



XTR



Steri-7

**HIGH LEVEL
SURFACE
DISINFECTANT
CLEANER**

**REACTIVE BARRIER
TECHNOLOGY
PROTECTION
BETWEEN CLEANS**

**KILLS PATHOGENS
99.9999%
WITHIN SECONDS**

Steri-7 Xtra Test Data Summary

PROTECTION BETWEEN CLEANS

	Organism	Laboratory	Method	Dilution	Results (LOG)
1	Acinetobacter baumannii	Abbott Analytical	BSEN 1276	2%	6.52
2	Adenovirus	MSL Laboratories	BSEN 16777	10%	4.00
3	Aspergillus fumigatus	Abbott Analytical	BSEN 1650	2%	5.91
4	Aspergillus brasiliensis	Abbott Analytical	BSEN 13697	10%	5.09
5	Aspergillus brasiliensis	Abbott Analytical	BSEN 1650	2%	4.98
6	Aspergillus brasiliensis	Irish Equine Centre	EN 1656:2000 24 Hours	2%	6.00
7	Bacillus	Irish Equine Centre	14 DAY IN-VIVO	2%	N/A
8	Bacillus cereus	Abbott Analytical	BSEN 14347	2%	6.47
9	Bacillus subtilis	Abbott Analytical	BSEN 14347	2%	5.51
10	Bovine viral diarrhea virus	BluScientific	ASTM E1052 SAME DAY VIRUSES	10%	3.93
11	Bovine viral diarrhea virus	BluScientific	ASTM E1052 1 DAY VIRUSES	10%	4.04
12	Brochothrix thermosphacta	Irish Equine Centre	A semi-confluent lawn	2%	5.00
13	Burkholderia cenocepacia	NIR Public Health Lab	Prof J E Moore Study/Peer Review	10%	6.00
14	Burkholderia gladioli	NIR Public Health Lab	Prof J E Moore Study/Peer Review	10%	6.00
15	Burkholderia multivorans	NIR Public Health Lab	Prof J E Moore Study/Peer Review	10%	6.00
16	Campylobacter jejuni	Abbott Analytical	BSEN 1276	2%	5.36
17	Campylobacter jejuni poultry isolate	Irish Equine Centre	A semi-confluent lawn	2%	5.00
18	Candida Albicans	Abbott Analytical	BSEN 13697	2%	5.14
19	Clostridium difficile	Abbott Analytical	BSEN 13704	2%	4.40
20	Clostridium difficile	Abbott Analytical	BSEN 13697	2%	3.28
21	Clostridium difficile	Abbott Analytical	BSEN 13704	10%	6.93
22	Clostridium perfringens	Abbott Analytical	BSEN 13704	10%	5.69
23	Corynebacterium	Irish Equine Centre	14 DAY IN-VIVO	2%	5.00
24	E.coli	Cheshire Scientific	Hospital Ward Setting	10%	Not Present
25	E.coli	Irish Equine Centre	14 DAY IN-VIVO	2%	5.00
26	EHV1 Herpes	Animal Health Trust	Fresh same day viruses	2%	6.30
27	EHV1 Herpes	Animal Health Trust	7 Day virus	2%	7.00
28	EHV1 Herpes	Animal Health Trust	14 Day virus	2%	7.00
29	EHV4 Herpes	Animal Health Trust	Fresh same day viruses	2%	4.20
30	EHV4 Herpes	Animal Health Trust	7 Day virus	2%	4.72
31	EHV4 Herpes	Animal Health Trust	14 Day virus	2%	3.67
32	EMRSA 15	NHS Freeman Hospital	BSEN 13697	10%	5.68
33	EMRSA 16	NHS Freeman Hospital	BSEN 13697	10%	5.04
34	Enterobacter faecalis	Irish Equine Centre	A semi-confluent lawn	2%	5.00
35	Enterobacter mundtii	Irish Equine Centre	A semi-confluent lawn	2%	5.00
36	Enterobacter phoeniculicola	Irish Equine Centre	A semi-confluent lawn	2%	5.00
37	Enterobacteria	Abbott Analytical	AIR CANADA	10%	N/A
38	Enterococcus hirae	NHS Research Lab	BSEN 13727	10%	6.28
39	Enterococcus hirae	MGS	BSEN 13727	10%	6.50
40	Enterococcus hirae	Abbott Analytical	BSEN 1276	10%	6.49
41	Enterococcus hirae	Abbott Analytical	BSEN 1276 LEMON	10%	6.71
42	Enterococcus hirae	Abbott Analytical	BSEN 13697 LEMON	10%	6.00

PAS 2424:2014

	Organism	Laboratory	Method	Dilution	Results (LOG)
1	Pseudomonas aeruginosa	MSL Laboratories	PAS 2424 RBT Residue with abrasion	10%	6.52
2	Staphylococcus aureus	MSL Laboratories	PAS 2424 RBT Residue with abrasion	10%	4.00
3	Escherichia coli	MSL Laboratories	PAS 2424 RBT Residue with abrasion	10%	5.91
4	Enterococcus hirae	MSL Laboratories	PAS 2424 RBT Residue with abrasion	10%	5.09
5	Candida Albicans	MSL Laboratories	PAS 2424 RBT Residue with abrasion	10%	4.98

	Organism	Laboratory	Method	Type	Results (LOG)
43	Enterococcus hirae	Abbott Analytical	BSEN 1276	2%	6.71
44	Enterococcus hirae	Abbott Analytical	BSEN 13697	1%	6.44
45	Enterococcus hirae	Abbott Analytical	BSEN 14349	10%	6.44
46	Enterococcus hirae	Abbott Analytical	BSEN 12054	RTU	6.11
47	Enterococcus hirae	Abbott Analytical	BSEN 1276 Hand Sanitiser	RTU	5.31
48	Enterococcus hirae	Abbott Analytical	BSEN 1276 Hand Sanitiser	RTU	5.31
49	Enterococcus hirae	Abbott Analytical	BSEN 12054 Hand Sanitiser	RTU	6.72
50	Escherichia coli	Abbott Analytical	BSEN 1276	2%	6.62
51	Escherichia coli	Abbott Analytical	BSEN 1276 Aerosol Spray	10%	6.37
52	Escherichia coli	Abbott Analytical	BSEN 1276 LEMON	2%	6.52
53	Escherichia coli	Abbott Analytical	BSEN 13697 LEMON	2%	6.00
54	Escherichia coli	Abbott Analytical	BSEN 1276	2%	6.52
55	Escherichia coli	Abbott Analytical	BSEN 13697	2%	5.40
56	Escherichia coli	MGS	BSEN 1276	2%	6.50
57	Escherichia coli	University Ottawa Canada	QCT-1 QCT-2 QCT-2M 7 DAY	10%	6.39
58	Escherichia coli	MGS	7 DAY	10%	6.00
59	Escherichia coli	Abbott Analytical	BSEN 12054 Hand Sanitiser	RTU	6.14
60	Escherichia coli	Abbott Analytical	BSEN 1500 Hand Sanitiser	RTU	5.37
61	Escherichia coli	Abbott Analytical	BSEN 12791 Hand Sanitiser residual activity	RTU	3.49
62	Escherichia coli	Abbott Analytical	BSEN 1276 (Hand Sanitiser	RTU	5.25
63	Escherichia coli	Abbott Analytical	BSEN 1276 Hand Sanitiser	RTU	5.25
64	Escherichia coli	Abbott Analytical	BSEN 1499 Hand Wash	RTU	4.54
65	Escherichia coli	Abbott Analytical	BSEN 12791 3hrs Hand Wash	RTU	4.50
66	Escherichia coli	Abbott Analytical	BSEN 12054 Hand Sanitiser	RTU	6.70
67	Feline Calicivirus	BluScientific	EN 14476	2%	4.83
68	Feline Coronavirus	BluScientific	ASTM E1052 1, 3 & 7 Day Viruses	10%	4.10
69	Feline Immunodeficiency	BluScientific	ASTM E1052 1, 3 & 7 Day Viruses	10%	3.70
70	Gram Neg Gram Pos Mould & Yeast	Yorkshire Ambulance Service	Ambulance Decontamination on site	2%	N/A
71	Hepatitis C	BluScientific	ASTM E1052 Viruses	10%	4.04
72	HIV	BluScientific	ASTM E1052 Viruses	10%	3.70
73	Influenza A virus H1N1	BluScientific	ASTM E1052 Viruses	10%	4.96
74	Influenza A virus H1N1	BluScientific	ASTM E1052 1 DAY Viruses	10%	3.79
75	Influenza A virus H1N1	BluScientific	ASTM E1052 3 DAY Viruses	10%	3.84
76	Influenza A virus H1N1	BluScientific	ASTM E1052 7 DAY Viruses	10%	3.59
77	Klebsiella pneumoniae NDM-1	Abbott Analytical	BSEN 1276	2%	6.44
78	Legionella pneumophila	Abbott Analytical	BSEN 13623	2%	6.45
79	Listeria monocytogenes	Abbott Analytical	BSEN 13697	2%	5.23
80	Listeria monocytogenes	Abbott Analytical	BSEN 13727	2%	6.25
81	Listeria monocytogenes	Irish Equine Centre	A semi-confluent lawn	2%	5.00
82	M.R.S.A Equine clinical isolate	Irish Equine Centre	EN 1656:2000 24 Hours	2%	7.00
83	Mold & Yeast	Cheshire Scientific	Hospital Ward Setting	10%	Total Kill

PROTECTION BETWEEN CLEANS

	Organism	Laboratory	Method	Type	Results (LOG)
84	MRSA	Abbott Analytical	BSEN 13697	2%	5.88
85	MRSA	MGS	BSEN 1276	2%	6.40
86	MRSA	MGS	BSEN 13697	2%	6.70
87	MRSA	Abbott Analytical	BSEN 13697 Wipes Immediate	10%	6.00
88	MRSA	Abbott Analytical	BSEN 13697 Wipes 1 DAY	10%	4.00
89	MRSA	Abbott Analytical	BSEN 13697 Wipes 2 DAY	10%	4.00
90	MRSA	University Ottawa Canada	QCT-1 QCT-2 QCT-2M 7 DAY	10%	6.79
91	MRSA	Abbott Analytical	BSEN 13727	2%	6.25
92	MRSA FRANCE 95035	NHS Freeman Hospital	BSEN 13697	10%	5.12
93	MRSA NCTC 11939	NHS Freeman Hospital	BSEN 13697	10%	5.48
94	Murine norovirus	MSL Laboratories	BSEN 16777	10%	4.00
94	Mycobacterium fortuitum	Abbott Analytical	BSEN 14204	2%	6.82
95	Mycobacterium fortuitum	Abbott Analytical	BS6734 DEFRA G/ORDERS	10%	N/A
96	Mycobacterium terrae	Abbott Analytical	BSEN 14348	10%	6.59
97	Various	NHS Research Laboratory	RBT DAMP WIPING TEST 3 DAY	10%	N/A
98	Neisseria	Irish Equine Centre	14 DAY IN-VIVO	2%	N/A
99	Norovirus	BluScientific	EN 14476	2%	4.83
100	Parvovirus	Irish Equine Centre	Laboratory evaluation	2%	4.00
101	Penicillium	Irish Equine Centre	14 DAY IN-VIVO	2%	N/A
102	phoeniculicola	Irish Equine Centre	A semi-confluent lawn	2%	5.00
103	Proteus vulgaris	Abbott Analytical	BSEN 14349	2%	6.43
104	Pseudomonas aeruginosa	NHS Research Laboratory	BSEN 13727	10%	6.42
105	Pseudomonas aeruginosa	Abbott Analytical	BSEN 12766 Fogging	2%	6.41
106	Pseudomonas aeruginosa	Abbott Analytical	BSEN 1276 Aerosol Spray	10%	6.38
107	Pseudomonas aeruginosa	Abbott Analytical	BSEN 12766 HLEmon	2%	6.90
108	Pseudomonas aeruginosa	Abbott Analytical	BSEN 1276	2%	6.90
109	Pseudomonas aeruginosa	Abbott Analytical	BSEN 13697	2%	6.39
110	Pseudomonas aeruginosa	MGS	BSEN 1040	2%	6.10
111	Pseudomonas aeruginosa	Abbott Analytical	BSEN 143494349	2%	6.55
112	Pseudomonas aeruginosa	Northern Ireland Public Health Laboratory	Prof J E Moore Study/Peer Review	2%	6.00
113	Pseudomonas aeruginosa	University Ottawa Canada	QCT-1 QCT-2 QCT-2M 7 DAY	10%	7.30
114	Pseudomonas aeruginosa	Abbott Analytical	BSEN 1276 Hand Sanitiser	RTU	5.21
115	Pseudomonas aeruginosa	Abbott Analytical	BSEN 1276 Hand Sanitiser	RTU	5.21
116	Pseudomonas aeruginosa	Abbott Analytical	BSEN 12054 Hand Sanitiser	RTU	6.29
117	Pseudomonas fluorescens	Irish Equine Centre	A semi-confluent lawn	2%	5.00
118	Pseudomonas fragi	Irish Equine Centre	A semi-confluent lawn	2%	5.00
119	Pseudomonas psychrophila	Irish Equine Centre	A semi-confluent lawn	2%	5.00
120	Pseudomonas putida	Irish Equine Centre	A semi-confluent lawn	2%	5.00
121	Pseudomonas sp.	Irish Equine Centre	A semi-confluent lawn	2%	5.00
122	Rhodococcus equi isoate	Irish Equine Centre	EN 1656:2000 24 Hours	2%	7.00
123	Salmonella choleraesuis	DEFRA/VLA Laboratories	BS6734 DEFRA GENRAL ORDERS	10%	PASS

PROTECTION BETWEEN CLEANS

	Organism	Laboratory	Method		Results (LOG)
124	Salmonella cholerasuis	MGS	BSEN 13697	2%	4.10
125	Salmonella enteritidis	MGS	BSEN 1276	2%	6.30
126	Salmonella enteritidis	MGS	7 DAY	2%	N/A
127	Salmonella sp.	Irish Equine Centre	EN 1656:2000 24 Hours	2%	7.00
128	Salmonella typhimurium	Abbott Analytical	BSEN 13697	2%	5.61
129	Salmonella typhimurium	Abbott Analytical	BSEN 13727	2%	6.35
130	SARS virus	BluScientific	ASTM E1052 1,3 & 7 DAY VIRUSES	2%	4.10
131	Staphylococci	Irish Equine Centre	14 DAY IN-VIVO	2%	N/A
132	Staphylococcus aureus	NHS Research Laboratory	BSEN 13727	2%	6.53
133	Staphylococcus aureus	Abbott Analytical	BSEN 1276 Fogging	2%	6.60
134	Staphylococcus aureus	Abbott Analytical	BSEN 1276 Lemon	2%	6.56
135	Staphylococcus aureus	Abbott Analytical	BSEN 13697 Lemon	2%	6.00
136	Staphylococcus aureus	Abbott Analytical	BSEN 1276	2%	6.56
137	Staphylococcus aureus	MGS	BSEN 13697	2%	6.40
138	Staphylococcus aureus	MGS	BSEN 1040	2%	6.80
139	Staphylococcus aureus	Abbott Analytical	BSEN 14349	2%	6.43
140	Staphylococcus aureus	RECKETT AND BENCKISER labs	24hr Residue test protocol	10%	4.66
141	Staphylococcus aureus	University Ottawa Canada	QCT-1 QCT-2 QCT-2M 7 DAY	10%	6.80
142	Staphylococcus aureus	Abbott Analytical	BSEN 1276 Hand Sanitiser Gel	RTU	5.35
143	Staphylococcus aureus	Abbott Analytical	BSEN 1276 (Hand Sanitiser Foam)	RTU	5.35
144	Staphylococcus aureus	Abbott Analytical	BSEN 12054 Hand Sanitiser	RTU	6.73
145	Staphylococcus aureus.	Abbott Analytical	CIBA 145 (test for residual activity)	RTU	N/A
146	Stenotrophomonas maltophilia	Northern Ireland Public Health Lab	Prof J E Moore Study/Peer Review	2%	6.00
147	Streptococcus equi	Irish Equine Centre	EN 1656:2000 24 Hours	2%	7.00
148	Trichophyton sp. Isolate	Irish Equine Centre	1 DAY	2%	6.30
149	Vancomycin-resistant Enterococcus	University Ottawa Canada	QCT-1 QCT-2 QCT-2M 7 DAY	10%	6.82
150	Vaccinia virus	MSL Solutions	BSEN 14467	5%	4.50
151	Vaccinia virus	MSL Solutions	BSEN 16777	10%	5.00
152	Yest	Irish Equine Centre	14 DAY IN-VIVO	2%	N/A
153	Candida Albicans	QACS Lab	BSEN 16615	10%	4.82
154	Enterococcus hirae	QACS Lab	BSEN 16615	10%	5.87
155	Pseudomonas aeruginosa	QACS Lab	BSEN 16615	10%	6.01
156	Staphylococcus aureus	QACS Lab	BSEN 16615	10%	5.94

Bespoke Testing

	Method	Sector
157	ISO 10993	Primary Skin Irritation Study
158	SOFT METAL COMPATIBILITY TEST	Pressurised Containers/Tanks
159	ENDOSCOPE COMPATIBILITY TEST	Fujinon
160	ENDOSCOPE COMPATIBILITY TEST	Fujinon
161	ENDOSCOPE COMPATIBILITY TEST	Richard Wolf
162	FOOD TAIN TEST	Medical Areas Food & Domestic
163	BLOOD REMOVAL TEST	Medical Areas Food & Domestic
164	AMS 1452B	AIRCRAFT COMPATIBILITY TESTING
165	AMS 1452A	AIRCRAFT COMPATIBILITY TESTING