

### Efficacy Summary Virkon™ S : Viruses

| Family                           | Genera           | Organism                 | Ref. No. | Strain (where stated)  | Country     | Comments                   | Pass Dilution(s)/ Concentration(s) |
|----------------------------------|------------------|--------------------------|----------|------------------------|-------------|----------------------------|------------------------------------|
| Adenoviridae                     | Aviadenovirus    | Adenovirus               | 89       | h5                     | France      | AFNOR T 72 - 180           | 1:100                              |
|                                  | Aviadenovirus    | Adenovirus ana1          | 12       | Strain EDS 127         | England     | VLA                        | 1:100                              |
|                                  | Aviadenovirus    | Adenovirus ana2          | 71       | ATCC VR-921 (Duck)     | USA         | EPA compliant method       | 1:100                              |
|                                  | Mastadenovirus   | ICH virus                | 49       | Purdue strain          | USA         | EPA compliant method       | 1:100                              |
|                                  | Mastadenovirus   | Bovine adenovirus type 4 | 143      | ATCC VR-640            | USA         | EPA compliant method       | 1:100                              |
|                                  | Mastadenovirus   | ICH virus                | 171      | ATCC VR800             | USA         | EPA compliant method       | 1:100                              |
|                                  | Aviadenovirus    | Avian adenovirus type 2  | 268      | ATCC VR-280 ( Fontes ) | USA         | EPA compliant method       | 1:200                              |
|                                  | Aviadenovirus    | Avian adenovirus type 2  | 327      | ATCC VR-280 ( Fontes ) | USA         | EPA compliant method       | 1:200                              |
|                                  |                  |                          |          |                        |             |                            |                                    |
| African Swine Fever like viruses | Species specific | ASF virus                | 183      | ASF virus isolate LIL  | UK          | DEFRA type method          | 1:800                              |
|                                  | Species specific | ASF virus                | 336      | ASF virus strain BA71V | Spain       | EN 14675 modified (5 mins) | 1:200                              |
|                                  | Species specific | ASF virus                | 342      | ASF virus strain BA71V | Spain       | EN 14675 modified (5 mins) | 1:500                              |
|                                  | Species specific | ASF virus                | 345      | ASF virus strain BA71V | Spain       | CISA-INIA EN 14675 mod.    | 1:200                              |
|                                  | Species specific | ASF virus                | 345      | ASF virus strain BA71V | Spain       | CISA-INIA EN 14675 mod.    | 1:800                              |
|                                  | Species specific | ASF virus                | 346      | ASF virus strain BA71V | Spain       | CISA-INIA EN 14675 mod.    | 1:100                              |
|                                  | Species specific | ASF virus                | 347      | ASF virus strain BA71V | Spain       | CISA-INIA EN 14675 mod.    | 1:1000                             |
|                                  | Species specific | ASF virus                | 356      | ASF virus strain BA71V | Netherlands | Wageningen EN 14675 mod.   | 1:125                              |
|                                  | Species specific | ASF virus                | 356      | ASF virus strain BA71V | Netherlands | Wageningen EN 14675 mod.   | 1:250                              |
|                                  |                  |                          |          |                        |             |                            |                                    |
| Arenaviridae                     | Arenavirus       | Lassa fever virus        | 19       | VLA                    | England     | VLA                        | 1:200                              |
|                                  |                  |                          |          |                        |             |                            |                                    |
| Arteriviridae                    | Arterivirus      | Lelystad virus           | 81       | VLA                    | England     | UK Yeast Method            | 1:700                              |
|                                  | Arterivirus      | Equine arteritis virus   | 10       | Bucyrus strain         | England     | VLA                        | 1:350                              |
|                                  | Arterivirus      | Equine arteritis virus   | 71       | ATCC VR-796            | USA         | EPA compliant method       | 1:100                              |

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|               | Arterivirus | Porcine Respiratory & Reproductive Syndrome virus | 208      | NVSL strain             | USA      | EPA compliant method                        | 1:250                              |
|               | Arterivirus | Porcine Respiratory & Reproductive Syndrome virus | 208      | NVSL strain             | USA      | EPA compliant method                        | 1:500                              |
|               | Arterivirus | Porcine Respiratory & Reproductive Syndrome virus | 251      | NVSL strain             | USA      | EPA compliant method                        | 1:600                              |
|               | Arterivirus | Porcine Respiratory & Reproductive Syndrome virus | 260      | NVSL strain             | USA      | EPA compliant method                        | 1:600                              |
|               | Arterivirus | Porcine Respiratory & Reproductive Syndrome virus | 277      | NSVL strain             | USA      | EPA compliant method<br>5°C/1min            | 1:200                              |
|               | Arterivirus | Porcine Respiratory & Reproductive Syndrome virus | 323      | NSVL strain             | USA      | EPA compliant method                        | 1:200                              |
| Astroviridae  | Astrovirus  | PEMS associated astrovirus                        | 184      | not specified           | USA      | University of Georgia<br>own method         | 1:67                               |
| Baculoviridae | Baculovirus | White spotted red baculovirus                     | 181      | White spotted red virus | Thailand | Prince of Songkla University, own<br>method | 9ppm                               |
|               |             |   |          |                         |          |   |                                    |
| Birnaviridae  | Birnavirus  | IBD virus   | 44       | Strain DV86             | England  |   | 1:250                              |
|               |             | IBD virus   | 111      | Solvay strain           | USA      | EPA compliant method                        | 1:100                              |
|               |             | IBD virus   | 154      | not specified           | USA      | EPA compliant method                        | 1:100                              |
|               |             | IBD virus   | 177      | not specified           | Canada   | contaminated wood surface                   | 1:100                              |
|               |             | IBD virus   | 193      | K strain                | Japan    | 5% FCS                                      | 1:1000                             |
|               |             | IBD virus   | 253      | Solvay strain           | USA      | EPA compliant method                        | 1:200                              |

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|               |             | IBD virus                       | 271      | not stated                      | Thailand | Thailand Min of Agriculture & Cooperatives | 1:200                              |
|               |             | IBD virus                       | 324      | Solvay strain                   | USA      | EPA compliant method                       | 1:100                              |
|               |             | Infectious pancreatic necrosis  | 66       | not stated                      | Norway   | Clean & Dirty Conditions                   | 1:50                               |
|               |             | Infectious pancreatic necrosis  | 66       | not stated                      | Norway   | Clean & Dirty Conditions                   | 1:100                              |
|               |             | Infectious pancreatic necrosis  | 66       | not stated                      | Norway   | Clean & Dirty Conditions                   | 1:500                              |
|               |             | Infectious pancreatic necrosis  | 217      | FR31:75                         | UK       | prEN14675                                  | 1:200                              |
| Bunyaviridae  | Phlebovirus | Rift valley fever virus         | 18       | not specified                   | England  | VLA  | 1:400                              |
| Caliciviridae | Calicivirus | Feline calici virus             | 138      | ATCC VR782                      | USA      | EPA compliant method                       | 1:100                              |
| Circoviridae  | Circovirus  | Chicken anaemia virus           | 134      | Cux 1                           | England  | DEFRA method                               | 1:250                              |
|               | Circovirus  | Porcine circovirus Type 2       | 185      | ISU 31                          | USA      | Iowa State University, own method          | 1:100                              |
|               | Circovirus  | Porcine circovirus Type 2       | 200      | not specified                   | USA      | EPA compliant method                       | 1:200                              |
| Coronaviridae | Coronavirus | Infectious Bronchitis Virus     | 131      | AOAC standard                   | USA      | EPA compliant method                       | 1:100                              |
|               | Coronavirus | TGE Virus                       | 8        | Strain FS216/63                 | England  | DEFRA method                               | 1:450                              |
|               | Coronavirus | TGE Virus                       | 71       | ATCC VR-763                     | USA      | EPA compliant method                       | 1:100                              |
|               | Coronavirus | Feline infectious Peritonitis   | 172      | ATCC VR2202                     | USA      | EPA compliant method                       | 1:100                              |
|               | Coronavirus | Canine Coronavirus              | 175      | ATCC VR-809                     | USA      | EPA compliant method                       | 1:100                              |
|               | Coronavirus | Infectious bronchitis           | 248      | Solvay AH strain Beaudette IB42 | USA      | EPA compliant method                       | 1:100                              |
|               | Coronavirus | Porcine enteric diarrhoea virus | 255      | Colorado 2013 isolate           | USA      | EPA compliant method                       | 1:600                              |
|               | Coronavirus | Infectious Bronchitis Virus     | 262      | Solvay AH strain Beaudette IB42 | USA      | EPA compliant method                       | 1:200                              |
|               | Coronavirus | Porcine enteric diarrhoea virus | 269      | Colorado 2013 isolate           | USA      | EPA compliant method                       | 1:200                              |
|               | Coronavirus | Infectious bronchitis           | 248      | Solvay AH strain                | USA      | EPA compliant method                       | 1:200                              |

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| Coronaviridae  | Coronavirus           | Porcine enteric diarrhoea virus | 330           | Colorado 2013 isolate           | USA                  | EPA method           | 1:200                              |
|                |                       | Avian infectious bronchitis     | 332           | Solvay AH strain Beaudette IB42 | USA                  |                      |                                    |
|                |                       | Porcine enteric diarrhoea virus | 334           | Colorado 2013 isolate           | USA                  | EPA compliant method | 1:600                              |
| Flaviviridae   | Flavivirus            | Zika virus                      | 264           | ATCC VR-1838                    | USA                  | EPA compliant method | 1:100                              |
|                | Hepacivirus           | Hepatitis C virus               | 203           | (BVDV) (MDBK) ATCC CCL-22       | USA                  | EPA compliant method | 1;100                              |
|                | Hepacivirus           | Hepatitis C virus               | 204           | (BVDV) (MDBK) ATCC CCL-22       | USA                  | EPA compliant method | 1;100                              |
|                | Pestivirus            | Bovine viral diarrhoea virus    | 71            | ATCC VR 534                     | USA                  | EPA compliant method | 1:100                              |
|                | Pestivirus            | Bovine viral diarrhoea virus    | 193           | Nose strain                     | Japan                | 5% FCS               | 1:500                              |
|                | Pestivirus            | Bovine viral diarrhoea virus    | 193           | Nose strain                     | Japan                | 0.5% FCS             | 1:1000                             |
|                | Pestivirus            | Classical Swine Fever Virus     | 170           | Not specified                   | England              | UK yeast method      | 1:150                              |
| Hepadnaviridae | Hepadnavirus          | Hepatitis B virus               | 206           | (DHBV) Hepadna Virus testing    | USA                  | EPA compliant method | 1:100                              |
|                | Hepadnavirus          | Hepatitis B virus               | 207           | (DHBV) Hepadna Virus testing    | USA                  | EPA compliant method | 1:100                              |
| Herpesviridae  | alpha                 | Equid herpes virus 3            | 112           | Type 3 (alpha)                  | USA                  | EPA compliant method | 1:100                              |
|                | alpha                 | Equid herpes virus 1            | 123           | Type 1 (alpha)                  | USA                  | EPA compliant method | 1:100                              |
|                | alpha                 | Bovid herpesvirus 1             | 9             | Oxford strain                   | England              | DEFRA method         | 1:600                              |
|                | alpha                 | Bovid herpesvirus 1             | 71            | ATCC VR-188                     | USA                  | EPA DIS/TSS-7        | 1:100                              |
|                | alpha                 | Suid herpes virus 1             | 34            | field strain no.86/7756         | N Zealand            | Aujeszky's disease   | 1:200                              |
|                | alpha                 | Suid herpes virus 2             | 71            | ATCC VR-135                     | USA                  | EPA compliant method | 1:100                              |
|                | alpha                 | Felid herpes virus 1            | 137           | ATCC VR636                      | USA                  | EPA compliant method | 1:100                              |
|                | gamma                 | Gallid herpes virus 2           | 71            | ATCC VR-584 C (TRT)             | USA                  | EPA compliant method | 1:100                              |
|                | gamma                 | Gallid herpes virus 2           | 69            | Not specified                   | England              | DEFRA method         | 1:200                              |
| gamma          | Gallid herpes virus 1 | 155                             | not specified | USA                             | EPA compliant method | 1:100                |                                    |

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| Herpesviridae    | gamma     | Gallid herpes virus 1          | 243      | Strain LT-IVAX  | USA      | EPA compliant method | 1:200                              |
|                  | gamma     | Gallid herpes virus 2          | 265      | Marek's disease<br>Charles River Lab. strain  | USA      | EPA compliant method | 1:200                              |
|                  | gamma     | Gallid herpes virus 1          | 322      | Strain LT-IVAX  | USA      | EPA compliant method | 1:200                              |
|                  | gamma     | Gallid herpes virus 2          | 340      | Marek's disease<br>Charles River Lab. strain  | USA      | EPA compliant method | 1:200                              |
| Orthomyxoviridae | type A    | Avian influenza virus          | 11       | H7N1  | England  | DEFRA method         | 1:320                              |
|                  | type A    | Avian influenza virus*         | weblink  | * claims made vs AI virus are only valid within the scope of the DEFRA Diseases of Poultry Order and the Avian Influenza and Influenza of Avian Origin in Mammals Order | England  | UK DEFRA Approval    | 1:280                              |
|                  | type A    | Avian influenza virus          | 156      | not specified   | USA      | EPA compliant method | 1:100                              |
|                  | type A    | Avian influenza virus          | 216      | ATCC VR-544 Hong Kong strain  | USA      | EPA compliant method | 1:100                              |
|                  | type A    | Equine influenza virus         | 128      | ATCC VR-2070  | USA      | EPA DIS/TSS-7        | 1:100                              |
|                  | type A    | Avian influenza virus          | 218      | A/Goose/Guangdong/1/96 (H5N1)   | China    | H5N1 strain          | 1:800                              |
|                  | type A    | Avian influenza virus          | 218      | A/Turkey/Wisconsin/1/66 (H9N2)  | China    | H9N2 strain          | 1:1000                             |
|                  | ISA virus | Infectious salmon anemia virus | 187      | not specified   | Canada   | EPA compliant method | 1:200                              |
|                  | ISA virus | Infectious salmon anemia virus | 188      | not specified   | Canada   | laboratory own       | 1:100                              |
|                  | type A    | avian influenza virus          | 226      | H5N1  | Thailand | OIE method           | 1:500                              |
|                  | type A    | swine influenza A              | 225      | H1N1 strain ATCC VR-333   | USA      | EPA compliant method | 1:100                              |
|                  | type A    | avian influenza virus          | 254      | H7N9  | USA      | EPA compliant method | 1:600                              |
|                  | type A    | avian influenza virus          | 261      | H7N9 strain wildtype A/Anhui/1/2013<br>CDC # 2013759189   | USA      | EPA compliant method | 1:200                              |

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| Orthomyxoviridae | type A              | avian influenza virus   | 267       | H3N2 virus                          | USA                  | EPA                               | 1:25 (+ 10% FE)                    |
|                  | type A              | swine influenza A       | 273       | H1N1 strain ATCC VR-333             | USA                  | EPA                               | 1:200                              |
|                  | type A              | avian influenza virus   | 274       | H7N9 Strain Wildtype A/Anhui/1/2013 | USA                  | EPA compliant method              | 1:200                              |
|                  | type A              | avian influenza virus   | 275       | H5N1                                | Thailand             | laboratory own                    | 1:250                              |
|                  |                     | avian influenza virus   | 317       | H3N8 A/duck/Ukraine/1/63            | Germany              | EN 14476 2013 + A1:2015           | 1:500                              |
|                  | type A              | avian influenza virus   | 325       | H7N9 Strain Wildtype A/Anhui/1/2013 | USA                  | EPA compliant method (10 minutes) | 1:600                              |
|                  | type A              | avian influenza virus   | 326       | H7N9 Strain Wildtype A/Anhui/1/2013 | USA                  | EPA compliant method (1 minute)   | 1:600                              |
|                  | type A              | Influenza A virus       | 333       | H7N9 Strain Wildtype A/Anhui/1/2013 | USA                  | EPA compliant method (15 seconds) | 1:300                              |
|                  | type A              | avian influenza virus   | 353       | AIV H5N8                            | Germany              | EN 14765                          | 1:500                              |
|                  |                     |                         |           |                                     |                      |                                   |                                    |
| Papovaviridae    | Papilloma viruses   | Bovine polyoma virus    | 2         | not specified                       | England              | DEFRA method                      | 1:100                              |
|                  | Papilloma viruses   | SV40 Virus (simian)     | 110       | ATCC VR-305                         | USA                  | EPA compliant method              | 1:100                              |
|                  |                     |                         |           |                                     |                      |                                   |                                    |
| Paramyxoviridae  | Avian paramyxovirus | Avian paramyxovirus 1   | weblink   | Herts. 1933                         | England              | UK DEFRA Approval                 | 1:280                              |
|                  | Avian paramyxovirus | Avian paramyxovirus 1   | 153       | not specified                       | USA                  | EPA compliant method              | 1:100                              |
|                  | Avian paramyxovirus | Avian paramyxovirus 1   | 177       | not specified                       | Canada               | contaminated wood                 | 1:100                              |
|                  |                     | Parainfluenza virus     | 71        | ATCC VR-281                         | USA                  | EPA compliant method              | 1:100                              |
|                  | Paramyxovirus       | canine parainfluenza    | 173       | ATCC VR666                          | USA                  | EPA compliant method              | 1:100                              |
|                  | Paramyxovirus       | Newcastle Disease Virus | 193       | B1 strain                           | Japan                | 5% FCS                            | 1:500                              |
|                  | Paramyxovirus       | Newcastle Disease Virus | 218       | F48E9 strain                        | China                | laboratory own                    | 1:1500                             |
|                  | Paramyxovirus       | Newcastle Disease Virus | 219       | F48E9 strain                        | China                | laboratory own                    | 1:2000                             |
|                  |                     | Pneumovirus             | TRT virus | 15                                  | Strain CVL14/1CEF(4) | England                           | VLA                                |

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| Paramyxoviridae | Avian paramyxovirus | Newcastle Disease Virus      | 256      | ATCC VR-108                 | USA       | EPA DIS/TSS-7                 | 1:200                              |
|                 | Avian paramyxovirus | Newcastle Disease Virus      | 263      | ATCC VR-108 Strain B1       | USA       | EPA DIS/TSS-7                 | 1:200                              |
|                 | Avian paramyxovirus | Newcastle Disease Virus      | 338      | ATCC VR-108 Strain B1       | USA       | EPA DIS/TSS-7                 | 1:200                              |
|                 | Avian paramyxovirus | Newcastle Disease Virus      | 339      | ATCC VR-108 Strain B1       | USA       | EPA DIS/TSS-7                 | 1:200                              |
|                 |                     | Canine distemper virus       | 361      | ATCC VR-126, strain Lederie | USA       | EPA compliant method          | 1:200                              |
| Parvoviridae    | Parvovirus          | Canine parvovirus            | 34       | attenuated strain           | N Zealand | laboratory own                | 1:50                               |
|                 | Parvovirus          | Canine parvovirus            | 49       | Cornell strain              | USA       | EPA compliant method          | 1:100                              |
|                 | Parvovirus          | Parvovirus                   | 71       | ATCC VR-742                 | USA       | EPA compliant method          | 1:100                              |
|                 | Parvovirus          | Feline parvovirus            | 136      | ATCC VR-648                 | USA       | EPA compliant method          | 1:100                              |
|                 | Parvovirus          | Canine parvovirus            | 174      | ATCC VR-2017                | USA       | EPA compliant method          | 1:100                              |
|                 | Parvovirus          | Aleutian Disease Virus       | 178      | Utah                        | Holland   | Immune complex formation      | 1:50                               |
|                 | Parvovirus          | Mouse parvovirus             | 199      | ATCC VR-1346                | USA       | EPA compliant method          | 1:100                              |
|                 | Parvovirus          | Canine parvovirus            | 329      | ATCC VR-2017                | USA       | EPA compliant method (3 mins) | 1:75                               |
|                 | Parvovirus          | Canine parvovirus            | 335      | ATCC VR-742 strain Cornell  | USA       | EPA compliant method (1 min)  | 1:75                               |
| Picornaviridae  | Aphovirus           | Foot and mouth disease virus | weblink  | FMDV strain O1 BFS 1860/67  | England   | UK DEFRA approval             | 1:1300                             |
|                 | Enterovirus         | Swine enterovirus            | weblink  | not specified               | England   | UK DEFRA approval             | 1:100                              |
|                 | Enterovirus         | Polio virus                  | 89       | Sabin strain                | France    | AFNOR T 72 - 180              | 1:100                              |
|                 | Aphovirus           | Foot and mouth disease virus | 193      | 0/JPN/2000 strain           | Japan     | laboratory own                | 1:2000                             |
|                 | Enterovirus         | ECBO virus                   | 223      | ATCC VR-248                 | Germany   | EN14675                       | 1:100                              |
|                 | Enterovirus         | ECBO virus                   | 223      | ATCC VR-248                 | Germany   | EN14675                       | 1:50                               |
|                 | Enterovirus         | ECBO virus                   | 223      | ATCC VR-248                 | Germany   | EN14675                       | 1:33                               |
|                 | Enterovirus         | ECBO virus                   | 223      | ATCC VR-248                 | Germany   | EN14675                       | 1:25                               |

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| Picornaviridae | Enterovirus    | ECBO virus                   | 321      | ATCC VR-248                               | UK       | EN 14675:2015                              | 1:200                              |
|                | Enterovirus    | Hepatitis A virus            | 205      | (HAV) FRhK-4 cells                        | USA      | USA EPA Approval                           | 1:100                              |
|                | Enterovirus    | Seneca Valley virus          | 344      | ATCC PA-5343                              | USA      | USA EPA Approval                           | 1:105                              |
|                | Aphovirus      | Foot and mouth disease virus | 240      | O1 BFS 1860/ 67                           | UK       | IAH / DEFRA test method with 1% FBS        | 1:1800                             |
|                | Aphovirus      | Foot and mouth disease virus | 231      | O1 BFS 1860 (Type 0 British field strain) | UK       | 5% FBS                                     | 1:200                              |
|                | Enterovirus    | ECBO virus                   | 270      | ATCC VR-248                               | UK       | EN 14675:2015                              | 1:100                              |
|                | Enterovirus    | ECBO virus                   | 270      | ATCC VR-248                               | UK       | EN 14675:2015                              | 1:80                               |
|                | Enterovirus    | Foot and mouth disease virus | 276      | O1 BFS 1860/67                            | UK       | IAH/DEFRA method                           | 1:200                              |
|                | Enterovirus    | Foot and mouth disease virus | 271a     | FMD type A                                | Thailand | Thailand Min of Agriculture & Cooperatives | 1:100                              |
|                | Enterovirus    | Foot and mouth disease virus | 271b     | FMD type A                                | Thailand | Thailand Min of Agriculture & Cooperatives | 1:200                              |
|                | Enterovirus    | Swine enterovirus            | weblink  | SVDV UK G 27/72                           | England  | UK DEFRA approval                          | 1:100                              |
| Poxviridae     | Parapox virus  | Bovine pseudocowpox virus    | 3        | not specified                             | England  | VLA  | 1:300                              |
|                | Avipox         | Avian Poxvirus               | 177      | not specified                             | Canada   | Contaminated wood                          | 1:100                              |
|                | Orthopox virus | Polio virus                  | 89       | Sabin strain                              | France   | AFNOR T72 -180                             | 1:100                              |
| Reoviridae     | Reovirus       | Avian reovirus               | 20       | not specified                             | England  | laboratory own                             | 1:200                              |
|                | Reovirus       | Avian reovirus               | 177      | not specified                             | Canada   | contaminated wood surface                  | 1:100                              |
|                | Reovirus       | Avian reovirus               | 328      | ATCC VR-2449 Strain 2177                  | USA      | EPA compliant method                       | 1:100                              |
|                | Rotavirus      | Rotavirus                    | 87       | SA-II                                     | Russia   | Monkey strain                              | 1:333                              |
|                | Rotavirus      | Rotavirus                    | 87       | Human strain no. 134                      | Russia   |  | 1:250                              |
|                |                |                              |          |   |          |  | 1:1000                             |
|                | Rotavirus      | Calf rotavirus               | 71       | ATCC VR 452                               | USA      | EPA DIS/TSS-7                              | 1:100                              |

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### Efficacy Summary Virkon™ S : Viruses

| Family   | Genera          | Organism              | Ref. No. | Strain (where stated)             | Country  | Comments  | Pass Dilution(s)/ Concentration(s) |
|--|-----------------|-----------------------|----------|-----------------------------------|----------|---|------------------------------------|
|  | Orthoreovirus   | Avian reovirus        | 250      | ATCC VR-2449                      | USA      | EPA DIS/TSS-7                                       | 1:100                              |
|  | Rotavirus       | porcine rotavirus     | 259      | ATCC VR-893 Strain OSU Attenuated | USA      | EPA compliant method                                | 1:600                              |
|  | Rotavirus       | bovine rotavirus      | 266      | ATCC VR-2102                      | USA      | EPA compliant method                                | 1:100                              |
|  | Rotavirus       | porcine rotavirus     | 331      | ATCC VR-893 Strain OSU Attenuated | USA      | EPA compliant method                                | 1:600                              |
| Retroviridae   | Lentivirus      | HIV                   | 127      | Type 1                            | USA      | EPA compliant method                                | 1:100                              |
|  | Lentivirus      | Maedi and visna virus | 6        | K184 strain                       | England  | DEFRA method  | 1:1400                             |
|  | Oncovirus       | Avian leucosis virus  | 176      | Strain J                          | England  | DEFRA method  | 1:200                              |
|  |                 |                       |          |                                   |          |   |                                    |
| Rhabdoviridae  | Lyssavirus      | Rabies virus          | 16       | CBS Strain                        | England  | DEFRA method  | 1:600                              |
|  | Novirhabdovirus | Snakehead rhabdovirus | 80       | Strain 19                         | Scotland | laboratory own                                      | 1:500                              |
|  |                 |                       |          |                                   |          |   | 1:1000                             |
|  | Novirhabdovirus | Snakehead rhabdovirus | 80       | Ban Pako strain                   | Scotland | laboratory own                                      | 1:500                              |
|  | Vesiculovirus   | Vesicular stomatitis  | 354      | ATCC VR-158, strain Indiana       | USA      | EPA compliant method                                | 1:200                              |
|  |                 |                       |          |                                   |          |   | 1:1000                             |
| Roniviridae  | Okavirus        | Yellow head virus     | 181      |                                   | Thailand | Prince of Songkla University, laboratory own method | 3ppm                               |
| <p>Note: weblink where stated refers to UK DEFRA Disinfectants list of approved products</p> |                 |                       |          |                                   |          |   |                                    |

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