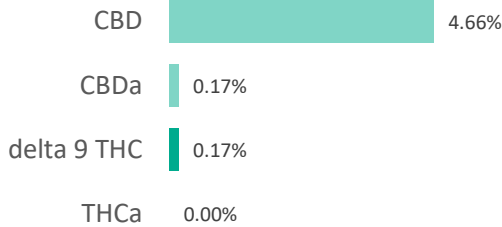
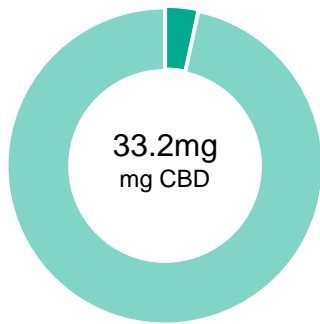


30mg FSO SOFTGELS

Batch ID:	8570-02	Test ID:	2084318.0010
Reported:	19-Dec-2019	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.40	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.20	1.20	1.7
Cannabidiolic acid (CBDA)	0.28	1.20	1.7
Cannabidiol (CBD)	0.15	33.20	46.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.22	0.00	0.0
Cannabinolic Acid (CBNA)	0.55	0.00	0.0
Cannabinol (CBN)	0.24	0.00	0.0
Cannabigerolic acid (CBGA)	0.35	0.00	0.0
Cannabigerol (CBG)	0.20	0.40	0.6
Tetrahydrocannabivarinic Acid (THCVA)	0.34	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.18	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.26	0.00	0.0
Cannabidivarin (CBDV)	0.14	0.00	0.0
Cannabichromenic Acid (CBCA)	0.30	0.00	0.0
Cannabichromene (CBC)	0.36	1.80	2.5
Total Cannabinoids		37.80	53.04
Total Potential THC**		1.20	1.68
Total Potential CBD**		34.25	48.06

NOTES:


of Servings = 1, Sample Weight=0.71269g

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
 19-Dec-2019
 7:32 PM

PREPARED BY / DATE



David Green
 19-Dec-2019
 8:59 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



30mg FSO SOFTGELS

Batch ID:	8570-02	Test ID:	9707868.001
Reported:	19-Dec-2019	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


Mara Miller
19-Dec-2019
3:04 PM


David Green
19-Dec-2019
3:24 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, 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 Services, LLC.

30mg FSO SOFTGELS

Batch ID:	8570-02	Test ID:	9761152.010
Reported:	19-Dec-2019	Method:	TM04
Type:	Concentrate		
Test:	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	0
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

 Ryan Weems 19-Dec-2019 4:41 PM	 David Green 19-Dec-2019 5:52 PM
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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


30mg FSO SOFTGELS


Batch ID: 8570-02	Test ID: T000043959
Reported: 30-Dec-2019	Method: Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type: Other	
Test: Metals	

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL


Sam Smith
30-Dec-2019
3:09 PM
PREPARED BY / DATE


Greg Zimpfer
30-Dec-2019
3:17 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.

30mg FSO SOFTGELS

Batch ID:	8570-02	Test ID:	4549925.0036
Reported:	20-Dec-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	49 - 2287	ND*	Malathion	49 - 2287	ND*
Acetamiprid	49 - 2287	ND*	Metalaxyl	296 - 2287	ND*
Avermectin	296 - 2287	ND*	Methiocarb	49 - 2287	ND*
Azoxystrobin	49 - 2287	ND*	Methomyl	49 - 2287	ND*
Bifenazate	49 - 2287	ND*	MGK 264 1	49 - 2287	ND*
Boscalid	296 - 2287	ND*	MGK 264 2	296 - 2287	ND*
Carbaryl	49 - 2287	ND*	Myclobutanil	296 - 2287	ND*
Carbofuran	49 - 2287	ND*	Naled	296 - 2287	ND*
Chlorantraniliprole	49 - 2287	ND*	Oxamyl	49 - 2287	ND*
Chlorpyrifos	296 - 2287	ND*	Paclobutrazol	49 - 2287	ND*
Clofentezine	49 - 2287	ND*	Permethrin	296 - 2287	ND*
Diazinon	49 - 2287	ND*	Phosmet	49 - 2287	ND*
Dichlorvos	296 - 2287	ND*	Prophos	296 - 2287	ND*
Dimethoate	49 - 2287	ND*	Propoxur	296 - 2287	ND*
E-Fenpyroximate	296 - 2287	ND*	Pyridaben	296 - 2287	ND*
Etofenprox	296 - 2287	ND*	Spinosad A	49 - 2287	ND*
Etoxazole	296 - 2287	ND*	Spinosad D	296 - 2287	ND*
Fenoxycarb	49 - 2287	ND*	Spiromesifen	49 - 2287	ND*
Fipronil	296 - 2287	ND*	Spirotetramat	296 - 2287	ND*
Flonicamid	49 - 2287	ND*	Spiroxamine 1	49 - 2287	ND*
Fludioxonil	296 - 2287	ND*	Spiroxamine 2	49 - 2287	ND*
Hexythiazox	296 - 2287	ND*	Tebuconazole	49 - 2287	ND*
Imazalil	296 - 2287	ND*	Thiacloprid	49 - 2287	ND*
Imidacloprid	49 - 2287	ND*	Thiamethoxam	49 - 2287	ND*
Kresoxim-methyl	49 - 2287	ND*	Trifloxystrobin	296 - 2287	ND*


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

N/A

FINAL APPROVAL

 Alex Smith
 20-Dec-2019
 2:52 PM

PREPARED BY / DATE

 Greg Zimpfer
 20-Dec-2019
 4:38 PM

APPROVED BY / DATE

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