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Kowloon Bay,  
HK

Client Account Number: A00909003XF7  
Eurofins Quote Number: XC8UPH20020701

**Eurofins Sample Number NJ20AB1870-1**

<b>Original Received Date:</b>	01-Sep-2020
<b>Description:</b>	Ensure Guard, 50mL
<b>Lot Number:</b>	EG-AUS/SYD/AUG28-01 & EG-AUS/SYD/AUG28-02
<b>Containers Submitted:</b>	2 Bottle(s)

**Analysis****Virucidal Test by Carrier Method**

Refer to Attachment # 1

Method: TMCV 006, ASTM E1053

Analysis Date: 14-Oct-2020

**Supplemental Information**

Samples were tested as received. Specifications (if) reported are as provided by the client.

**Contracted Company: Eurofins ams Laboratories Sydney**

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amslabs@eurofins.com

TGA Licence No: MI-15112007-LI-002191-11 APVMA Licence No: 6139

Questions about this report should be directed to your project manager or the general email listed above.

CONDITIONS	
Virus Strain	Murine hepatitis virus (MHV1) ATCC/VR-261
Cell Substrate	A9 cells ATCC/CCL- 1.4
Test Concentration	Neat
Contact Time	10 minutes
Test Temperature	Room temperature
Test Condition	Clean
Neutraliser	2% FBS in MM

RESULTS: TABLE 1: MHV1 test/control results for 10 minutes contact

Virus Dilution	Number of Inoculated Wells	Virus Control	Cytotoxicity	Neutralisation	Test Sample
10 <sup>-1</sup>	4	4 <sup>+</sup> /4	C	C	C
10 <sup>-2</sup>	4	4 <sup>+</sup> /4	C	C	C
10 <sup>-3</sup>	4	4 <sup>+</sup> /4	0 <sup>+</sup> /4	4 <sup>+</sup> /4	3 <sup>+</sup> /4
10 <sup>-4</sup>	4	4 <sup>+</sup> /4	N/A	N/A	1 <sup>+</sup> /4
10 <sup>-5</sup>	4	4 <sup>+</sup> /4	N/A	N/A	0 <sup>+</sup> /4
10 <sup>-6</sup>	4	3 <sup>+</sup> /4	N/A	N/A	0 <sup>+</sup> /4
10 <sup>-7</sup>	4	2 <sup>+</sup> /4	N/A	N/A	N/A
10 <sup>-8</sup>	4	0 <sup>+</sup> /4	N/A	N/A	N/A
Log10	-	<b>6.77</b>	<b>2.5</b>	<b>2.5</b>	<b>3.5</b>
Log10 Reduction of Virus after Treatment				<b>3.27</b>	

Note: Presence of virus in each response is recorded as “+”  
Absence of virus in each response is recorded as “0”  
Cytotoxic response is recorded as “C”  
Calculated virus titre = 10<sup>6.77</sup> TCID<sub>50</sub>/0.1ml (6.77 log<sub>10</sub>)  
Cell control - 4 wells with healthy cell monolayer

\* The Reed & Muench LD50 Method was used for determining the virus titre endpoint.

#### CONCLUSIONS:

Considering the cytotoxicity and neutralisation test results, the sample has shown virucidal efficacy against MHV1 by achieving 3.27 log reduction in virus concentration after 10 minutes exposure period at room temperature.