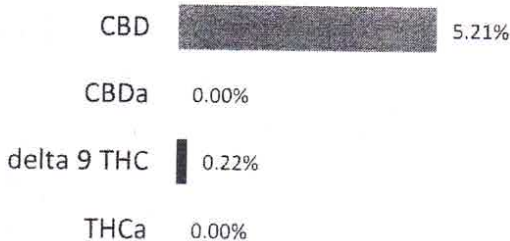
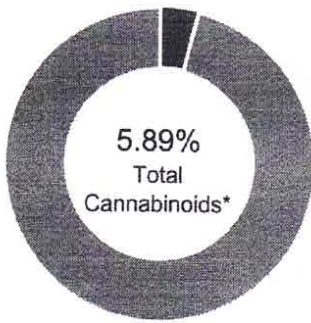


FSO Blended w/ MCT

Batch ID:	MCT-BO201130-1	Test ID:	T000114212
Type:	Concentrate	Submitted:	12/08/2020 @ 10:47 AM
Test:	Potency	Started:	12/8/2020
Method:	TM14	Reported:	12/8/2020

CANNABINOID PROFILE

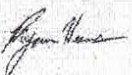
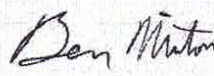


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.14	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.16	0.22	2.2
Cannabidiolic acid (CBDA)	0.19	ND	ND
Cannabidiol (CBD)	0.19	5.21	52.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.17	ND	ND
Cannabinolic Acid (CBNA)	0.10	ND	ND
Cannabinol (CBN)	0.05	ND	ND
Cannabigerolic acid (CBGA)	0.15	ND	ND
Cannabigerol (CBG)	0.03	0.14	1.4
Tetrahydrocannabivarinic Acid (THCVA)	0.12	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.08	ND	ND
Cannabidivarin (CBDV)	0.04	0.05	0.5
Cannabichromenic Acid (CBCA)	0.06	ND	ND
Cannabichromene (CBC)	0.06	0.27	2.7
<b>Total Cannabinoids</b>		<b>5.89</b>	<b>58.9</b>
Total Potential THC**		0.22	2.2
Total Potential CBD**		5.21	52.1

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

FINAL APPROVAL

	Ryan Weems 8-Dec-2020 6:33 PM		Ben Minton 8-Dec-2020 6:59 PM
PREPARED BY / DATE		APPROVED BY / DATE	

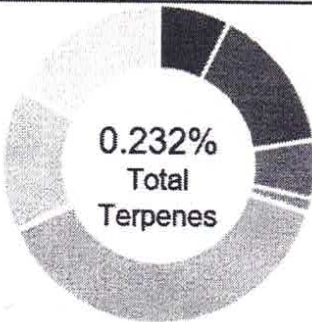
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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



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**FSO Blended w/ MCT**

<b>Batch ID:</b> MCT-BO201130-1	<b>Test ID:</b> T000114215
<b>Type:</b> Concentrate	<b>Submitted:</b> 12/08/2020 @ 10:47 AM
<b>Test:</b> Terpenes	<b>Started:</b> 12/10/2020
<b>Method:</b> TM22	<b>Reported:</b> 12/11/2020

**TERPENE PROFILE**



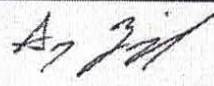
Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.038	0.38
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.084	0.84
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.032	0.32
(-)-Isopulegol	0.000	0
d-Limonene	0.013	0.13
Linalool	0.003	0.03
beta-Myrcene	0.033	0.33
cis-Nerolidol	0.000	0
trans-Nerolidol	0.008	0.08
Ocimene	0.001	0.01
beta-Ocimene	0.004	0.04
alpha-Pinene	0.016	0.16
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
<b>Total</b>	<b>0.232%</b>	<b>2.32</b>

**PREDOMINANT TERPENES**

alpha-Pinene	0.016%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.033%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.013%
Linalool	0.003%
beta-Caryophyllene	0.084%
alpha-Humulene	0.032%
(-)-alpha-Bisabolol	0.038%

**NOTES:**  
0

**FINAL APPROVAL**

	<b>Michele Gagnon</b> 11-Dec-2020 2:16 PM		<b>Greg Zimpfer</b> 11-Dec-2020 5:57 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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**FSO Blended w/ MCT**

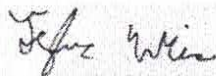
<b>Batch ID:</b>	MCT-BO201130-1	<b>Test ID:</b>	T000114216
<b>Type:</b>	Concentrate	<b>Submitted:</b>	12/08/2020 @ 10:47 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	12/9/2020
<b>Method:</b>	TM17	<b>Reported:</b>	12/10/2020

**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	44 - 2607	ND*	Malathion	314 - 2607	ND*
Acetamiprid	48 - 2607	ND*	Metalaxyl	44 - 2607	ND*
Abamectin	>345	ND*	Methiocarb	42 - 2607	ND*
Azoxystrobin	52 - 2607	ND*	Methomyl	51 - 2607	ND*
Bifenazate	39 - 2607	ND*	MGK 264 1	176 - 2607	ND*
Boscalid	41 - 2607	ND*	MGK 264 2	115 - 2607	ND*
Carbaryl	46 - 2607	ND*	Myclobutanil	22 - 2607	ND*
Carbofuran	44 - 2607	ND*	Naled	50 - 2607	ND*
Chlorantraniliprole	53 - 2607	ND*	Oxamyl	47 - 2607	ND*
Chlorpyrifos	38 - 2607	ND*	Paclobutrazol	44 - 2607	ND*
Clofentezine	298 - 2607	ND*	Permethrin	318 - 2607	ND*
Diazinon	312 - 2607	ND*	Phosmet	45 - 2607	ND*
Dichlorvos	>305	ND*	Prophos	290 - 2607	ND*
Dimethoate	49 - 2607	ND*	Propoxur	42 - 2607	ND*
E-Fenpyroximate	291 - 2607	ND*	Pyridaben	289 - 2607	ND*
Etofenprox	47 - 2607	ND*	Spinosad A	30 - 2607	ND*
Etoxazole	314 - 2607	ND*	Spinosad D	84 - 2607	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>300	ND*
Fipronil	57 - 2607	ND*	Spirotetramat	>327	ND*
Flonicamid	81 - 2607	ND*	Spiroxamine 1	19 - 2607	ND*
Fludioxonil	>287	ND*	Spiroxamine 2	24 - 2607	ND*
Hexythiazox	48 - 2607	ND*	Tebuconazole	322 - 2607	ND*
Imazalil	315 - 2607	ND*	Thiacloprid	49 - 2607	ND*
Imidacloprid	50 - 2607	ND*	Thiamethoxam	46 - 2607	ND*
Kresoxim-methyl	48 - 2607	ND*	Trifloxystrobin	46 - 2607	ND*

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

N/A

**FINAL APPROVAL**


Tyler Wiese  
10-Dec-2020  
4:02 PM



Greg Zimpfer  
10-Dec-2020  
5:28 PM

PREPARED BY / DATE

APPROVED BY / DATE

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## FSO Blended w/ MCT

<b>Batch ID:</b>	MCT-BO201130-1	<b>Test ID:</b>	T000114213
<b>Type:</b>	Concentrate	<b>Submitted:</b>	12/08/2020 @ 10:47 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	12/10/2020
<b>Method:</b>	TM04	<b>Reported:</b>	12/10/2020

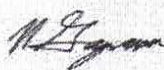
## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	103 - 2053	*ND
Butanes (Isobutane, n-Butane)	189 - 3783	*ND
Methanol	61 - 1223	*ND
Pentane	94 - 1888	*ND
Ethanol	100 - 1999	*ND
Acetone	97 - 1947	*ND
Isopropyl Alcohol	102 - 2033	*ND
Hexane	6 - 116	*ND
Ethyl Acetate	96 - 1930	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	95 - 1905	*ND
Toluene	18 - 354	*ND
Xylenes (m,p,o-Xylenes)	128 - 2568	*ND

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

 NOTES:  
N/A

## FINAL APPROVAL

 Michele Gagnon 10-Dec-2020 3:16 PM	 Greg Zimpfer 10-Dec-2020 4:41 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02



## FSO Blended w/ MCT


<b>Batch ID:</b>	MCT-BO201130-1	<b>Test ID:</b>	T000114217
<b>Type:</b>	Other	<b>Submitted:</b>	12/08/2020 @ 10:47 AM
<b>Test:</b>	Metals	<b>Started:</b>	12/8/2020
<b>Method:</b>	TM19	<b>Reported:</b>	12/9/2020

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.071 - 7.12	ND
Cadmium	0.066 - 6.61	ND
Mercury	0.068 - 6.76	ND
Lead	0.067 - 6.68	ND

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

## FINAL APPROVAL

  
Daniel Weidensaul  
9-Dec-2020  
11:20 AM

  
Ben Minton  
9-Dec-2020  
12:09 PM

PREPARED BY / DATE

APPROVED BY / DATE

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**FSO Blended w/ MCT**

<b>Batch ID:</b>	MCT-BO201130-1	<b>Test ID:</b>	T000114214
<b>Type:</b>	Concentrate	<b>Submitted:</b>	12/08/2020 @ 10:47 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	12/9/2020
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	12/12/2020

**MICROBIAL CONTAMINANTS**

Contaminant	Result (CFU/g)*
<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>	Absent
<b>STEC and 0157 E. coli</b>	None Detected
<b>Salmonella</b>	None Detected

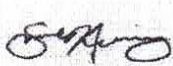
\* CFU/g = Colony Forming Unit per Gram

\*\* 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<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

**NOTES:**

Free from visual mold, mildew, and foreign matter  
 TYM: None Detected  
 Total Aerobic: None Detected  
 Coliforms: None Detected

**FINAL APPROVAL**


Sarah Henning  
 12-Dec-2020  
 2:05 PM



Greg Zimpfer  
 12-Dec-2020  
 4:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03