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 AU

Client Account Number: A00838702CGR
 Eurofins Quote Number: UF8DPH20008501

Eurofins Sample Number NJ20AA4679-6	
Original Received Date:	14-Apr-2020
Description:	Ablesan RTU 500mL; Expiry Date: Apr/2021
Lot Number:	135323RTU
Containers Submitted:	2 Bottle(s)

Analysis	Result
006 Testing of virucidal activity of disinfectants by surface carrier technique	See Attached Report for Result
Refer to Attachment # 1	----
Method: TMCV 006, ASTM 1053	
Analysis Date: 21-Apr-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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TGA Licence No: MI-15112007-LI-002191-11 APVMA Licence No: 6139
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EXAMINATION:	Virucidal activity of ABLESAN RTU (Batch 135323RTU) by Carrier Test method
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CONDITIONS	
Virus Strain	Murine hepatitis virus (MHV) -1 ATCC/VR-261
Cell Substrate	A9 cells ATCC/CCL- 1.4
Test Concentration	Neat
Contact Time	1 minute
Test Temperature	Room temperature
Test Condition	Dirty 5% FBS (Fetal Bovine Serum)
Neutraliser	1% Catalase and 2% FBS in MM

RESULTS: TABLE 1: MHV-1 virus test/control results for 1 minute contact

Virus Dilution	Number of Inoculated Wells	Virus Control	Cytotoxicity	Neutralisation	Test Sample
10 ⁻¹	4	4 ⁺ /4	0 ⁺ /4	4 ⁺ /4	4 ⁺ /4
10 ⁻²	4	4 ⁺ /4	0 ⁺ /4	4 ⁺ /4	2 ⁺ /4
10 ⁻³	4	4 ⁺ /4	0 ⁺ /4	4 ⁺ /4	0 ⁺ /4
10 ⁻⁴	4	4 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁵	4	3 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁶	4	3 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁷	4	0 ⁺ /4	N/A	N/A	N/A
10 ⁻⁸	4	0 ⁺ /4	N/A	N/A	N/A
Log ₁₀	-	6.17	<1.0	<1.0	2.00
Log ₁₀ Reduction of Virus after Treatment				4.17	

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^{6.17} TCID_{50/0.1ml} (6.17 log₁₀)
 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 “ABLESAN RTU (Batch 135323RTU)” has shown virucidal efficacy against MHV-1 by achieving 4.17 log reduction in virus concentration after 1 minute exposure period at room temperature.