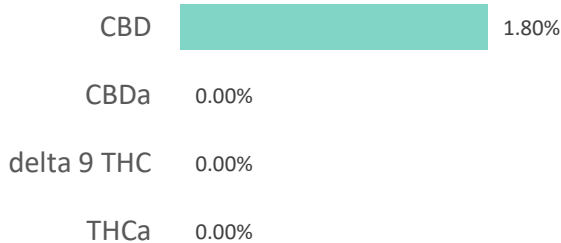
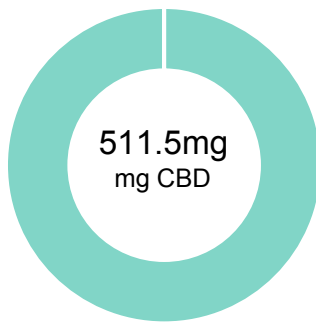


Tincture "Pure" 500mg/30ml CBD 0.0% THC

Batch ID:	GRMC-004-DS-4	Test ID:	5316084.009
Reported:	30-Mar-2020	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	2.25	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	1.13	ND	ND
Cannabidiolic acid (CBDA)	1.00	ND	ND
Cannabidiol (CBD)	0.56	511.50	18.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	1.23	ND	ND
Cannabinolic Acid (CBNA)	3.09	ND	ND
Cannabinol (CBN)	1.37	ND	ND
Cannabigerolic acid (CBGA)	1.97	ND	ND
Cannabigerol (CBG)	1.11	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	1.94	ND	ND
Tetrahydrocannabivarin (THCV)	1.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.92	ND	ND
Cannabidivarin (CBDV)	0.51	4.30	0.2
Cannabichromenic Acid (CBCA)	1.69	ND	ND
Cannabichromene (CBC)	2.04	ND	ND
Total Cannabinoids		515.80	18.19
Total Potential THC**		ND	ND
Total Potential CBD**		511.50	18.04

% = % (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.
 Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
 # of Servings = 1, Sample Weight=28.35g
 N/A

FINAL APPROVAL

Tyler Wiese
 Tyler Wiese
 30-Mar-2020
 7:03 PM

Greg Zimpfer
 Greg Zimpfer
 30-Mar-2020
 7:33 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



Tincture "Pure" 500mg/30ml CBD 0.0% THC


Batch ID:	GRMC-004-DS-4	Test ID:	T000068980
Reported:	3-Apr-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.088 - 8.80	ND
Cadmium	0.085 - 8.55	ND
Mercury	0.151 - 15.10	ND
Lead	0.235 - 23.50	ND


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

FINAL APPROVAL



Chris Jungling
3-Apr-2020
9:09 AM

PREPARED BY / DATE



Greg Zimpfer
3-Apr-2020
10:12 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.

Tincture "Pure" 500mg/30ml CBD 0.0% THC

Batch ID:	GRMC-004-DS-4	Test ID:	5427595.002
Reported:	1-Apr-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	57 - 2654	ND*	Malathion	344 - 2654	ND*
Acetamiprid	57 - 2654	ND*	Metalaxyl	57 - 2654	ND*
Abamectin	>344	ND*	Methiocarb	57 - 2654	ND*
Azoxystrobin	57 - 2654	ND*	Methomyl	57 - 2654	ND*
Bifenazate	57 - 2654	ND*	MGK 264 1	344 - 2654	ND*
Boscalid	57 - 2654	ND*	MGK 264 2	344 - 2654	ND*
Carbaryl	57 - 2654	ND*	Myclobutanil	57 - 2654	ND*
Carbofuran	57 - 2654	ND*	Naled	57 - 2654	ND*
Chlorantraniliprole	57 - 2654	ND*	Oxamyl	57 - 2654	ND*
Chlorpyrifos	57 - 2654	ND*	Paclobutrazol	57 - 2654	ND*
Clofentezine	344 - 2654	ND*	Permethrin	344 - 2654	ND*
Diazinon	344 - 2654	ND*	Phosmet	57 - 2654	ND*
Dichlorvos	>344	ND*	Prophos	344 - 2654	ND*
Dimethoate	57 - 2654	ND*	Propoxur	57 - 2654	ND*
E-Fenpyroximate	57 - 2654	ND*	Pyridaben	57 - 2654	ND*
Etofenprox	57 - 2654	ND*	Spinosad A	57 - 2654	ND*
Etoxazole	344 - 2654	ND*	Spinosad D	344 - 2654	ND*
Fenoxycarb	>57	ND*	Spiromesifen	>344	ND*
Fipronil	57 - 2654	ND*	Spirotetramat	>344	ND*
Flonicamid	57 - 2654	ND*	Spiroxamine 1	57 - 2654	ND*
Fludioxonil	>344	ND*	Spiroxamine 2	57 - 2654	ND*
Hexythiazox	57 - 2654	ND*	Tebuconazole	344 - 2654	ND*
Imazalil	344 - 2654	ND*	Thiacloprid	57 - 2654	ND*
Imidacloprid	57 - 2654	ND*	Thiamethoxam	57 - 2654	ND*
Kresoxim-methyl	57 - 2654	ND*	Trifloxystrobin	57 - 2654	ND*

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

N/A

FINAL APPROVAL


 Tyler Wiese
 1-Apr-2020
 2:29 PM
 PREPARED BY / DATE


 Greg Zimpfer
 1-Apr-2020
 2:40 PM
 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.

Tincture "Pure" 500mg/30ml CBD 0.0% THC

Batch ID:	GRMC-004-DS-4	Test ID:	T000068976
Reported:	30-Mar-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	71 - 1413	*ND
Butanes (Isobutane, n-Butane)	144 - 2874	*ND
Methanol	53 - 1069	*ND
Pentane	80 - 1592	*ND
Ethanol	81 - 1629	*ND
Acetone	86 - 1716	*ND
Isopropyl Alcohol	93 - 1865	*ND
Hexane	5 - 104	*ND
Ethyl Acetate	87 - 1736	*ND
Benzene	0.2 - 3.5	*ND
Heptanes	83 - 1662	*ND
Toluene	16 - 315	*ND
Xylenes (m,p,o-Xylenes)	112 - 2248	*ND

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

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
30-Mar-2020
4:53 PM
PREPARED BY / DATE
Greg Zimpfer
30-Mar-2020
7:27 PM
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

prepared for: SPERO CBD

1111 BROADWAY,
OAKLAND, CA 94607

Tincture "Pure" 500mg/30ml CBD 0.0% THC

Batch ID:	GRMC-004-DS-4	Test ID:	T000068977
Reported:	29-Mar-2020	Method:	Edible - Test Methods: TM05, TM06
Type:	Edible		
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



Robert Belfon
28-Mar-2020
10:03 PM



Mike Branvold
29-Mar-2020
11:13 AM

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