

VIRKON INFORMATION

There is a 20% loss of activity of 1% solutions of Virkon™ after 14 days in 350 ppm hard water.

DILUTION INSTRUCTIONS

Dilution rate required (w/v)

3.0% 2.0% 1.0% 0.5% 0.2%

Quantity of Virkon™ required

Quantity of disinfectant solution required

30 g	20 g	10 g	5 g	2 g	1 Litre
150 g	100 g	50 g	25 g	10 g	5 Litres
300 g	200 g	100 g	50 g	20 g	10 Litres
750 g	500 g	250 g	125 g	50 g	25 Litres

Micoorganisms for which a dilution rate of Virkon™ >1% w/v or a contact time >10 minutes are required.

Microorganism	Effective Dilution of Virkon™	Contact Time Required (minutes)	Test Method
Aspergillus fumigatus	3%	10	AOAC Fungicidal Test
Bovine Papilloma Virus	1%	30	VLA, UK Method
<i>Dermatophilus congolensis</i>	2%	10	AOAC Use Dilution Test
Fusarium moniloforme	2%	10	AOAC*
PRRS Virus	0.5%	30	VLA, UK Method
<i>Salmonella enteritidis</i>	2%	10	AOAC Use Dilution Test
<i>Trichophyton mentagrophytes</i>	2%	10	AOAC*

Viruses for which a 1% w/v dilution rate of Virkon™ and a contact time of 10 minutes are known to be effective.

Viruses	Effective Dilution of Virkon™	Contact Time Required (minutes)	Test Method
Avian Infectious Bronchitis Virus	1%	10	AOAC*
Avian Influenza Virus	1%	10	AOAC*
Avian Laryngotracheitis Virus	1%	10	AOAC*
Bovine Adenovirus Type 4	1%	10	EPA Method
Bovine Viral Diarrhea (BVD) Pestivirus	1%	10	EPA Method
Calf Rotavirus	1%	10	EPA Method
Canine Parvovirus	1%	10	EPA Method
Duck Adenovirus	1%	10	EPA Method
Equine Arteritis Virus	1%	10	EPA Method
Equine Herpes Virus Type 1	1%	10	EPA Method
Equine Herpes Virus Type 3	1%	10	EPA Method
Equine Influenza Virus Type A	1%	10	EPA Method
Feline Calicivirus	1%	10	EPA Method
Feline Panleukopenia Virus	1%	10	EPA Method

Feline Rhinotracheitis Virus	1%	10	EPA Method
Infectious Bovine Rhinotracheitis Virus	1%	10	EPA Method
Infectious Bronchitis Virus	1%	10	AOAC*
Infectious Bursal Disease (Gumboro) Virus	1%	10	AOAC*
Infectious Canine Hepatitis Adenovirus	1%	10	EPA Method
Newcastle Disease Virus	1%	10	AOAC*
Parainfluenza Virus	1%	10	EPA Method
Parvovirus	1%	10	EPA Method
Pseudorabies Virus	1%	10	EPA Method
Simian Virus 40 (SV40)	1%	10	EPA Method
TGE-Coronavirus	1%	10	EPA Method
Turkey Herpes Virus	1%	10	EPA Method

Bacteria for which a 1% w/v dilution rate of Virkon™ and a contact time of 10 minutes are known to be effective.

Bacteria	Effective Dilution of Virkon™	Contact Time Required (minutes)	Test Method
<i>Actinobacillus pleuropneumoniae</i>	1%	10	AOAC*

<i>Bordetella avium</i> (<i>Alcaligenes faecalis</i>)	1%	10	AOAC Use Dilution Test
<i>Bordetella bronchiseptica</i>	1%	10	AOAC Use Dilution Test
<i>Brucella abortus</i>	1%	10	AOAC Use Dilution Test
<i>Helicobacter pylori</i> (<i>Campylobacter pyloridis</i>)	1%	10	AOAC Use Dilution Test
<i>Campylobacter jejuni</i>	1%	10	AOAC*
<i>Chlamydia psittaci</i>	1%	10	EPA Method
<i>Erysipelothrix rhusiopathiae</i>	1%	10	AOAC Use Dilution Test
<i>Escherichia coli</i>	1%	10	AOAC Use Dilution Test
<i>Haemophilus somnus</i>	1%	10	AOAC Use Dilution Test
<i>Klebsiella pneumoniae</i>	1%	10	AOAC Use Dilution Test
<i>Listeria monocytogenes</i>	1%	10	AOAC Use Dilution Test
<i>Moraxella bovis</i>	1%	10	AOAC Use Dilution Test
<i>Mycoplasma gallisepticum</i>	1%	10	AOAC Use Dilution Test
<i>Pasteurella haemolytica</i>	1%	10	AOAC Use Dilution Test
<i>Pasteurella multocida</i>	1%	10	AOAC Use Dilution Test
<i>Pseudomonas aeruginosa</i>	1%	10	AOAC Use Dilution Test

<i>Salmonella choleraesuis</i>	1%	10	AOAC Use Dilution Test
<i>Salmonella typhimurium</i>	1%	10	AOAC Use Dilution Test
<i>Serpulina (Treponema) hyodysenteriae</i>	1%	10	AOAC Use Dilution Test
<i>Shigella sonnei</i>	1%	10	AOAC Use Dilution Test
<i>Staphylococcus aureus</i>	1%	10	AOAC Use Dilution Test
<i>Staphylococcus epidermidis</i>	1%	10	AOAC Use Dilution Test
<i>Streptococcus equi</i>	1%	10	AOAC Use Dilution Test
<i>Streptococcus suis</i>	1%	10	AOAC Use Dilution Test
<i>Haemophilus (Taylorella) equigenitali</i>	1%	10	AOAC Use Dilution Tes