

**CERTIFICATE OF ANALYSIS**

**CERTIFICATE NO.**

IMSL2020/10/043.1C.1

**CUSTOMER**

**CUSTOMER REF.**

AkzoNobel Paints (Singapore) Pte Ltd  
 AkzoNobel House  
 3 Changi Business Park Vista  
 Singapore 486051

**TEST MATERIALS**

**DATE RECEIVED** 11-Nov-20

Paint Films

**METHOD: (Determination of Antiviral Activity using MOD ISO 21702:2019)**

**DATE ANALYSED**

07-Dec-20

**DATE REPORTED**

22-Dec-20

**RESULTS (Average of 3 replicates ± Standard Error of the Mean as TCID<sub>50</sub> cm<sup>-2</sup>)**

Sample	Species	Time Point (Hours)			% Redution from Initial	
		0	0.5	2	0.5	2
Dulux SuperClean (India)	Human Coronavirus (NL63)	1.86E+04	1.29E+02	9.67E+01	99.31	99.48

The data were transformed to TCID cm<sup>-2</sup>. The reduction was calculated as a % reduction from the initial population. This is a modification from the standard.

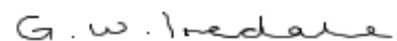
Where the initial population is the average of the common logarithm of the number of infectious units recovered from an untreated test specimen prior to incubation which is then used to calculate a reduction in the average of the common logarithm of the number of infectious units recovered from the treated test specimens at the end of the incubation time.

None of the test materials displayed cytotoxicity towards the cells used to host the virus in this experiment and they did not interfere with the infectivity of them.

Antiviral Analysis was Performed by a Third Party Laboratory

INDUSTRIAL MICROBIOLOGICAL SERVICE LTD  
 PALE LANE  
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GILLIAN IREDALE  
 SENIOR SCIENTIST



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Sample	Species	Time Point (Hours)			% Redution from Initial	
		0	0.5	2	0.5	2
Dulux SuperClean 3 in 1 (India)	Human Coronavirus (NL63)	1.86E+04	9.07E+01	4.50E+00	99.51	99.98

The data were transformed to TCID cm<sup>-2</sup>. The reduction was calculated as a % reduction from the initial population. This is a modification from the standard.

Where the initial population is the average of the common logarithm of the number of infectious units recovered from an untreated test specimen prior to incubation which is then used to calculate a reduction in the average of the common logarithm of the number of infectious units recovered from the treated test specimens at the end of the incubation time.

None of the test materials displayed cytotoxicity towards the cells used to host the virus in this experiment and they did not interfere with the infectivity of them.

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