



Resumo de Eficácia de Vírus

Oxivir Five 16 Concentrate

EPA Reg. Nº 70627-58

Test Organisms	Test Method	Test Conditions	Results
Herpes Simplex Virus Type 2, Strain G (ATCC VR-734)	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 20°C	≥4.0 log ₁₀ reduction
Norovirus (Feline Calicivirus as surrogate) (VR-782)	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 20°C	≥5.0 log ₁₀ reduction
Poliovirus Type 1, Strain Bruhnkilde (ATCC VR-1000)	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 19°C	≥5.75 log ₁₀ reduction
Respiratory Syncytial Virus, Strain Long (ATCC VR-26)	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 19°C	≥4.0 log ₁₀ reduction
Rotavirus, Strain WA	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 19°C	≥4.75 log ₁₀ reduction
Hepatitis B Virus (HBV)	EPA Virucidal Test Method - Duck Hepatitis B Virus as surrogate	1:64 dilution, 5 min. contact time, 200 ppm hard water, 100% duck serum, 20°C	≥3.09 log ₁₀ reduction
Hepatitis C Virus (HCV)	EPA Virucidal Test Method - Bovine Viral Diarrhea Virus as surrogate	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% horse serum, 19°C	≥4.38 log ₁₀ reduction
Human Immunodeficiency Virus Type 1 (HIV-1), Strain HTLV-III B	USEPA Pesticide Assessment Guidelines, Subdivision G, 1982: Section 91-30	1:128 dilution, 1 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 21°C	≥5.0 log ₁₀ reduction
Avian Influenza A (H3N2) virus, (Avian Reassortant) Strain A/Washington/897/80 X A/Mallard/New York/6750/78 (ATCC VR-2072)	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 19°C	≥4.75 log ₁₀ reduction
Adenovirus type 8, (ATCC VR-1368, Strain Trim)	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 20°C	≥4.5 log ₁₀ reduction
Influenza A Virus (H1N1) (ATCC VR-1469, Strain A/PR/8/34)	EPA Virucidal Test Method	1:64 dilution, 5 min. contact time, 200 ppm hard water, 5% fetal bovine serum, 20°C	≥5.5 log ₁₀ reduction

Conclusão:

Nas condições desse estudo, verificou-se que o produto Oxivir Five 16 Concentrate é eficaz contra vírus de acordo com as metodologias acima citadas sob os critérios estabelecidos pela Agência de Proteção Ambiental dos EUA (EPA - Environmental Protection Agency) para o registro e rotulagem de um produto desinfetante.