

ViralFx™ Effective Against – Viruses, Bacteria's, Fungi & Spore's

Viruses :

Group	Genera	Organism	Strain	Country	Dilution	Enve	DNA /RN	Disease	Organism	Group Comments
Adenoviridae	Aviadenovirus	Adenovirus		Italy	1:100	no	dsDNA			Resistant to ether, bile detergents, trypsin and acid. Most remain infectious for up to 1 month at 37°C, or 1 year at 4°C
	Aviadenovirus	Adenovirus		France	1:100	no	dsDNA			
	Aviadenovirus	Adenovirus ana1	Strain EDS 127	England	1:100	no	dsDNA	egg drop syndrome	poultry	
	Aviadenovirus	Adenovirus ana2	ATCC VR-921 (Duck)	USA	1:100	no	dsDNA	egg drop syndrome	poultry	
	Mastadenovirus	ICH virus	Purdue strain	USA	1:100	no	dsDNA	ICH	dog	
	Mastadenovirus	Bovine adenovirus type 4	ATCC VR-640	USA	1:100	no	dsDNA		cattle	
	Mastadenovirus	ICH virus	ATCC VR800	USA	1:100	no	dsDNA	ICH	dog	
	Mastadenovirus	ICH virus	ATCC VR800	USA	1:100	no	dsDNA	ICH	dog	
Arenaviridae	Arenavirus	Lassa fever virus		England	1:200	yes	ssRNA	lassa fever	man	
Astroviridae	Astrovirus	PEMS associated astrovirus	not specified	USA	1:67	no	ssRNA	Poult Enteritis Mortality Syndrome	turkey	
Baculoviridae	Baculovirus	White spotted red baculovirus	White spotted virus	Thailand	9ppm	yes	dsDNA	White Spot Syndrome	Prawn / shrimp	
Birnaviridae	Birnavirus	IBD virus	Strain 52/70	England	1:250	yes	dsRNA	Gumboro	poultry	Resistant to ether, phenol and quats. Stable at pH 2-11 persistent in poultry houses.
		IBD virus	Strain DV86	England	1:250	yes	dsRNA	Gumboro	poultry	
		IBD virus		USA	1:100	yes	dsRNA	Gumboro	poultry	

		IBD virus		USA	1:100	yes	dsRNA	Gumboro		
		IBD virus		Canada	1:100	yes	dsRNA	Gumboro		
Bunyaviridae	Phlebovirus	Rift valley fever virus		England	1:400	yes	ssRNA	rift valley fever	cattle, man	Sensitive to lipid solvents and detergents.
Hantaan Virus	Phlebovirus	Rift valley fever virus	Ar 55171	Nigeria	1:500	yes	ssRNA	rift valley fever	sheep, goats	
Caliciviridae	Calicivirus	Feline calici virus		England	1:50	no	ssRNA	resp. disease complex	cat	Stable at pH5, but unstable at pH3.
		Feline calici virus	ATCC VR782	USA	1:100	no	ssRNA	resp. disease complex	cat	
Circoviridae	Circovirus	Chicken anaemia virus	Cux 1	England	1:250	no	ssDNA	chicken anaemia	poultry	
	Circovirus	Porcine circovirus type 2	ISU 31	USA	1:100	no	ssDNA	Post-weaning multi systemic wasting syndrome (PMWS)	pig	
	Circovirus	Porcine circovirus type 2	PCV2	USA	1:200	no	ssDNA	Post-weaning multi systemic wasting syndrome (PMWS)	Pig	
Coronaviridae	Coronavirus	Infectious Bronchitis Virus	AOAC standar	USA	1:100	yes	ssRNA	infectious bronchitis	poultry	Last 1-2 days at room temp but considerably longer at lower temperatures.
SARS	Coronavirus	TGE Virus	Strain FS216/63	England	1:450	yes	ssRNA	trans. gastro-enteritis	pig	
	Coronavirus	TGE Virus	ATCC VR-763	USA	1:100	yes	ssRNA	trans. gastro-enteritis	pig	
	Coronavirus	Feline infectious Peritonitis	ATCC VR2202	USA	1:100	yes	ssRNA	Infectious Peritonitis	cat	
	Coronavirus	Canine Coronavirus	ATCC VR-809	USA	1:100	yes	ssRNA	Coronaviral enteritis	dog	
Hepadnaviridae	Hepadnavirus	Hepatitis B virus		England	1:50	no	dsDNA	hepatitis	man	

	Hepadnavirus	Hepatitis B virus		Thailand	1:100	no	dsDNA	hepatitis	man		
	Hepadnavirus	Hepatitis B virus		Italy	1:100	no	dsDNA	hepatitis	man		
	Hepadnavirus	Hepatitis B virus		UK	1:100	no	dsDNA	hepatitis	man		
	Hepadnavirus	Hepatitis C virus		UK	1:100	no	dsDNA	hepatitis	man		
Herpesviridae	alpha	Equid herpes virus 3	Type 3 (alpha)	USA	1:100	yes	dsDNA	coital exanthema	horse	Herpes viruses are sensitive to ether and relatively labile to heat desiccation and acid pH.	
	alpha	Equid herpes virus 1	Type 1 (alpha)	USA	1:100	yes	dsDNA	viral pneumonitis	horse		
HERPES	alpha	Herpes Simplex Virus 1	Type 1	Japan	1:200	yes	dsDNA	coldsores	man		
	alpha	Bovid herpesvirus 1	Oxford strain	England	1:600	yes	dsDNA	bovine rhinotracheitis	cattle		
	alpha	Bovid herpesvirus 2	ATCC VR-188	USA	1:100	yes	dsDNA	mamillitis	cattle		
	alpha	Suid herpes virus 1		N Zealand	1:200	yes	dsDNA	aujeskys disease	pig		
	alpha	Suid herpes virus 2	ATCC VR-135	USA	1:100	yes	dsDNA	aujeskys disease	pig		
	alpha	Felid herpes virus 1	ATCC VR636	USA	1:100	yes	dsDNA	feline rhinotracheitis	cat		
	gamma	Gallid herpes virus 1		England	1:200	yes	dsDNA	fowl paralysis (Mareks)	poultry		
	gamma	Gallid herpes virus 3	Strain CVL14/1CEF (4)	England	1:200	yes	dsDNA	turkey rhinotracheitis	turkey		
	gamma	Gallid herpes virus 4		USA	1:100	yes	dsDNA	avian influenza	fowl		
		Herpes virus		Italy	1:100	yes	dsDNA				
											relatively heat stable,

Iridoviridae	Iridovirus	ASF virus	20/1	England	1:800	yes	ssDNA	African swine fever	pig	2hrs at 56°C and 2 years at 4°C. Stable at 10 but readily inactivated by disinfectants.
Orthomyxoviridae	type A	Avian influenza virus		England	1:320	yes	ssRNA	fowl plague	poultry	
	type A	Avian influenza virus		USA	1:100	yes	ssRNA	fowl plague	poultry	
	type A	Equine influenza virus	ATCC VR-2070	USA	1:100	yes	ssRNA	equine influenza	horse	
		Infectious Salmon Anaemia (ISAV)		Canada	1:200			Infectious Salmon Anae		
		Infectious Salmon Anaemia (ISAV)		Canada	1:100			Infectious Salmon Anae		
Papovaviridae	Pappiloma virus	Bovine polyoma virus		England	1:100	no	dsDNA	papillomatosis	cattle	These are resistant viruses, comparable to parvoviridae.
	Pappiloma virus	SV40 Virus (simian)	ATCC VR-305	USA	1:100	no	dsDNA	tumours	monkey	
Paramyxoviridae	Morbillivirus	Measles (rubeola) virus	M135F13A	Nigeria	1:250	yes	ssRNA	measles	man	These viruses are relatively heat stable and pH stable.
	Avian paramyxo	Avian paramyxovirus 1		England	1:280	yes	ssRNA	Newcastle disease	poultry	
	Avian paramyxo	Avian paramyxovirus 1		USA	1:100	yes	ssRNA	Newcastle disease	poultry	
	Avian paramyxo	Avian paramyxovirus 1		Canada	1:100	yes	ssRNA	Newcastle disease	poultry	
		Parainfluenza virus	ATCC VR-281	USA	1:100	yes	ssRNA	no serotype	poultry	
	Metapneumovirus	Gallid herpes virus 2	ATCC VR-584 C (TRT)	USA	1:100	yes	dsDNA	avirulent	turkey	

	Paromyxovirus	parainfluenza 5	ATCC VR666	USA	1:100	yes	ssRNA	kennel cough	dog	
Parvoviridae	species specific	Canine parvovirus		England	1:50	no	ssDNA	parvoviral enteritis	dog	These are resistant to heat, lipid solvents and to trypsin. They are stable between pH 3-9 and may remain viable in formites for several years.
		Canine parvovirus		N Zealand	1:50	no	ssDNA	parvoviral enteritis	dog	
		Canine parvovirus	Cornell strain	USA	1:100	no	ssDNA	parvoviral enteritis	dog	
		Parvovirus	ATCC VR-742	USA	1:100	no	ssDNA	no serotype		
		Feline parvovirus	ATCC VR648	USA	1:100	no	ssDNA	feline panleucopenia	cat	
		Canine parvovirus	ATCC VR2017	USA	1:100	no	ssDNA	parvoviral enteritis	dog	
		Aleutian Disease Virus		Holland	1:50	no	ssDNA	Aleutian disease	mink	
	Parvovirus	Mouse Parvovirus	ATCC VR-1346	USA	1:100	no	ssDNA	Minute virus of mice	Mice	
Picornaviridae	Aphovirus	Foot and mouth disease virus		England	1:1300	no	ssRNA	foot & mouth disease	all - (see*)	Resistant to lipid solvents, detergents and bile salts and survive well in the external environment. Are relatively resistant to heat, dessication and low temperatures. Generally resistant to most disinfectants. * foot & mouth disease affects all cloven hoofed animals.
	Enterovirus	Echo Virus (type 6)	Type 6	Italy	1:100	no	ssRNA	aseptic meningitis	man	
	Enterovirus	Swine enterovirus		England	1:200	no	ssRNA	swine vesicular disease	pig	
	Enterovirus	Porcine enterovirus 1	AFNOR T 72-171	France	1:100	no	ssRNA	Teschen Talfan disease	pig	
	Enterovirus	Polio virus		Italy	1:100	no	ssRNA	poliomyelitis	man	
	Enterovirus	Polio virus	Type 2, strain MEF-1	England	1:100	no	ssRNA	poliomyelitis	man	

	Enterovirus	Polio virus (type 1)	Type 1	Japan	1:200	no	ssRNA	poliomyelitis	man	
	Enterovirus	Polio virus (type 1)	Types 1, 2 & 3	Nigeria	1:200	no	ssRNA	poliomyelitis	man	
	Enterovirus	Polio virus (Lsc 2ab)	Type 1(Lsc 2ab)	Russia	1:50	no	ssRNA	poliomyelitis	man	
	Enterovirus	Polio virus (Lsc 2ab)	Type 1 (Lsc 2ab)	Russia	1:100	no	ssRNA	poliomyelitis	man	
	Enterovirus	Polio virus	Sabin strain	France	1:100	no	ssRNA	poliomyelitis	man	
	Enterovirus	Polio virus	Type 1	Italy	1:100	no	ssRNA	poliomyelitis	man	
Poxviridae	Parapox virus	Bovine pseudocowpox virus		England	1:300	yes	dsDNA	pseudocowpox	cattle	Para- capri- and lepropox viruses are ether sensitive, but otherwise all pox viruses are stable and resistant to temperature change, particularly in dry conditions. They last months and years in dust.
	Orthopox virus	Vaccinia variola	Vaccine strain	France	1:100	yes	dsDNA	cowpox	cattle	
	Orthopox virus	Vaccinia variola		Italy	1:1000	yes	dsDNA	cowpox	cattle	
	Avipox	Avian Poxvirus		Canada	1:100	yes	dsDNA			
Reoviridae	Reovirus	Avian reovirus		England	1:200	no	dsDNA	tenosynovitis	poultry	Reo viruses persist in the environment unless it is disinfected.
	Reovirus	Avian reovirus		Canada	1:100	no	dsDNA	tenosynovitis	poultry	
	Rotavirus	Rotavirus	5A-II	Russia	1:250	no	dsRNA	rotaviral enteritis	cattle	
	Rotavirus	Rotavirus	Human strain	Russia	1:200	no	dsRNA	rotaviral enteritis	pig	
	Rotavirus	Calf rotavirus	ATCC VR 452	USA	1:100	no	dsRNA	rotaviral enteritis	cattle	
Retroviridae	Lentivirus	HIV		England	1:200	yes	ssRNA	AIDS	man	
HIV	Lentivirus	HIV		S. Africa	1:100	yes	ssRNA	AIDS	man	

	Lentivirus	HIV	Type 1	USA	1:100	yes	ssRNA	AIDS	man	
	Lentivirus	Maedi and visna virus	K184 strain	England	1:1400	yes	ssRNA	wasting / dyspnoea	sheep	
	Oncovirus	Avian leucosis virus	Strain J	England	1:200	yes	ssRNA	Myeloid leucosis	poultry	
Rhabdoviridae	Lyssavirus	Rabies virus	CBS Strain	England	1:600	yes	ssRNA	viral encephalomyelitis	dog/man	Viruses are sensitive to light, but survive well in dark places.
		Snakehead rhabdovirus	Strain 19	Scotland	1:500	yes	ssRNA		fish	
		Snakehead rhabdovirus	Ban Pako strain	Scotland	1:500	yes	ssRNA		fish	
Togaviridae	Arterivirus	PRRS virus		England	1:700	yes	ssRNA	porcine blue ear / PRRS	pig	Alpha- and flaviviruses are unstable at room temperature, but pesti viruses are stable.
	Arterivirus	PRRS Virus	NVSL Strain	USA	1:500	yes	ssRNA	Porcine Respiratory & Reproductive Syndrome	pig	
WEST NILE	Flavivirus	West Nile Virus	IBAN 4067	Nigeria	1:250	yes	ssRNA	west Nile fever	all	
	Flavivirus	Yellow fever virus	IBH 43913	Nigeria	1:250	yes	ssRNA	yellow fever	monkeys	
Togaviridae	Pestivirus	Bovine viral diarrhoea virus	ATCC VR 534	USA	1:100	yes	ssRNA	viral diarrhoea	cattle	
	Pestivirus	Equine arteritis virus	Bucyrus strain	England	1:350	yes	ssRNA	viral arteritis	horse	
	Pestivirus	Equine arteritis virus	ATCC VR-796	USA	1:100	yes	ssRNA	viral arteritis	horse	
	Pestivirus	Classical Swine Fever Virus		England	1:150	yes	ssRNA	classical swine fever	pig	
Unclassified		Infectious pancreatic necrosis		Norway	1:100	yes	dsRNA	IPN	fish	

		Pepper mild mottle virus		Holland	1:20					
	potex virus	Potato X virus		Holland	1:100	no	ssRNA	potato X disease	potato / tobacco	

Bacterial Activity :

Organism		Dilution	Strain	Country	Comments
Acinetobacter anitratusa		1:100	Clinical isolate	Yugoslavia	Surface disinfectant test
Actinobacillus (haemophilus) pleuropneumoniae		1:200		England	
Actinobacillus pleuropneumoniae		1:200		Japan	
Actinobacillus pleuropneumoniae		1:100	ATCC 43336	USA	AOAC Use-Dilution Test
Actinomyces naeslundii		1:100	1 strain	Italy	
Aeromonas hydrophila		1:200		Finland	Modified Kelsey-Sykes
Aeromonas salmonicida		1:200	Subsp achromogenes	Finland	Modified Kelsey-Sykes
Aeromonas salmonicida		1:200	Subsp salmonicida	Finland	Modified Kelsey-Sykes
Aeromonas salmonicida		1:1000	Var. achromogenes	Sweden	European Suspension Test
Aeromonas salmonicida		1:200	ATCC 14174	Norway	EN 1276

Bacillus cereus		1:100	ATCC 14579	USA	AOAC Use-Dilution Test
Bacillus cereus		1:100	ATCC 14579	USA	AOAC Use-Dilution Test
Bacillus cereus spores		1:100	Strain ATCC 9634	Belgium	Dutch 5-5-5 Protocol
Bacillus cereus spores		1:100	ATCC 9139	Finland	
Bacillus cereus spores		1:100	CIP 7803	Portugal	AFNOR NFT72-231 (1988)
Bacillus spp		1:100	3 clinical isolates	Thailand	
Bacillus subtilis		1:100		Scotland	Surface test - instruments
Bacillus subtilis		1:100		Scotland	Kelsey-Sykes in use test
Bacillus subtilis		1:100	Spores	Italy	
Bacillus subtilis		1:100	Spores - NCTC 10073	England	
Bacillus subtilis		1:100	NCTC 10073	England	Centrifuge Decontamination
Bacillus subtilis		1:100	Spores - pb 168	Italy	
Bacillus subtilis		1:200	ATCC 6633	Italy	Suspension Test (Dirty)
Bacillus subtilis		1:100	ATCC 6633	Italy	Suspension Test
Bacteroides capillosus		1:200	1 strain	Italy	
Bacteroides corrodens		1:200	1 strain	Italy	

Bacteroides fragilis		1:200	10 strains	Italy	
Bacteroides oralis		1:200	1 strain	Italy	
Bacteroides vulgatus		1:200	1 strain	Italy	
Bifidobacterium spp		1:200	2 strains	Italy	
Bordetella avium		1:100		USA	AOAC, EPA DIS/TIS 1 & 2
Bordetella bronchiseptica		1:150		England	
Bordetella bronchiseptica		1:100		USA	AOAC, EPA DIS/TIS 1 & 2
Brucella abortus		1:100	ATCC 4315	USA	AOAC Use-Dilution Test
Campylobacter coli		1:100	Strain 169	Sweden	
Campylobacter jejuni		1:100	Strain 167	Sweden	
Campylobacter jejuni		1:100	ATCC 29428	USA	AOAC Use-Dilution Test
Campylobacter pyloridis* * also known as Helicobacter pylori		1:100	GBL775	USA	AOAC protocol
Chlamydophila psittaci		1:100	VR-125 (Strain 6BC)	USA	AOAC Use Dilution Test
Citrobacter		1:200	1 strain	Italy	as freundii
Citrobacter		1:800	2 strains	Italy	MIC test

Citrobacter		1:200	2 strains	Italy	Suspension test
Citrobacter		1:800	2 strains	Italy	MIC test
Clavibacter michiganensis		1:800	subsp. michiganensis	Belgium	Suspension test
Clavibacter michiganensis		1:100	subsp. Atroseptica	Finland	
Clavibacter michiganensis		1:250	ICMB 7200	New Zealand	
Clavibacter michiganensis		1:100		Canada	
Clavibacter michiganensis		1:800		Holland	
Clostridium perfringens		1:100		Scotland	Surface test - instruments
AKA C-DIFFICILLE					
Clostridium perfringens		1:100		Scotland	Kelsey-Sykes in use test
Clostridium perfringens		1:200	2 strains	Italy	MIC test
Clostridium perfringens		1:100		USA	AOAC Use Dilution Test
Clostridium perfringens		1:100	ATCC13124	USA	AOAC Use Dilution Test
Clostridium ramosum		1:200	1 strain	Italy	
Clostridium sporogenes		1:100	Spores, strain 19404	Belgium	Dutch 5-5-5 Protocol
Dermatophilus congolensis		1:100	ATCC 14637	USA	AOAC Use Dilution Test
Enterobacter		1:200	4 strains	Italy	MIC test

Enterobacter cloacae		1:200	2 Strains	Greece	Antibiotic resistant
Enterobacter cloacae		1:100		Thailand	3 clinical isolates
Enterococcus		1:200		Thailand	3 clinical isolates
Enterococcus faecalis		1:200		Italy	MIC
Enterococcus faecalis		1:200		Italy	Suspension Test (dirty)
Enterococcus faecalis		1:200		Italy	Endoscope cleaning/disinfection
Enterococcus faecium		1:100	ATCC 10541	England	European Suspension test
Enterococcus faecium		1:100	ATCC 10541	England	European Suspension test
Enterococcus hirae		1:100	EhFH65/a	UK	Food area use method BSEN1276:1997
Enterococcus hirae		1:200	CIP 58.55	France	AFNOR T 72-171
Enterococcus hirae		1:100	CIP 58.55	France	AFNOR T 72-190
Enterococcus hirae		1:100	CIP 58.55	France	EN 1276/T72-173
Erysipelothrix rhusiopathiae		1:1000		Japan	
Erysipelothrix rhusiopathiae		1:100		USA	AOAC, EPA, DIS/TIS 1&2
Escherichia coli		1:200	3 Strains	Greece	
Escherichia coli		1:100		Greece	

Escherichia coli		1:500		Japan	
Escherichia coli		1:200		Greece	
Escherichia coli		1:200	Strain NCTC 8196	Australia	TGA Disinfectant Test
Escherichia coli		1:100	Strain NCTC 8196	Sweden	Modified Kelsey-Sykes
Escherichia coli		1:200		Thailand	2 clinical isolates
Escherichia coli		1:100		Scotland	Surface test - instruments
Escherichia coli		1:100		Scotland	Kelsey-Sykes in use test
Escherichia coli		1:200	4 strains	Italy	
Escherichia coli		1:800	8 strains	Italy	MIC test
Escherichia coli		1:100	Strain ATCC 6538	Yugoslavia	Short exposure test
Escherichia coli		1:100	Strain ATCC 10536	Yugoslavia	Surface disinfectant test
Escherichia coli		1:100	Clinical isolate	Yugoslavia	DGHM Suspension Test
Escherichia coli		1:100	Clinical isolate	Yugoslavia	DGHM Surface Test
Escherichia coli		Powder	Strain NCTC 8196	England	Blood Spillage Test
Escherichia coli		1:100	Strain NCTC 8196	Finland	Milk-soaked textile cloth
Escherichia coli		Powder	Strain NCTC 8196	England	Blood Spillage Test

Escherichia coli		1:100	Strain NCTC 8196	England	Centrifuge decontamination
Escherichia coli		1:200	Strain ATCC 11229	England	AOAC Detergent Sanitiser test
Escherichia coli		1:1000	Strain 1257	Russia	Protocol 739-68
Escherichia coli		1:50	Strain 1257	Russia	Surface Test
Escherichia coli		1:100	Strain 1257	Russia	Clinical Surfaces & instruments
Escherichia coli		1:100		Russia	Clinical Equipment
Escherichia coli		1:50		Russia	Instrument test
Escherichia coli		1:50		Russia	Environmental surfaces (30mins)
Escherichia coli		1:400	ATCC K334C2	Taiwan	Modified Kelsey-Sykes
Escherichia coli		1:100	ATCC 11229	W Germany	DGHM Protocol
Escherichia coli		1:100	ATCC 25922	Portugal	AFNOR NF 72-151 - clean
Escherichia coli		1:100	ATCC 25922	Portugal	AFNOR NF 72-171 - dirty
Escherichia coli		1:100	ATCC 25922	Italy	MIC Test
Escherichia coli		1:200	5 Strains	Italy	Suspension Tests
Escherichia coli		1:800	5 Strains	Italy	MIC Test
Escherichia coli		1:200	2 Strains	Italy	MIC Test

Escherichia coli		1:200	2 Strains	Italy	Suspension Test (dirty)
Escherichia coli		1:100	ATCC 35218	Italy	Suspension Test
Escherichia coli		1:200	CIP 54.127	France	AFNOR T 72-171
Escherichia coli		1:100	CIP 54.127	France	AFNOR T 72-190
Escherichia coli		1:100	GBL 642	USA	AOAC protocol
Escherichia coli		1:100	Strain O157	England	European Suspension Test
Escherichia coli		1:100		Canada	Contaminated wood surface
Escherichia coli		1:100	ATCC 11229	USA	AOAC Use-Dilution Test
Escherichia coli		1:100	ECFH64/a	UK	Food area use method BSEN1276:1997
Escherichia coli		1:100	CIP 54.127	France	EN 1276/T72-173
Fusobacterium nucleatum		1:800	2 strains	Italy	MIC test
Fusobacterium nucleatum		1:120	2 strains	Italy	MIC test
Haemophilus equigenitalium		1:400	CEM 1574/87	Sweden	Streptomycin resistant, clean
Haemophilus equigenitalium		1:400	CEM 769/87	Sweden	Streptomycin resistant, clean
Haemophilus equigenitalium		1:400	CEM 3336/88	Sweden	Streptomycin resistant, clean
Haemophilus equigenitalium		1:100	CEM 486/91	Sweden	Streptomycin resistant, clean

Haemophilus equigenitalium		1:100	taylorella	USA	AOAC EPA DIS/TIS 1&2
Haemophilus somnus		1:1000		USA	AOAC EPA DIS/TIS 1&2
Klebsiella aerogenes		1:100	Clinical isolate	Yugoslavia	Surface disinfection test
Klebsiella oxytoca		1:100		Scotland	Surface test - instruments
Klebsiella oxytoca		1:100		Scotland	Kelsey Sykes in-use test.
Klebsiella oxytoca		1:100	Strain ATCC 11228	Yugoslavia	Surface disinfection test
Klebsiella pneumoniae		1:200	2 Strains	Greece	
Klebsiella pneumoniae		1:200		Greece	
Klebsiella pneumoniae		1:100		Thailand	
Klebsiella pneumoniae		1:100		Scotland	Surface test - instruments
Klebsiella pneumoniae		1:100		Scotland	Kelsey Sykes in-use test.
Klebsiella pneumoniae		1:200		Italy	MIC Test
Klebsiella pneumoniae		1:200		Italy	Suspension Test (dirty)
Klebsiella pneumoniae		1:200		Italy	Endoscope cleaning
Klebsiella pneumoniae		1:200	2 Strains	Italy	Suspension Test (dirty)
Klebsiella pneumoniae		1:100	GBL 132	USA	AOAC protocol

Klebsiella pneumoniae		1:100	ATCC 4352	USA	AOAC Use-Dilution Test
Klebsiella spp		1:200	2 strains	Italy	
Klebsiella spp		1:800	4 strains	Italy	MIC Test
Klebsiella spp		1:800	4 strains	Italy	Suspension Test
Klebsiella spp		1:200	4 strains	Italy	MIC Test
Lawsonia intracellularis		1:100	2 strains	Scotland	Suspension tests
Legionella pneumophila		1:5000	NCTC 11192	England	BACS protocol / 3hrs contact
Listeria monocytogenes		1:100		Sweden	
Listeria monocytogenes		1:100	NVI Strain	Finland	
Listeria monocytogenes		1:100		USA	AOAC EPA DIS/TIS 1&2
Listeria monocytogenes		1:100	lux AD recombinant	England	Colony growth method
Listeria monocytogenes		1:1400	lux AD recombinant	England	Bioluminescence method
Listeria monocytogenes		1:100	ATCC 19117	USA	AOAC Use-Dilution Test
Listeria monocytogenes		1:100	LmFH66/a	UK	Food area use method BSEN1276:1997
Moraxella bovis		1:100		USA	AOAC EPA DIS/TIS 1&2
Morganella morganii		1:200		Thailand	3 Clinical Isolates

Mycobacterium B5		1:50		Russia	Protocol 739-68
Mycobacterium B6		1:100		Russia	Surface test
Mycobacterium smegmatis		1:100		Canada	DPD method (APHA 1989)
Mycobacterium smegmatis		1:100	ATCC 607	Portugal	AFNOR NF 72-151 - clean
Mycobacterium smegmatis		1:100	ATCC 607	Portugal	AFNOR NF 72-171 - dirty
Mycobacterium tuberculosis		1:33	Strain H37Ra (Preliminar	England	Suspension test (20 mins)
AKA TUBERCULOSIS/TB					
Mycobacterium tuberculosis		1:100	Strain H37Ra (Final)	England	Suspension test (20 mins)
Mycobacterium tuberculosis		1:100	Strain H37Ra (Preliminar	England	Bronchoscope trial (20 mins)
Mycobacterium tuberculosis		1:100	Strain H37Ra (Final)	England	Bronchoscope trial (20 mins)
Mycobacterium tuberculosis		1:33		Italy	PCR on cell-free DNA
Mycobacterium tuberculosis		1:33	10 clinical strains	Italy	BACTEC recovery
Mycoplasma gallisepticum		1:50	Strain 56	England	
Mycoplasma gallisepticum		1:100		USA	
Mycoplasma hyorhinis		1:800		England	
Mycoplasma mycoides subsp. mycoides		1:200	3 isolates from cattle respiratory disease in Portugal, Africa & the NC	England	Suspension Test

			Type Strain		
Mycoplasma mycoides subsp. Mycoides		1:200	3 isolates from cattle	England	AOAC Type Carrier Test respiratory disease Portugal, Africa & the NCTC
Neisseria gonorrhoeae		1:100		Scotland	Surface test - instruments
Neisseria gonorrhoeae		1:100		Scotland	Kelsey Sykes in-use test.
Neisseria meningitidis		1:100		Scotland	Surface test - instruments
Neisseria meningitidis		1:100		Scotland	Kelsey Sykes in-use test.
Ornithobacterium rhinotracheale		1:100		Canada	Contaminated wood surface
Pasteurella haemolytica		1:100		USA	AOAC EPA DIS/TIS 1&2
Pasteurella multocida		1:150	Strain CB169	England	5% Yeast 5 mins contact
Pasteurella multocida		1:200		Japan	
Pasteurella multocida		1:100	ATCC 12947	USA	AOAC Use-Dilution Test
Pasteurella multocida		1:100		Canada	Contaminated wood surface
Peptococcus asaccharolyticus		1:800	2 strains	Italy	
Peptococcus prevotii		1:200	2 strains	Italy	MIC Test
Peptococcus saccharolyticus		1:200	1 strain	Italy	
Peptostreptococcus anaerobius		1:100	3 strains	Italy	

Plesiomonas shigelloides		1:400	NIPM 890912	Taiwan	Modified Kelsey- Sykes
Propionibacterium acnes		1:800	5 strains	Italy	MIC Test
Propionibacterium granulosum		1:150	4 strains	Italy	MIC Test
Proteus mirabilis		1:100	ATCC 14153	England	European suspension test
Proteus mirabilis		1:200		Greece	
Proteus mirabilis		1:100		Thailand	3 Clinical Isolates
Proteus mirabilis		1:200	ATCC 14153	W Germany	DGHM Protocol
Proteus mirabilis		1:100	ATCC 14153	England	European Suspension Test
Proteus spp		1:200	3 strains	Italy	
Proteus spp		1:800	8 strains	Italy	MIC Test
Proteus spp		1:100	Clinical isolate	Yugoslavia	DGHM Suspension Test
Proteus spp		1:100	Clinical isolate	Yugoslavia	DGHM Surface Test
Proteus spp		1:800	6 strains	Italy	Suspension Tst
Proteus spp		1:400	6 strains	Italy	MIC Test
Proteus vulgaris		1:200	4 Strains	Greece	Antibiotic resistant
Proteus vulgaris		1:200	Strain NCTC 4635	Australia	TGA Disinfectant Test

Proteus vulgaris		1:100		Scotland	Surface test - instruments
Proteus vulgaris		1:100		Scotland	Kelsey Sykes in-use test.
Proteus vulgaris		Powder	Strain NCTC 4635	England	Blood spillage test
Proteus vulgaris		Powder	Strain NCTC 4635	England	Blood Spillage Test
Proteus vulgaris		1:100	Strain NCTC 4635	England	Centrifuge decontamination
Pseudomonas aeruginosa		1:100		Belgium	European Suspension Test
Pseudomonas aeruginosa		1:200		Belgium	Modified Kelsey- Sykes
Pseudomonas aeruginosa		1:50		Belgium	Practical Test
Pseudomonas aeruginosa		1:200	9 Strains	Greece	3 x Antibiotic resistant
Pseudomonas aeruginosa		1:100		Greece	
Pseudomonas aeruginosa		1:1000		Japan	
Pseudomonas aeruginosa		1:100		Greece	
Pseudomonas aeruginosa		1:200	Strain NCTC 6749	Australia	TGA Disinfectant Test
Pseudomonas aeruginosa		1:100	ATCC 15442	Finland	
Pseudomonas aeruginosa		1:100	Strain 6749	Sweden	Modified Kelsey-Sykes
Pseudomonas aeruginosa		1:100	Strain NCTC 10662	England	Modified Kelsey-Sykes

Pseudomonas aeruginosa		1:200		Thailand	2 Clinical Isolates
Pseudomonas aeruginosa		1:100		Scotland	Surface test - instruments
Pseudomonas aeruginosa		1:100		Scotland	Kelsey Sykes in-use test.
Pseudomonas aeruginosa		1:200	3 strains	Italy	
Pseudomonas aeruginosa		1:800	5 strains	Italy	MIC Test
Pseudomonas aeruginosa		1:100	Strain ATCC 15442	Yugoslavia	Short exposure test
Pseudomonas aeruginosa		1:100	Strain ATCC 15442	Yugoslavia	Surface test (plastic)
Pseudomonas aeruginosa		1:100	Strain ATCC 15442	Yugoslavia	Mod surface test (glass)
Pseudomonas aeruginosa		1:100	Strain NCTC 10490	Yugoslavia	Surface disinfectant test
Pseudomonas aeruginosa		1:100	Clinical isolate	Yugoslavia	DGHM Suspension Test
Pseudomonas aeruginosa		1:100	Clinical isolate	Yugoslavia	DGHM Surface Test
Pseudomonas aeruginosa		1:60	Strain NCIMB 10421	England	Cryostat decontamination
Pseudomonas aeruginosa		1:100	Strain NCTC 6749	England	4% blood, 2.5 min contact time
Pseudomonas aeruginosa		Powder	Strain NCTC 4635	England	Blood spillage test
Pseudomonas aeruginosa		1:100	ELI100	Finland	Milk Soaked Textile Cloth
Pseudomonas aeruginosa		1:100		Canada	DPD Method (APHA 1989)

Pseudomonas aeruginosa		Powder	Strain NCTC 6749	England	Blood Spillage Test
Pseudomonas aeruginosa		1:100	Strain NCTC 4635	England	Centrifuge decontamination
Pseudomonas aeruginosa		1:50	ATCC 15442	England	AOAC Detergent Sanitiser
Pseudomonas aeruginosa		1:100		Russia	Clinical instruments and
Pseudomonas aeruginosa		1:100		Russia	Clinical equipment
Pseudomonas aeruginosa		1:50		Russia	Instrument test
Pseudomonas aeruginosa		1:50		Russia	Environmental surfaces
Pseudomonas aeruginosa		1:50		Russia	Instrument test
Pseudomonas aeruginosa		1:150		Russia	Environmental surfaces
Pseudomonas aeruginosa		1:100	ATCC 15442	England	Draft European CEN test
Pseudomonas aeruginosa		1:100	ATCC 27853	Portugal	AFNOR NFT 72-151 - clean
Pseudomonas aeruginosa		1:100	ATCC 27853	Portugal	AFNOR NFT 72-171 - dirty
Pseudomonas aeruginosa		1:200	ATCC 27583	Italy	MIC Test
Pseudomonas aeruginosa		1:800	7 strains	Italy	Suspension test
Pseudomonas aeruginosa		1:200	7 strains	Italy	MIC test
Pseudomonas aeruginosa		1:400		Italy	Suspension test (dirty)

Pseudomonas aeruginosa		1:200		Italy	MIC test
Pseudomonas aeruginosa		1:200		Italy	Endoscope cleaning/disinfect
Pseudomonas aeruginosa		1:200	3 strains	Italy	Suspension test (dirty)
Pseudomonas aeruginosa		1:100	2 strains	Italy	MIC test
Pseudomonas aeruginosa		1:100	2 strains	Italy	Suspension test (dirty)
Pseudomonas aeruginosa		1:100	ATCC 35422	Italy	Suspension test
Pseudomonas aeruginosa		1:100	ATCC 15442	USA	AOAC Use-dilution method
Pseudomonas aeruginosa		1:100	ATCC 15442	USA	AOAC Use-dilution method
Pseudomonas aeruginosa		1:100	ATCC 15442	USA	AOAC Hard Water Test
Pseudomonas aeruginosa		1:200	CIP A22	France	AFNOR T 72-171
Pseudomonas aeruginosa		1:100	CIP A22	France	AFNOR T 72-190
Pseudomonas aeruginosa		1:100	ATCC15442	USA	AOAC protocol+F404
Pseudomonas aeruginosa		1:100	NCIMB 10421	USA	AOAC DIS/TSS-1
Pseudomonas aeruginosa		1:100	ATCC 15442	England	European Suspension test
Pseudomonas aeruginosa		1:100	CIP 103467	France	EN 1276/T72-173
Pseudomonas aeruginosa		1:100	PaFH72/a	UK	Food area use method BSEN1276:1997

Pseudomonas anguilliseptica		1:100		Sweden	European Suspension test
Pseudomonas cepacia		1:200		Thailand	3 Clinical Isolates
Pseudomonas pseudomallei		1:200		Thailand	3 Clinical Isolates
Pseudomonas solancearum		1:800		Holland	
Pseudomonas syringae		1:250	ICMP 860	New Zealand	plant pathogen
Pseudomonas syringae		1:100		Canada	plant pathogen
Pseudomonas viridiflava		1:250	ICMP 3272	New Zealand	
Renibacterium salmoninarum		1:100		Sweden	European Suspension test
Salmonella		1:500	gallinarium pullorum	Japan	Modified Kelsey-Sykes
Salmonella 4,12,b		1:100		Denmark	Mod. Kelsey-Sykes 5% yeast
Salmonella arizona		1:100		Canada	Contaminated wood surfaces
Salmonella choleraesuis		1:120		England	UK MAFF Approval
Salmonella choleraesuis		1:50	ATCC 10708	England	AOAC Detergent Sanitiser
Salmonella choleraesuis		1:100	ATCC 23564	USA	AOAC EPA DIS/TIS 1&2
Salmonella choleraesuis		1:100	ATCC 10708	USA	AOAC protocol
Salmonella choleraesuis		1:100	ATCC 23564	USA	AOAC EPA DIS/TIS 1&2

Salmonella enteritidis		1:100	Phage type 4	England	
Salmonella enteritidis		1:50		USA	AOAC EPA DIS/TIS 1&2
Salmonella enteritidis		1:100	ATCC 13076	Italy	Suspension Test
Salmonella group C		1:100		Scotland	Surface test - instruments
Salmonella group C		1:100		Scotland	Kelsey Sykes in-use test.
Salmonella heidelberg		1:15		Denmark	Mod. Kelsey-Sykes 5% yeast
Salmonella indiana		1:15		Denmark	Mod. Kelsey-Sykes 5% yeast
Salmonella llandorf		1:15		Denmark	Mod. Kelsey-Sykes 5% yeast
Salmonella montevideo		1:15		Denmark	Mod. Kelsey-Sykes 5% yeast
Salmonella paratyphi B biovar. Ja		1:100	ID-Lelystad Strain	Netherlands	EN 1656:2080
Salmonella spp.		1:200		Thailand	2 Clinical Isolates
Salmonella spp.		1:200	4 strains	Italy	
Salmonella spp.		1:800	7 strains	Italy	MIC Test
Salmonella thomasville		1:200		Denmark	Mod. Kelsey-Sykes 5% yeast
Salmonella typhi		1:100	Clinical isolate	Yugoslavia	DGHM Suspension Test
Salmonella typhi		1:100	Clinical isolate	Yugoslavia	DGHM Surface Test

Salmonella typhi		1:400	NIPM 90061	Taiwan	Modified Kelsey-Sykes
Salmonella typhimurium		1:500	Strain HT-2	Japan	
Salmonella typhimurium		1:100	ATCC13311	Finland	
Salmonella typhimurium		1:400	NIPM 900716	Taiwan	Modified Kelsey-Sykes
Salmonella typhimurium		1:200	2 strains	Italy	Suspension test (dirty)
Salmonella typhimurium		1:100	GBL 106	USA	AOAC protocol
Salmonella typhimurium		1:200	DT104	England	pr EN1656
Salmonella typhimurium		1:100	StFH68/a	UK	Food area use method BSEN1276:1997
Sarcina lutea		1:100	Strain ATCC 9341	Yugoslavia	Surface disinfectant test
Serpulina hyodysenteriae *		1:400	Isolate P152	Scotland	Challenge = pig faeces
Serpulina hyodysenteriae *		1:100		USA	AOAC EPA DIS/TIS 1&2
* The Treponemas have changed name to the Serpulinas.					
Serratia marcescens		1:200	2 Strains	Greece	Antibiotic resistant
Serratia marcescens		1:200		Thailand	3 Clinical Isolates
Serratia marcescens		1:800	2 strains	Italy	

Serratia marcescens		1:200	2 strains	Italy	
Serratia marcescens		1:100		Canada	DPD method (APHA 1989)
Serratia marcescens		1:200	6 strains	Italy	
Serratia spp		1:400	6 strains	Italy	Suspension test
Shigella flexneri		1:200	NIPM 900213	Taiwan	Modified Kelsey-Sykes
Shigella sonnei		1:100		Scotland	Surface test - instruments
Shigella sonnei		1:100		Scotland	Kelsey Sykes in-use test.
Shigella sonnei		1:100	ATCC 25931	USA	AOAC Use Dilution Test
Staphylococcus albus		1:100		Greece	
Staphylococcus aureus		1:1400	Strain 135	Greece	
MRSA					
Staphylococcus aureus		1:100		Belgium	European Suspension Test
Staphylococcus aureus		1:100		Belgium	Modified Kelsey-Sykes
Staphylococcus aureus		1:200		Belgium	Practical Test
Staphylococcus aureus		1:200	ATCC model strain	Greece	
Staphylococcus aureus		1:100		Greece	
Staphylococcus aureus		1:100	ATCC 6538	Holland	AFNOR NFT F35372-171

Staphylococcus aureus		1:1000		Japan	
Staphylococcus aureus		1:100		USA	
Staphylococcus aureus		1:100	ATCC 6538	England	European suspension test
Staphylococcus aureus		1:200		Greece	
Staphylococcus aureus		1:200	NCTC 4163	Australia	TGA Disinfectant Test
Staphylococcus aureus		1:100	Strain NCTC 3163	Sweden	Modified Kelsey-Sykes
Staphylococcus aureus		1:200		Thailand	2 Clinical Isolates
Staphylococcus aureus		1:100		Scotland	Surface test - instruments
Staphylococcus aureus		1:100		Scotland	Kelsey Sykes in-use test.
Staphylococcus aureus		1:200	6 strains	Italy	
Staphylococcus aureus		1:200	20 strains	Italy	MIC Test
Staphylococcus aureus		1:100	Strain ATCC 11229	Yugoslavia	Short exposure test
Staphylococcus aureus		1:100	Strain ATCC 11229	Yugoslavia	Surface test (plastic)
Staphylococcus aureus		1:100	Strain ATCC 11229	Yugoslavia	Mod surface test (glass)
Staphylococcus aureus		1:100	Strain P6538	Yugoslavia	Surface disinfection test
Staphylococcus aureus		1:100	Clinical isolate	Yugoslavia	DGHM Suspension Test

Staphylococcus aureus		1:50	Clinical isolate	Yugoslavia	DGHM Surface Test
Staphylococcus aureus		1:100	ELI 791	Finland	Milk Soaked Textile Cloth
Staphylococcus aureus		1:100	Strain NCTC 4163	England	Centrifuge decontamination
Staphylococcus aureus		1:100	Clinical MRSA (2 strains)	England	Centrifuge decontamination
Staphylococcus aureus		1:50	ATCC 6538	England	AOAC detergent sensitiser
Staphylococcus aureus		1:1000	Strain 906	Russia	Protocol 739-68
Staphylococcus aureus		1:50	Strain 906	Russia	Surface Test
Staphylococcus aureus		1:100		Russia	Clinical instruments & surfaces
Staphylococcus aureus		1:50		Russia	Instrument test
Staphylococcus aureus		1:50		Russia	Environmental surfaces
Staphylococcus aureus		1:100	ATCC 25923	Portugal	AFNOR NFT 72-151 - clean
Staphylococcus aureus		1:100	ATCC 25923	Portugal	AFNOR NFT+F374 72-171 - dirty
Staphylococcus aureus		1:200	ATCC 13150	Italy	MIC test
Staphylococcus aureus		1:800	12 strains	Italy	Suspension test
Staphylococcus aureus		1:200	12 strains	Italy	MIC test
Staphylococcus aureus		1:200		Italy	Suspension test (dirty)

Staphylococcus aureus		1:200		Italy	MIC test	
Staphylococcus aureus		1:200		Italy	Endoscope disinfection	
Staphylococcus aureus		1:200	2 strains	Italy	Suspension test (dirty)	
Staphylococcus aureus		1:200	2 strains	Italy	MIC test	
Staphylococcus aureus		1:100	2 strains	Italy	Suspension test (dirty)	
Staphylococcus aureus		1:100	ATCC 6538	Italy	Suspension test	
Staphylococcus aureus		1:2000	CIP 53.154	France	AFNOR T 72-171	
Staphylococcus aureus		1:100	CIP 53.154	France	AFNOR T 72-190	
Staphylococcus aureus		1:100	ATCC 6538	USA	AOAC protocol	
Staphylococcus aureus		1:100	ATCC 6538	UK	European Suspension Test	
Staphylococcus aureus		1:100		Canada	contaminated wood surface	
Staphylococcus aureus		1:100	CIP 4.83	France	EN1276/T72-173	
		197	1:100	CIP 4.83	France	AFN NFT 190
Staphylococcus aureus		1:100	SaFH73/a	UK	Food area use method BSEN1276:1997	
Staphylococcus epidermidis		1:100		Scotland	Surface test - instruments	

Staphylococcus epidermidis		1:100		Scotland	Kelsey Sykes in-use test.
Staphylococcus epidermidis		1:200	4 strains	Italy	
Staphylococcus epidermidis		1:200	5 strains	Italy	MIC test
Staphylococcus epidermidis		1:800	6 strains	Italy	Suspension test
Staphylococcus epidermidis		1:100	6 strains	Italy	MIC test
Staphylococcus epidermidis		1:100	ATCC 14990	Italy	Suspension test
Staphylococcus epidermidis		1:100	GBL 6	USA	AOAC protocol
Staphylococcus epidermidis		1:100	ATCC 12228	USA	AOAC Use-Dilution Test
Staphylococcus intermedius		1:200	Noble 4060	UK	AOAC protocol
Streptococcus B-haemolytic		1:800	2 strains	Italy	Suspension test
Streptococcus B-haemolytic		1:200	2 strains	Italy	MIC test
Streptococcus equi		1:100		Scotland	
Streptococcus equi		1:100		USA	AOAC EPA DIS/TIS 1&2
Streptococcus faecalis		1:100		Scotland	Surface test - instruments
Streptococcus faecalis		1:100		Scotland	Kelsey Sykes in-use test.
Streptococcus faecalis		1:100	Strain ATCC 8043	Yugoslavia	Surface disinfectant test

Streptococcus faecalis		1:100	NCTC 775	England	Centrifuge decontamination
Streptococcus faecalis		1:100	CIP 5855	Portugal	AFNOR NFT 72-151 - clean
Streptococcus faecalis		1:100	CIP 5855	Portugal	AFNOR NFT 72-171 - dirty
Streptococcus Group D		1:100	Clinical isolate	Yugoslavia	DGHM Suspension Test
Streptococcus Group D		1:100	Clinical isolate	Yugoslavia	DGHM Surface Test
Streptococcus pyogenes		1:100		Scotland	Surface test - instruments
Streptococcus pyogenes		1:100		Scotland	Kelsey Sykes in-use test.
Streptococcus pyogenes		1:100	GBL 7	USA	AOAC protocol
Streptococcus suis		1:150	Strain CB194	England	5% Yeast 5 mins contact
Streptococcus suis		1:1000		Japan	
Streptococcus suis		1:100	ATCC 43765	USA	AOAC Use- Dilution Test
Streptococcus zooepidemicus		1:100		Scotland	
Vibrio anguillarum		1:100	Serotype 1	Sweden	European suspension test
Vibrio cholerae		1:400	NIPM 860501 (01)	Taiwan	Modified Kelsey-Sykes
Vibrio cholerae		1:400	NIPM 860501 (Non-01)	Taiwan	Modified Kelsey-Sykes
Vibrio fluvialis		1:400	NCTC 11327	Taiwan	Modified Kelsey-Sykes

Vibrio parahaemolyticus		1:400	NIPM 871127	Taiwan	Modified Kelsey-Sykes
Xanthomonas axonopodis		1:100	ATCC 49118	USA	AOAC Use-Dilution Test
Xanthomonas campestris		1:100	Isolate 90-222	Holland	Culture Media Test
Xanthomonas campestris		1:100		Canada	Plant pathogen
Xanthomonas pelargonii		1:100		Holland	
Yersinia ruckeri		1:50		Finland	Modified Kelsey-Sykes
Yersinia ruckeri		1:100	Serotype 1	Sweden	European Suspension Test
Yersinia ruckeri		1:100	ATC 29473	Norway	
Yersinia enterocolitica		1:100	YeFH67/a	UK	Food area use method BSEN1276:1997

Sporicidal Activity:

Spore	Independent evaluation	ViralFx™ Dilution	Starting Count	Contact Time (Mins) and log reductions									
				1	5	10	15	20	30	45	60	120	180
Aspergillus niger	(Prof Dubini, University of Milan, Italy)	1%	1x10 ⁶	G	G	G	-	G	NG	-	NG	-	-
		1%	1x10 ⁵	G	G	G	-	NG	NG	-	NG	-	-
		1%	1x10 ⁴	G	G	NG	-	NG	NG	-	NG	-	-
Bacillus cereus	(Lab Simone, Belgium, 5-5-5 protocol)	1%	6.0x10 ⁵	-	Zero reco	-	-	-	-	-	-	-	-
Bacillus cereus	(Lisbon University, AFNOR protocol)	1%	1x10 ⁷	-	-	-	-	-	-	-	>5	-	-
Bacillus subtilis	(Dr Coates, Preston Public Health Laboratory Service, (UK))	1%	3.2x10 ⁷	-	-	-	-	-	-	-	3-5	>5	>5
		2%	3.2x10 ⁷	-	-	-	2-3	-	>5	>5	>5	-	-
		3%	3.2x10 ⁷	-	-	-	4-5	-	5	5	5	-	-

Bacillus subtilis	(Prof Dubini, University of Milan)	1%	1x106	G	G	G	-	G	G	-	NG	-	-
		1%	1x105	NG	NG	NG	-	NG	NG	-	NG	-	-
		1%	1x104	NG	NG	NG	-	NG	NG	-	NG	-	-
Cidium sporogenes	(Lab Simone, Belgium, 5-5-5 protocol)	1%	2.9x107	-	Zero reco	-	-	-	-	-	-	-	-

Numbers = log reductions recorded, G = Growth NG = No Growth, - = no measurement at this time point

Fungicidal Activity :

Organism	Strain	Country	ViralFx™ Dilution	Comments
Absidia corymbifera	Strain M#917	Japan	1:25	
Alternaria solani		Canada	1:100	Plant fungus
Aspergillus fumigatus	Strain M#917	Japan	1:50	
Aspergillus fumigatus	ATCC 10894	USA	1:100	AOAC, EPA, DIS/TSS 1 & 6
Aspergillus fumigatus		USA	1:100	AOAC, Use-Dilution Method
Aspergillus niger	Spores	Italy	1:100	

Botrytis cinerea		Canada	1:100	
Candida albicans	Strain IFO 1594	Japan	1:1600	
Candida albicans	Strain NCTC 3179	England	1:100	
Candida albicans		Greece	1:100	
Candida albicans		Belgium	1:100	Dutch 5-5-5 Protocol
Candida albicans		Greece	1:50	
Candida albicans		Scotland	1:100	Surface test - instruments
Candida albicans	10 strains	Italy	1:200	
Candida albicans	ATCC 10231	W Germany	1:100	DGHM Protocol
Candida albicans	ATCC 10231	W Germany	1:100	DGHM Protocol
Candida albicans	ATCC 10231	W Germany	1:100	
Candida albicans	LMFL 985	Portugal	1:100	AFNOR NF T 72-201
Candida albicans	5 Strains	Italy	1:200	Suspensions Test
Candida albicans		Italy	1:200	MIC Test
Candida albicans		Italy	1:200	Suspension Test (dirty)
Candida albicans	2 Strains	Italy	1:200	Suspension Test (dirty)

Candida albicans	Clinical Strain	Italy	1:200	MIC Test
Candida albicans	Clinical Strain	Italy	1:200	Suspension Test (dirty)
Candida albicans	ATCC 10231	Italy	1:100	Suspension Test
Candida albicans	6 Strains	Nigeria	1:200	In-use capacity test
Candida albicans	gbl 648	USA	1:100	AOAC protocol
Candida albicans	ATCC 10231	England	1:33	European Suspension Test
Candida crusei	2 strains	Italy	1:200	
Candida crusei	2 strains	Italy	1:200	Suspension Test
Candida parapsilosis	4 strains	Italy	1:200	Suspension Test
Candida tropicalis	2 strains	Italy	1:200	
Candida tropicalis	2 strains	Italy	1:200	Suspension Test
Colletotrichum coccodes		Canada	1:100	Plant fungus
Didymella bryoniae		Canada	1:100	Plant fungus
Epicoccum nigrum		New Zealand	1:100	Plant fungus
Epidermophyton floccosum	1 strain	Italy	1:200	
Erwinia amylovora	ICMP 9148	New Zealand	1:250	

Erwinia carotavora	Subsp atroseptica	Finland	1:100	
Fusarium moniliforme	ATCC 10052	USA	1:50	AOAC EPA DIS/TSS 1&6
Fusarium oxysporum		Canada	1:100	Plant fungus
Fusarium solani	Strain F889	Japan	1:400	
Fusarium solani		Canada	1:100	Plant fungus
Geotrichum candida	3 strains	Italy	1:200	Suspension test
Geotrichum cutaneum	Strain M#49-11	Japan	1:25	
Malassezia pachydermatis	NCPF 3667	England	1:100	pr EN1657
Microsporium canis	Strain S294A	Japan	1:6400	
Microsporium canis	2 strains	Italy	1:200	
Microsporium gypseum	1 strain	Italy	1:100	
Penicillium oxalicum		Canada	1:100	Plant fungus
Phomopsis sclerotoides		Canada	1:100	Plant fungus
Pithomyces chartarum		New Zealand	1:400	Plant Fungus
Pyrenochaeta lycoopersici		Canada	1:100	Plant fungus
Pythium aphanidermatum		Canada	1:100	Plant fungus

Rhizoctonia solani		Canada	1:100	Plant fungus
Saccharomyces cerevisiae	3 strains	Italy	1:100	Suspension Test
Sclerotinia sclerotiorum		Canada	1:100	Plant fungus
Thielaviopsis basicola	Isolate #294 / #295	Canada	1:500	poison agar test
Torulopsis glabrata	1 strain	Italy	1:200	Suspension test
Trichophyton gypseum		Russia	1:200	Protocol 739-68 (30 mins)
Trichophyton mentagrophytes	3 strains	Italy	1:200	
Trichophyton mentagrophytes	Strain NCPF 335	England	1:300	AOAC fungicidal protocol
Trichophyton mentagrophytes	ATCC 9533	USA	1:50	AOAC fungicidal protocol
Trichophyton rubrum	1 strain	Italy	1:200	
Trichophyton verrucosum	Strain M#912-12	Japan	1:6400	
Trichosporon cutaneum		Japan	1:50	
Verticillium dahliae		Canada	1:100	