

Test Organisms	Dried Virus Control	Sample	Result	Log Reduction
Avian Infectious Bronchitis virus Beaudette IB42	6.42 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=5.92 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=5.92 Log <sub>10</sub>
	6.5 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=6.0 Log <sub>10</sub>
Avian Influenza A (H3N2) virus (Avian Reassortant) ( ATCC VR-2072)	4.75 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
		C	<=0.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
Avian Influenza A ( H5N1) virus	6.75 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=6.25 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=6.25 Log <sub>10</sub>
Canine Coronavirus ATCC VR-809	4.5 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
	4.75 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
Canine Distemper virus	6.25 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=5.75 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=5.75 Log <sub>10</sub>
	6.75 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=6.25 Log <sub>10</sub>
Feline Picornavirus	4.5 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
	5.75 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=5.25 Log <sub>10</sub>
Hepatitis B Virus	5.06 Log <sub>10</sub>	A	<=0.27 Log <sub>10</sub>	>=4.79 Log <sub>10</sub>
	5.20 Log <sub>10</sub>	B	<=0.41 Log <sub>10</sub>	>=4.79 Log <sub>10</sub>
	5.06 Log <sub>10</sub>	Confirmatory B	<=0.27 Log <sub>10</sub>	>=4.79 Log <sub>10</sub>
Hepatitis C Virus	6.21 Log <sub>10</sub>	A	<=0.24 Log <sub>10</sub>	>=5.97 Log <sub>10</sub>
	6.21 Log <sub>10</sub>	B	<=0.42 Log <sub>10</sub>	>=5.79 Log <sub>10</sub>
	6.06 Log <sub>10</sub>	Confirmatory B	<=0.13 Log <sub>10</sub>	>=5.93 Log <sub>10</sub>
Herpes Simplex Virus Type 1	5.5 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=5.0 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=5.0 Log <sub>10</sub>
	6.0 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=5.5 Log <sub>10</sub>

Xtreme raw material Base was evaluated in the presence of 5% serum and 400 ppm hard water with 10 minute contact time and found to be effective against the above noted viruses on hard, nonporous environmental surfaces.

Herpes Simplex Virus Type 2	6.0 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=5.5 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=5.5 Log <sub>10</sub>
	5.75 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=5.25 Log <sub>10</sub>
Human Coronavirus	4.5 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
	4.5 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
Human Immunodeficiency Virus type 1 ( HIV 1)	5.75 Log <sub>10</sub>	A	<=1.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
		B	<=1.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
		C	<=1.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
Infectious Bovine Rhinotracheitis virus	4.5 Log <sub>10</sub>	A	<=0.0 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
		B	<=0.0 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
	4.75 Log <sub>10</sub>	C	<=0.0 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
Influenza A virus	6.5 Log <sub>10</sub>	A	<=0.0 Log <sub>10</sub>	>=6.0 Log <sub>10</sub>
		B	<=0.0 Log <sub>10</sub>	>=6.0 Log <sub>10</sub>
	6.0 Log <sub>10</sub>	C	<=0.0 Log <sub>10</sub>	>=5.5 Log <sub>10</sub>
Pseudorabies virus	6.25 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=5.75 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=5.75 Log <sub>10</sub>
	5.5 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=5.0 Log <sub>10</sub>
Respiratory Syncytial virus ATCC VR-26	4.5 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
	5.0 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=4.5 Log <sub>10</sub>
Transmissible Gastroenteritis virus	4.75 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=4.35 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=4.25 Log <sub>10</sub>
	6.25 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=5.75 Log <sub>10</sub>
Vaccinia virus	6.75 Log <sub>10</sub>	A	<=0.5 Log <sub>10</sub>	>=6.25 Log <sub>10</sub>
		B	<=0.5 Log <sub>10</sub>	>=6.25 Log <sub>10</sub>
	6.5 Log <sub>10</sub>	C	<=0.5 Log <sub>10</sub>	>=6.0 Log <sub>10</sub>

Xtreme raw material Base was evaluated in the presence of 5% serum and 400 ppm hard water with 10 minute contact time and found to be effective against the above noted viruses on hard, nonporous environmental surfaces.

Test Organisms	Dried Virus Control	Sample	Result	Log Reduction
Canine Parvovirus Type 2b	7.5 Log <sub>10</sub>	A	<=3.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>
		B	<=3.5 Log <sub>10</sub>	>=4.0 Log <sub>10</sub>

Xtreme raw material Base was evaluated in the presence of 5% serum and 400 ppm hard water with 10 minute contact time and found to be effective against the above noted viruses on hard, nonporous environmental surfaces.