

Bocko Pty Ltd & Flexsky Pty Ltd t_a Pharmachem
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AU

Client Account Number: A00836604XP5
Eurofins Quote Number: XC8UPH20010104

Eurofins Sample Number NJ20AB2396-5

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: 05-Nov-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	Canine parvovirus (CPV) ATCC/VR-2017
Cell Substrate	A72 cells ATCC/CRL-1542
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: CPV 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	4 ⁺ /4
10 ⁻³	4	4 ⁺ /4	0 ⁺ /4	4 ⁺ /4	3 ⁺ /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	4 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁷	4	4 ⁺ /4	N/A	N/A	N/A
10 ⁻⁸	4	2 ⁺ /4	N/A	N/A	N/A
Log ₁₀	-	7.5	1.5	1.5	3.33
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^{7.50}TCID_{50/0.1ml} (7.50 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 CPV by achieving 4.17 log reduction in virus concentration after 30 minutes exposure period at room temperature.