

## Microbiological Efficacy Summary

The tables below present a summary of test reports available for Perastel 3 Day Manual disinfectant. The tests were performed strictly in accordance with European test norms by independent UKAS accredited laboratories or Academic Institutions.

EN Standard	EN13727 Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the medical area				
Pass Criteria	Greater than 5 lg reduction				
TEST RESULTS	Organism	Contact time	Log reduction	Conditions	Laboratory
	<i>Pseudomonas aeruginosa</i>	5 min.	>5.30	Dirty 1	MGS
	<i>Staphylococcus aureus</i>	5 min.	>5.15	Dirty 1	MGS
	<i>Enterococcus hirae</i>	5 min.	>5.26	Dirty 1	MGS
	<i>Pseudomonas aeruginosa</i>	5 min. – 3 days post preparation	>5.47	Dirty 1	MGS
	<i>Staphylococcus aureus</i>	5 min. – 3 days post preparation	>5.36	Dirty 1	MGS
	<i>Enterococcus hirae</i>	5 min. – 3 days post preparation	>5.49	Dirty 1	MGS
	<i>Enterococcus faecium</i>	5 min.	>5.11	Clean 1	MGS
	<i>Klebsiella pneumoniae</i>	5 min.	>5.36	Clean 1	MGS
	Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	5 min.	>5.33	Clean 1	MGS
	<i>Escherichia coli</i>	5 min.	>5.14	Clean 1	MGS

EN Standard	EN 14561 Chemical disinfectants and antiseptics – Quantitative carrier test for the evaluation of bactericidal activity of chemical disinfectants for instruments used in the used in the medical area				
Pass Criteria	Greater than 5 lg reduction				
TEST RESULTS	Organism	Contact time	Log reduction	Conditions	Laboratory
	<i>Pseudomonas aeruginosa</i>	5 min.	>5.23	Dirty 1	MGS
	<i>Staphylococcus aureus</i>	5 min.	>5.85	Dirty 1	MGS
	<i>Enterococcus hirae</i>	5 min.	>5.26	Dirty 1	MGS

EN Standard	EN14562 Chemical disinfectants and antiseptics – Quantitative carrier test for the evaluation of fungicidal or yeasticidal activity for instruments used in the medical area				
Pass Criteria	Greater than 4 lg reduction				
TEST RESULTS	Organism	Contact time	Log reduction	Conditions	Laboratory
	<i>Candida albicans</i>	5 min.	>4.28	Clean 1	MGS
	<i>Aspergillus brasiliensis</i>	5 min.	>4.30	Clean 1	MGS

EN Standard	EN 14476 Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of virucidal activity for instruments used in the medical area				
Pass Criteria	Greater than 4 lg reduction				
TEST RESULTS	Organism	Contact time	Log reduction	Conditions	Laboratory
	Adenovirus Type 5	2 min.	>4	Clean 1	Retroscreen Virology

EN Standard	Bespoke Suspension Test				
TEST RESULTS	Organism	Contact time	Log reduction	Conditions	Laboratory
	Herpes Simplex Virus Type 1	10 min.	>4	2% calf serum	Oxford Radcliffe Hospitals
	Echovirus 11	10 min.	>5	2% calf serum	Oxford Radcliffe Hospitals

EN Standard	EN14563 Chemical disinfectants and antiseptics – quantitative carrier test for the evaluation of mycobactericidal or tuberculocidal activity of chemical disinfectants for instruments used in the medical area				
Pass Criteria	Greater than 4 lg reduction				
TEST RESULTS	Organism	Contact time	Log reduction	Conditions	Laboratory
	<i>Mycobacterium terrae</i>	5 min.	>5.42	Clean 1	MGS
	<i>Mycobacterium avium</i>	5 min.	>5.75	Clean 1	MGS

EN Standard	EN13704 Chemical disinfectants – quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas				
Pass Criteria	Greater than 3 lg reduction				
TEST RESULTS	Organism	Contact time	Log reduction	Conditions	Laboratory
	<i>Bacillus subtilis</i>	5 min.	>3	Clean 1	Huddersfield

**Clean/Dirty Conditions Key**

Clean 1: 0.3g/L Bovine albumin

Dirty 1: 3.0m/L sheep erythrocytes and 3.0g/L Bovine albumin



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