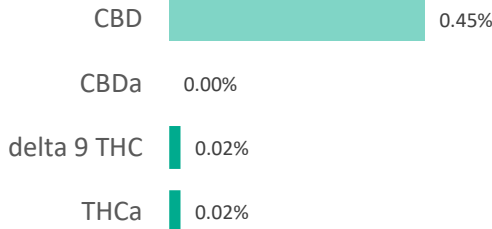
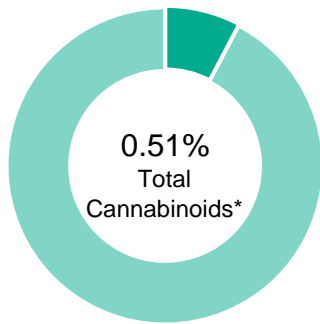


**Balm 200mg**

<b>Batch ID:</b>	90819	<b>Test ID:</b>	2731962.0053
<b>Reported:</b>	23-Aug-2019	<b>Method:</b>	TM14
<b>Type:</b>	Concentrate		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.02	0.02	0.2
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.02	0.2
Cannabidiolic acid (CBDA)	0.02	0.00	0.0
Cannabidiol (CBD)	0.01	0.45	4.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	0.00	0.0
Cannabinolic Acid (CBNA)	0.02	0.00	0.0
Cannabinol (CBN)	0.01	0.00	0.0
Cannabigerolic acid (CBGA)	0.01	0.00	0.0
Cannabigerol (CBG)	0.01	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.01	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.01	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.02	0.00	0.0
Cannabidivarin (CBDV)	0.01	0.00	0.0
Cannabichromenic Acid (CBCA)	0.01	0.00	0.0
Cannabichromene (CBC)	0.02	0.02	0.2
<b>Total Cannabinoids</b>		<b>0.51</b>	<b>5.10</b>
Total Potential THC**		0.04	0.38
Total Potential CBD**		0.45	4.50

**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.

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

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


 Daniel Weidensaul  
 23-Aug-2019  
 11:22 AM

PREPARED BY / DATE



 David Green  
 23-Aug-2019  
 11:35 AM

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

**Balm 200mg**

<b>Batch ID:</b>	90819	<b>Test ID:</b>	9350950.024
<b>Reported:</b>	21-CE * -2019	<b>Method:</b>	Topical - Test Methods: TM05, TM06
<b>Type:</b>	Topical		
<b>Test:</b>	Microbial Contaminants		

**MICROBIAL CONTAMINANTS**

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

Robert Belfon  
21-CE \* -2019A  
2:49 PM



Mike Branvold  
21-CE \* -2019A  
5:15 PM

PREPARED BY / DATE

APPROVED BY / DATE

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**Balm 200mg**

<b>Batch ID:</b>	90819	<b>Test ID:</b>	9782026.011
<b>Reported:</b>	23-Aug-2019	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		



**RESIDUAL SOLVENTS**

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	207
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

**NOTES:**

Free from visual mold, mildew, and foreign matter.

**FINAL APPROVAL**

 Sam Smith 23-Aug-2019 2:04 PM	 Greg Zimpfer 23-Aug-2019 4:03 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

**200mg Balm**

<b>Batch ID:</b>	90819	<b>Test ID:</b>	8668424.0061
<b>Reported:</b>	26-Aug-2019	<b>Method:</b>	TM17
<b>Type:</b>	Concentrate		
<b>Test:</b>	Pesticides		


**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	50 - 2312	ND*	Malathion	50 - 2312	ND*
Acetamiprid	50 - 2312	ND*	Metalaxyl	300 - 2312	ND*
Avermectin	300 - 2312	ND*	Methiocarb	50 - 2312	ND*
Azoxystrobin	50 - 2312	ND*	Methomyl	50 - 2312	ND*
Bifenazate	50 - 2312	ND*	MGK 264 1	50 - 2312	ND*
Boscalid	300 - 2312	ND*	MGK 264 2	300 - 2312	ND*
Carbaryl	50 - 2312	ND*	Myclobutanil	300 - 2312	ND*
Carbofuran	50 - 2312	ND*	Naled	300 - 2312	ND*
Chlorantraniliprole	50 - 2312	ND*	Oxamyl	50 - 2312	ND*
Chlorpyrifos	300 - 2312	ND*	Paclobutrazol	50 - 2312	ND*
Clofentezine	50 - 2312	ND*	Permethrin	300 - 2312	ND*
Diazinon	50 - 2312	ND*	Phosmet	50 - 2312	ND*
Dichlorvos	300 - 2312	ND*	Prophos	300 - 2312	ND*
Dimethoate	50 - 2312	ND*	Propoxur	300 - 2312	ND*
E-Fenpyroximate	300 - 2312	ND*	Pyridaben	300 - 2312	ND*
Etofenprox	300 - 2312	ND*	Spinosad A	50 - 2312	ND*
Etoxazole	300 - 2312	ND*	Spinosad D	300 - 2312	ND*
Fenoxycarb	50 - 2312	ND*	Spiromesifen	50 - 2312	ND*
Fipronil	300 - 2312	ND*	Spirotetramat	300 - 2312	ND*
Flonicamid	50 - 2312	ND*	Spiroxamine 1	50 - 2312	ND*
Fludioxonil	300 - 2312	ND*	Spiroxamine 2	50 - 2312	ND*
Hexythiazox	300 - 2312	ND*	Tebuconazole	50 - 2312	ND*
Imazalil	300 - 2312	ND*	Thiacloprid	50 - 2312	ND*
Imidacloprid	50 - 2312	ND*	Thiamethoxam	50 - 2312	ND*
Kresoxim-methyl	50 - 2312	ND*	Trifloxystrobin	300 - 2312	ND*


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

N/A

**FINAL APPROVAL**

  
 Sam Smith  
 26-Aug-2019  
 10:12 AM

PREPARED BY / DATE

  
 David Green  
 26-Aug-2019  
 10:43 AM

APPROVED BY / DATE

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