



Product : Feline Transdermal 300 mg

Batch : FT14D2001

Certificate of Analysis

Product : **Feline Transdermal containing CBD isolate**

Target 300 mg of CBD per oz (2.00% w/w)

Batch : **FT14D2001**

Timeframe : **Initial batch release**

Test	Analyte	Acceptance Criteria	Results	Pass	Fail
Cannabinoids	CBD	1.80-2.40% w/w	1.93% (96% of target)	✓	
	THC	Not detected	Not detected	✓	
	THC-A	Not detected	Not detected	✓	
Microbiology	Total Aerobic Count	Not detected	Not detected	✓	
	Total Coliforms	Not detected	Not detected	✓	
	Total Yeast & Mold	Not detected	Not detected	✓	
	E. Coli	Absent	Absent	✓	
	STEC & 0157 E. Coli	Not detected	Not detected	✓	
	Salmonella	Not detected	Not detected	✓	
Pesticides	Targeted list	Not detected		Not tested*	
Heavy metals	Arsenic As	<0.4 ppm		Not tested*	
	Cadmium Cd	<0.4 ppm		Not tested*	
	Lead Pb	<1 ppm		Not tested*	
	Mercury Hg	<0.2 ppm		Not tested*	
Residual solvents	Benzene	<2 ppm		Not tested*	
	Heptane	<500 ppm		Not tested*	
	Hexane	<10 ppm		Not tested*	
	Ethanol	<5000 ppm		Not tested*	
	Toluene	<20 ppm		Not tested*	
	Total Xylenes	<100 ppm		Not tested*	

**Product not tested for these analytes, but major component(s) in formulation demonstrated to be free of contamination*

Batch is acceptable and released

Batch is not acceptable and will not be released

Prepared by : Hannah Ross

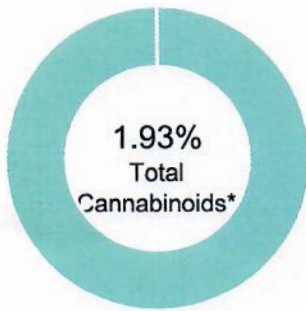
Date : 02 AUG 2021

Approved by : Jay B

Date : 8/2/2021

Feline transdermal 15ml

Batch ID:	FT14D2001	Test ID:	9418379.0014
Reported:	15-May-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


CBD 1.93%

CBDa 0.00%

delta 9 THC 0.00%

THCa 0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.02	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	ND	ND
Cannabidiolic acid (CBDA)	0.03	ND	ND
Cannabidiol (CBD)	0.01	1.93	19.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.02	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.02	ND	ND
Cannabigerol (CBG)	0.01	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.02	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	ND	ND
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.02	ND	ND
Total Cannabinoids		1.93	19.30
Total Potential THC**		ND	ND
Total Potential CBD**		1.93	19.30

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

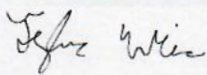
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877))$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL


 Tyler Wiese
 15-May-2020
 4:38 PM



 Greg Zimpfer
 15-May-2020
 5:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

Feline transdermal 15ml

Batch ID:	FT14D2001	Test ID:	T000075593
Reported:	21-May-2020	Method:	Topical - Test Methods: TM05, TM06
Type:	Topical		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
<i>E. coli</i>	None Detected
<i>Salmonella</i>	None Detected

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:



Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL


Nick Tumminaro
21-May-2020
5:10 PM
Ben Minton
21-May-2020
7:29 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.03



Certificate #4329.03