



It's fun to be hygienic.

Splodge products have been proven effective against a wide range of harmful organisms by leading independent European testing laboratories. The table below summarises some of the key tests conducted on our products. Due to the extensive product testing conducted it is not possible to list here all the test procedures undertaken.

If you require efficacy against an organism not listed please contact us and we review our test files to see if we can provide specific test data for your needs.

For further information and ordering details, contact your Splodge representative or email info@splodgehygiene.co.uk.

1 Test results: By pathogen type

Pathogen	Concentration	Test	Laboratory	Contact time	Result
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Viruses

Adenovirus	RTU	EN 14476	Mikrolab GmbH	30-120 Seconds	Pass
Adenovirus	RTU / 1:50	AFNOR	Eurostar Technology Ltd, Canterbury	2 Minutes	Pass
Bacteriophage Virus	RTU / 1:50	AFNOR	Eurostar Technology Ltd, Canterbury	60-90 Seconds	Pass
Canine Parvovirus	1:100 / 1:150 / 1:200	ET/BL002376 /10/94A	Eurostar Technology Ltd, Canterbury	2, 5, and 10 Minutes	Pass
Diseases of Poultry Order and Avian Influenza	RTU	LABS OWN	Department for Environmental Food and Rural Affairs (DEFRA)		Pass
H1N1 Influenza A	RTU / 1:25 / 1:50	LABS OWN	Veterinary Laboratories Agency, Weybridge		99.99
H1N1 virus	RTU / 1:50	LABS OWN	Veterinary Laboratories Agency	30 Seconds	Pass
Hepatitis B	RTU / 1:50	LABS OWN	John Radcliffe Hospital, Oxford	2 Minutes	Pass
Hepatitis C	RTU / 1:50	LABS OWN	Micropathology Ltd, Coventry	5 Minutes	<100HCV RNA
HIV	RTU / 1:50	LABS OWN	John Radcliffe Hospital, Oxford	2 Minutes	Pass
Influenza	1:100 / 1:150 / 1:200	ET/BL002376 /10/94A	Eurostar Technology Ltd, Canterbury	2, 5, and 10 Minutes	Pass
Murine norovirus	RTU	EN 14476	Mikrolab GmbH	30-60 Seconds	Pass
Newcastle Disease	1:100 / 1:150 / 1:200	ET/BL002376 /10/94A	Eurostar Technology Ltd, Canterbury	2, 5, and 10 Minutes	Pass
Orthopox	RTU / 1:50	AFNOR	Eurostar Technology Ltd, Canterbury	2 Minutes	Pass
Polio	RTU / 1:50	AFNOR	Eurostar Technology Ltd, Canterbury	2 Minutes	Pass
Poliovirus	RTU	EN 14476	Mikrolab GmbH	30-120 Seconds	Pass

Mycobacteria

Mycobacterium avium	RTU / 1:50	LABS OWN	Swedish Institute for Infectious Disease Control, Stockholm	30 Seconds	Pass
Mycobacterium fortuitum	RTU / 1:50	LABS OWN	Swedish Institute for Infectious Disease Control, Stockholm	30 Seconds	Pass
Mycobacterium tuberculosis	RTU / 1:50	LABS OWN	Swedish Institute for Infectious Disease Control, Stockholm	30 Seconds	Pass
Mycobacterium terrae	RTU	EN 1276	Law Laboratories Ltd, Birmingham	30 Seconds	99.99

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Document version: Sp-ETRS-20190501



Pathogen	Concentration	Test	Laboratory	Contact time	Result
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Yeast & Fungi

Aspergillus niger	RTU	EN1650	Bodycote Lawlabs Laboratories, Birmingham	30 Seconds	99.99
Aspergillus niger	1:1000	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Candida albicans	RTU	EN1650	Bodycote Lawlabs Laboratories, Birmingham	30 Seconds	99.99
Candida albicans	1:1600	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Epidermophyton floccosum	1:940	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Microsporum canis	1:940	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Microsporum gypsum	1:940	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Oidium lactis	1:1600	minimum inhibitory concentration	Chemical Solutions Consultancy	10 Minutes	99.99
Penicillium funiculosum	1:1140	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Saccharomyces cerevisiae	RTU	EN1650	Bodycote Lawlabs Laboratories, Birmingham	30 Seconds	99.99
Saccharomyces cerevisiae	1:1600	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Trichophyton mentagrophytes	1:900	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99

Bacteria

Clostridium difficile	RTU	EN 1276	Bodycote Lawlabs Laboratories, Birmingham	15 Minutes	99.99
Enterococcus hirae	RTU	EN13727	MGS Laboratories, Berkshire	30 Seconds	Pass
Enterococcus hirae	RTU	EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Enterococcus hirae	RTU	EN 1276	City Hospital NHS Trust, Birmingham	60 Seconds	99.99
Escherichia coli	RTU	EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Escherichia coli	RTU	EN 1276	Law Laboratories Ltd, Birmingham	30 Seconds	99.99
Escherichia coli	RTU	EN 1276	City Hospital NHS Trust, Birmingham	60 Seconds	99.99
Escherichia coli	1:1200	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Klebsiella aerogenes	1:800	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Klebsiella fortuitum	1:800	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Legionella pneumophila	RTU	EN 1276	Bodycote Lawlabs Laboratories, Birmingham	15 Minutes	99.99
Leptospira species	1:900	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Listeria monocytogenes	RTU	EN 1276	Law Laboratories Ltd, Birmingham	30 Seconds	99.99
Listeria monocytogenes	1:900	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Proteus mirabilis	1:900	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Proteus vulgaris	1:500	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Pseudomonas aeruginosa	RTU	EN 1276	City Hospital NHS Trust, Birmingham	60 Seconds	99.99
Pseudomonas aeruginosa	1:900	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Pseudomonas aeruginosa	RTU	EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Pseudomonas aeruginosa	RTU	EN13727	MGS Laboratories, Berkshire	30 Seconds	Pass
Pseudomonas fluorescens	1:800	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Salmonella choleraesuis	1:800	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Salmonella enteritidis	1:1000	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Salmonella enteritidis	RTU	EN 1276	Law Laboratories Ltd, Birmingham	30 Seconds	99.99
Salmonella typhi	1:800	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Salmonella typhimurium	1:1000	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Shigella flexneri	1:1200	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Shigella sonnei	1:1000	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Staphylococcus aureus	1:1000	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Staphylococcus aureus	RTU	EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Staphylococcus aureus	RTU	EN13727	MGS Laboratories, Berkshire	30 Seconds	Pass
Staphylococcus aureus	1:1000	EN 1276	Law Laboratories Ltd, Birmingham	30 Seconds	99.99
Staphylococcus aureus	RTU	EN 1276	City Hospital NHS Trust, Birmingham	60 Seconds	99.99
Streptococcus epidermidis	1:1000	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Streptococcus faecalis	1:900	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99
Streptococcus pyogenes	1:1000	Min. inhibitory conc.	Chemical Solutions Consultancy	10 Minutes	99.99

Spores

Bacillus subtilis spores	1:10	LABS OWN	Chemical Solutions Consultancy	5 Minutes	<10 recovery
Bacillus subtilis spores	RTU	LABS OWN	MS labs	5 Minutes	99.99
Clostridium difficile spores	RTU	EN 1276	Bodycote Lawlabs Laboratories, Birmingham	15 Minutes	99.99
Clostridium difficile spores	RTU	EN 13704	Abbott Analytical Laboratories	5 Minutes	Pass

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2 Test results: Safety and specific applications

Pathogen	Concentration	Test	Laboratory	Contact time	Result
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Product safety

Dermatological testing	RTU	LABS OWN	CuTest Systems Ltd, Cardi	48 Hours	Pass
Toxicity testing on Mouse embryo assay	RTU	LABS OWN	Charles Rivers Laboratories	96 Hours	>80% survival

Hand gel sanitiser specific

Adenovirus		EN14476	Mikrolab GmbH	30-120 Seconds	Pass
Adenovirus		AFNOR	Eurostar Technology Limited, Berkshire	30 Seconds	Pass
Dermatological testing		LABS OWN	CuTest Systems Ltd, Cardiff	48 Hours	Pass
EN1500		EN1500	Campden Technology Ltd	3 Minutes	Pass
Enterococcus hirae		EN13727	MGS Laboratories, Berkshire	30 Seconds	Pass
Enterococcus hirae		EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Escherichia coli		EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Murine norovirus		EN14476	Mikrolab GmbH	30-60 Seconds	Pass
Orthopox		AFNOR	Eurostar Technology Limited, Berkshire	30 Seconds	Pass
Polio		AFNOR	Eurostar Technology Limited, Berkshire	30 Seconds	Pass
Poliovirus		EN14476	Mikrolab GmbH	30-120 Seconds	Pass
Pseudomonas aeruginosa		EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Pseudomonas aeruginosa		EN13727	MGS Laboratories, Berkshire	30 Seconds	Pass
Staphylococcus aureus		EN12054	MGS Laboratories, Berkshire	30 Seconds	<10
Staphylococcus aureus		EN13727	MGS Laboratories, Berkshire	30 Seconds	Pass
Virucidal Activity and Bactericidal Performance (AFNOR) Test		AFNOR	Eurostar Technology Limited, Berkshire	30 Seconds	Pass

Hand product efficacy

(EN1500 tests on users hands, comparative test against ethanol)

Escherichia coli	RTU	EN1500	Campden BRI	30 Seconds	Pass
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Miscellaneous

3 year shelf life testing	RTU	EN13727	Abbott Analytical	14 Days	Pass
DEFRA Approval List	RTU	LABS OWN	Department for Environmental Food and Rural Affairs	5 Minutes	Pass

3 Notes

1. The test results are generally expressed as the % kill i.e. 99.99% of the original pathogen population. In some instances only a pass or fail has been provided; and in these cases the table is explicit.
2. The active ingredient in the following Splodge products is BIOCHEM: surface sanitising solution, foam hand sanitiser, disinfectant air freshener, and medical hand scrub. This is confirmed on specific product labelling with the "Powered by BIOCHEM" logo. The reformulation into finished product does not affect the efficacy of the active ingredient.
3. Tests were either conducted at the dilution the end product are used i.e. 1:16, (referred to this as "RTU") or at different dilutions (in which case it is specified). The demonstrated product efficacy at higher dilution levels indicates a margin of safety. For example a product being used at 1:15 may still be effective at 1:50.
3. Where product has been tested at multiple dilutions we have listed this but only put the results for the RTU otherwise it was getting complicated, we can provide further information if required. Minimum inhibitory concentration ("Min. inhibitory conc." in the table above) test is determined at what level product remains effective, indicating greater dilutions are also effective.