

Bocko Pty Ltd & Flexsky Pty Ltd t_a Pharmachem
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Eagle Farm DC, QLD 4009
AU

Client Account Number: A00836604XP5
Eurofins Quote Number: XC8UPH20010104

Eurofins Sample Number NJ20AB2396-4

Original Received Date:	23-Sep-2020
Description:	5L Clinikill Platinum
Lot Number:	1432
Containers Submitted:	1 Bottle(s)

Analysis

Virucidal Test by Carrier Method

Refer to Attachment # 1

Method: TMCV 006, ASTM E1053

Analysis Date: 13-Oct-2020

Supplemental Information

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

Contracted Company: Eurofins ams Laboratories Sydney

8, Rachael Close, Silverwater, NSW 2128 Australia
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	Herpes Simplex Type 1 ATCC/VR-733
Cell Substrate	Vero cells ATCC/CCL- 81
Test Concentration	1:50 in hard water
Contact Time	30 minutes
Test Temperature	Room temperature
Test Condition	Dirty 5% FBS (Fetal Bovine Serum)
Neutraliser	3 cc Sephadex Gel in PBS (Phosphate Buffer Saline)

RESULTS: TABLE 1: Herpes Simplex Type 1 test/control results for 30 minutes contact

Virus Dilution	Number of Inoculated Wells	Virus Control	Cytotoxicity	Neutralisation	Test Sample
10 ⁻¹	4	4 ⁺ /4	C	C	C
10 ⁻²	4	4 ⁺ /4	0 ⁺ /4	4 ⁺ /4	0 ⁺ /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	4 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁶	4	3 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁷	4	3 ⁺ /4	N/A	N/A	N/A
10 ⁻⁸	4	0 ⁺ /4	N/A	N/A	N/A
Log ₁₀	-	7.17	1.5	1.5	1.5
Log ₁₀ Reduction of Virus after Treatment				5.67	

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^{7.17} TCID_{50/0.1ml} (7.17 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 has shown virucidal efficacy against Herpes Simplex Type 1 by achieving 5.67 log reduction in virus concentration after 30 minutes exposure period at room temperature.