

CERTIFICATE OF ANALYSIS

CERTIFICATE NO.

IMSL LRN 1040465.2

CUSTOMER

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METHOD BASED ON THE METHOD DESCRIBED IN OECD Guidance Document ENV/JM/MONO(2018)20

An inoculum (0.02 ml) was in contact with the test surfaces for 2 hours at 20°C at 50% relative humidity.
Bacteriophage have been employed as surrogates for mammalian viruses.
The data is expressed as plaque forming units (PFU).

METHOD: Determination of Antiviral Activity using a Simulated Splash Test

DATE ANALYSED

28-Sep-20

DATE REPORTED

14-Oct-20

INOCULUM CONCENTRATION

phi6 (enveloped virus)

(5.5E+07 PFU ml⁻¹)**RESULTS (as PFU per Sample)**

SAMPLE	ORGANISM	CONTACT TIME		REDUCTION	
		0 hours	2 hours	Log	%
IMSL Polystyrene Reference	phi6	1.1E+06	2.3E+05	-	-
Untreated Film	phi6	1.1E+06 ^(U0)	2.0E+05 ^(Ut)		-
Prevosan	phi6	1.1E+06	1.2E+03 ^(At)	2.2 ^(R)	99.40

The above data shows the number of virions on the samples listed following contact for 0 and 2 hours at 20°C under a RH of 50%. Also shown are any difference in the size of the population on Prevosan after 2 hours relative the population on the untreated foil. Antiviral activity R is calculated as $R = \log_{10}(U_t) - \log_{10}(A_t)$

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