

Claim: Virucide	Contact Time: Varies	Organic Soil: 5%	Water Conditions: 400 ppm as CaCO ₃
Test Method: EPA Guidelines			

Organism	Source of Virus ATCC#	Use-Dilution Concentration	Contact Time	Replicates	Reduction (Log 10) of Virus Titer
Canine distemper Type 4	ATCC VR-128 strain Lederie	847 ppm (2 oz/gal)	10 Min.	8	≥6.25, ≥6.25
Feline Leukemia virus	ATCC VR-717 strain FL-237	847 ppm	10 Min.	8	≥4.25, ≥4.25
Feline Picornavirus	ATCC VR-649 strain FRV	847 ppm	10 Min.	8	≥4.25, ≥4.25
Hepatitis B Virus (HBV)	Duck Hepatitis Virus (DHBV)	847 ppm	10 Min.	8	4.5, 4.7
Hepatitis C Virus (HCV)	Bovine Viral Diarrhea Virus (BVDV)	847 ppm	10 Min.	8	5.9, 5.9
Herpes Simplex Type 1	ATCC VR-260	847 ppm	10 Min.	8	≥5.0, ≥5.0
Herpes Simplex Type 2	ATCC VR-734	847 ppm	10 Min.	6	≥6.0, ≥6.0
Human Immunodeficiency Virus (associated with AIDS)	HTLV-III _{RF} strain HIV-1	847 ppm	10 Min.	8	≥3.5, ≥3.5
Human Immunodeficiency Virus type 2	HIV-2 strain CBL-20	847 ppm	10 Min.	8	≥3.25, ≥3.25
Infectious Bovine Rhinotracheitis	ATCC VR-188 strain LA	847 ppm	10 Min.	8	≥5.0, ≥5.0
Influenza A ₂	ATCC VR-544 strain Hong Kong	847 ppm	10 Min.	8	≥4.25, ≥4.25
Pseudorabies	ATCC VR-135 strain Aujeszky	847 ppm	10 Min.	8	≥5.25, ≥5.25
Rotavirus	ATCC VR-899 strain SA-11	847 ppm	10 Min.	8	4.5, 4.5
Vaccinia	ATCC VR-119 strain WR	847 ppm	10 Min.	8	≥5.5, ≥5.5

Conclusion: All lots of **Broad-Cide PLUS** effectively inactivated the above listed viruses as specified in the test performance standards. **Broad-Cide PLUS** meets EPA requirements for hard surface virucidal claims in hospital and medical environments.