT02 (virus)	>4	6	5 min.	▼ 4,1	
Yeast	Candida albicans	EN 13624 suspensiontest PT02	>4	1,0	5 min.	▼ 4,29
	Candida albicans	EN 13697 surfacetest PT02	>3	2,0	5 min.	▼ 5,65
	Candida albicans	NF T72 281 room disinfection PT02	>4	10,582	15 + 90 min.	▼ 5,31

PT03 Veterinary hygiene

Claims	Test organism	Norm	Required Log reduction	Concentration %	Exposure time	Result Log reduction	
Type organisms	Test name	Reference	Dosage	Contact	Germicidal activity		
Bacteria	Enterococcus hirae	EN 14349 surfacetest PT03	>4	2,0	5 min.	▼ 5,63	
	Enterococcus hirae	EN 16437 surfacetest PT03 Porous	>4	6,0	15 min.	▼ 5,01	
	Enterococcus hirae	EN 1656 suspensiontest PT03	>4	2,0	5 min.	▼ 5,23	
	Proteus hauseri (vulgaris)	EN 14349 surfacetest PT03	>4	2,0	5 min.	▼ 4,85	
	Proteus hauseri (vulgaris)	EN 16437 surfacetest PT03 Porous	>4	4,0	5 min.	▼ 4,98	
	Proteus hauseri (vulgaris)	EN 1656 suspensiontest PT03	>4	2,0	5 min.	▼ 5,34	
	Pseudomonas aeruginosa	EN 14349 surfacetest PT03	>4	2,0	5 min.	▼ 5,07	
	Pseudomonas aeruginosa	EN 16437 surfacetest PT03	>4	2,0	5 min.	▼ 5,8	
	Pseudomonas aeruginosa	EN 16437 surfacetest PT03 Porous	>4	6,0	5 min.	▼ 4,92	
	Pseudomonas aeruginosa	EN 1656 suspensiontest PT03	>4	2,0	5 min.	▼ 5,29	
	Staphylococcus aureus	EN 14349 surfacetest PT03	>4	2,0	5 min.	▼ 5,62	
	Staphylococcus aureus	EN 16437 surfacetest PT03 Porous	>4	6,0	15 min.	▼ 4,37	
	Staphylococcus aureus	EN 1656 suspensiontest PT03	>4	2,0	5 min.	▼ 5,37	
	Viruses	Bovine enterovirus type 1 (ECBO virus LCR-4)	EN 14675 suspensiontest PT03 (virus)	>4	0,2	30 min.	▼ 4,25
	Yeast	Candida albicans	EN 16438 surfacetest PT03	>4	2,0	5 min.	▼ 4,26
Candida albicans		EN 1657 suspensiontest PT03	>4	2,0	5 min.	▼ 4,54	

PT04 Food and feed area

Claims	Test organism	Norm	Required Log reduction	Concentration %	Exposure time	Result Log reduction
Type organisms	Test name	Reference	Dosage	Contact	Germicidal activity	
Bacteria	Enterococcus hirae	EN 13697 surfacetest PT04	>4	1,0	5 min.	▼ 6,7
	Escherichia coli	EN 13697 surfacetest PT04	>4	1,0	5 min.	▼ 6,69
	Legionella pneumophila	EN 13623 suspensiontest legionella PT04	>5	0,88	5 min.	▼ 5,17
	Pseudomonas aeruginosa	EN 13697 surfacetest PT04	>4	1,0	5 min.	▼ 6,79
	Staphylococcus aureus	EN 13697 surfacetest PT04	>4	1,0	5 min.	▼ 6,79
Bacteria spores	Bacillus cereus (spores)	EN 13704 suspensiontest PT04	>3	2,0	60 min.	▼ 3,4
	Bacillus subtilis (spores)	EN 13704 suspensiontest PT04	>3	2,0	60 min.	▼ 3,5
Fungi	Aspergillus brasiliensis	EN 13697 surfacetest PT04	>3	4,5	5 min.	▼ 6,06
Yeast	Candida albicans	EN 13697 surfacetest PT04	>3	2,0	5 min.	▼ 5,65