

Test Organisms	Dried Virus Control	Sample	Result	Log Reduction
Avian Infectious Bronchitis virus Beaudette IB42	6.42 Log ₁₀	A	<=0.5 Log ₁₀	>=5.92 Log ₁₀
		B	<=0.5 Log ₁₀	>=5.92 Log ₁₀
	6.5 Log ₁₀	C	<=0.5 Log ₁₀	>=6.0 Log ₁₀
Avian Influenza A (H3N2) virus (Avian Reassortant) (ATCC VR-2072)	4.75 Log ₁₀	A	<=0.5 Log ₁₀	>=4.25 Log ₁₀
		B	<=0.5 Log ₁₀	>=4.25 Log ₁₀
		C	<=0.5 Log ₁₀	>=4.25 Log ₁₀
Avian Influenza A (H5N1) virus	6.75 Log ₁₀	A	<=0.5 Log ₁₀	>=6.25 Log ₁₀
		B	<=0.5 Log ₁₀	>=6.25 Log ₁₀
Canine Coronavirus ATCC VR-809	4.5 Log ₁₀	A	<=0.5 Log ₁₀	>=4.0 Log ₁₀
	4.75 Log ₁₀	B	<=0.5 Log ₁₀	>=4.0 Log ₁₀
		C	<=0.5 Log ₁₀	>=4.25 Log ₁₀
Canine Distemper virus	6.25 Log ₁₀	A	<=0.5 Log ₁₀	>=05.75 Log ₁₀
	6.75 Log ₁₀	B	<=0.5 Log ₁₀	>=5.75 Log ₁₀
		C	<=0.5 Log ₁₀	>=6.25 Log ₁₀
Feline Picornavirus	4.5 Log ₁₀	A	<=0.5 Log ₁₀	>=4.0 Log ₁₀
	5.75 Log ₁₀	B	<=0.5 Log ₁₀	>=4.0 Log ₁₀
		C	<=0.5 Log ₁₀	>=5.25 Log ₁₀
Hepatitis B Virus	5.06 Log ₁₀	A	<=0.27 Log ₁₀	>=4.79 Log ₁₀
	5.20 Log ₁₀	B	<=0.41Log ₁₀	>=4.79 Log ₁₀
	5.06 Log ₁₀	Confirmatory B	<=0.27 Log ₁₀	>=4.79 Log ₁₀
Hepatitis C Virus	6.21 Log ₁₀	A	<=0.24 Log ₁₀	>=5.97 Log ₁₀
	6.21 Log ₁₀	B	<=0.42 Log ₁₀	>=5.79 Log ₁₀
	6.06 Log ₁₀	Confirmatory B	<=0.13 Log ₁₀	>=5.93 Log ₁₀
Herpes Simplex Virus Type 1	5.5 Log ₁₀	A	<=0.5 Log ₁₀	>=5.0 Log ₁₀
		B	<=0.5 Log ₁₀	>=5.0 Log ₁₀
	6.0 Log ₁₀	C	<=0.5 Log ₁₀	>=5.5 Log ₁₀
	6.0 Log ₁₀	A	<=0.5 Log ₁₀	>=5.5 Log ₁₀

Purgo 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.

Testing is performed per EPA Guidance DIS/TSS-7
3 lots and 4-Log reduction for Canada

Herpes Simplex Virus Type 2		B	$\leq 0.5 \text{ Log}_{10}$	$\geq 5.5 \text{ Log}_{10}$
	5.75 Log_{10}	C	$\leq 0.5 \text{ Log}_{10}$	$\geq 5.25 \text{ Log}_{10}$
Human Coronavirus	4.5 Log_{10}	A	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.0 \text{ Log}_{10}$
	4.5 Log_{10}	B	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.0 \text{ Log}_{10}$
Human Immunodeficiency Virus type 1 (HIV 1)	5.75 Log_{10}	C	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.0 \text{ Log}_{10}$
		A	$\leq 1.5 \text{ Log}_{10}$	$\geq 4.25 \text{ Log}_{10}$
		B	$\leq 1.5 \text{ Log}_{10}$	$\geq 4.25 \text{ Log}_{10}$
Infectious Bovine Rhinotracheitis virus	4.5 Log_{10}	C	$\leq 1.5 \text{ Log}_{10}$	$\geq 4.25 \text{ Log}_{10}$
	4.75 Log_{10}	A	$\leq 0.0 \text{ Log}_{10}$	$\geq 4.0 \text{ Log}_{10}$
		B	$\leq 0.0 \text{ Log}_{10}$	$\geq 4.0 \text{ Log}_{10}$
Influenza A virus	6.5 Log_{10}	C	$\leq 0.0 \text{ Log}_{10}$	$\geq 4.25 \text{ Log}_{10}$
	6.0 Log_{10}	A	$\leq 0.0 \text{ Log}_{10}$	$\geq 6.0 \text{ Log}_{10}$
		B	$\leq 0.0 \text{ Log}_{10}$	$\geq 6.0 \text{ Log}_{10}$
Pseudorabies virus	6.25 Log_{10}	C	$\leq 0.0 \text{ Log}_{10}$	$\geq 5.5 \text{ Log}_{10}$
	5.5 Log_{10}	A	$\leq 0.5 \text{ Log}_{10}$	$\geq 5.75 \text{ Log}_{10}$
		B	$\leq 0.5 \text{ Log}_{10}$	$\geq 5.75 \text{ Log}_{10}$
Respiratory Syncytial virus ATCC VR-26	4.5 Log_{10}	C	$\leq 0.5 \text{ Log}_{10}$	$\geq 5.0 \text{ Log}_{10}$
	5.0 Log_{10}	A	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.0 \text{ Log}_{10}$
		B	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.0 \text{ Log}_{10}$
Transmissible Gastroenteritis virus	4.75 Log_{10}	C	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.5 \text{ Log}_{10}$
	6.25 Log_{10}	A	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.35 \text{ Log}_{10}$
		B	$\leq 0.5 \text{ Log}_{10}$	$\geq 4.25 \text{ Log}_{10}$
Vaccinia virus	6.75 Log_{10}	C	$\leq 0.5 \text{ Log}_{10}$	$\geq 5.75 \text{ Log}_{10}$
	6.5 Log_{10}	A	$\leq 0.5 \text{ Log}_{10}$	$\geq 6.25 \text{ Log}_{10}$
		B	$\leq 0.5 \text{ Log}_{10}$	$\geq 6.25 \text{ Log}_{10}$

Purgo 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.

Testing is performed per EPA Guidance DIS/TSS-7
3 lots and 4-Log reduction for Canada

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

Purgo 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.