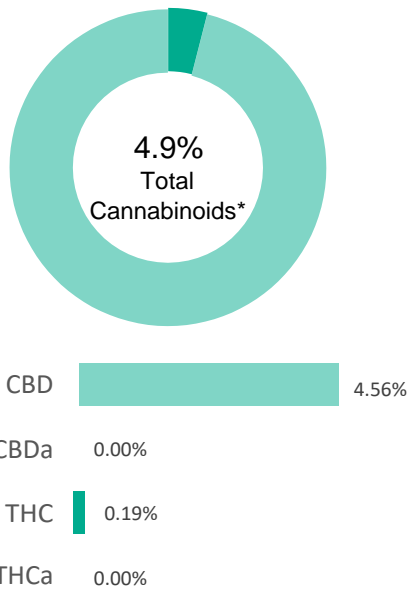


40mg NATURAL FULL SPECTRUM HEMP OIL EXTRACT

Batch ID:	191216-3	Test ID:	1856489.0013
Reported:	14-Sept-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.03	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.19	1.9
Cannabidiolic acid (CBDA)	0.04	0.00	0.0
Cannabidiol (CBD)	0.03	4.56	45.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	0.00	0.0
Cannabinolic Acid (CBNA)	0.04	0.00	0.0
Cannabinol (CBN)	0.02	0.03	0.3
Cannabigerolic acid (CBGA)	0.03	0.00	0.0
Cannabigerol (CBG)	0.02	0.08	0.8
Tetrahydrocannabivarinic Acid (THCVA)	0.03	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.01	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.04	0.00	0.0
Cannabidivarin (CBDV)	0.02	0.04	0.4
Cannabichromenic Acid (CBCA)	0.02	0.00	0.0
Cannabichromene (CBC)	0.03	0.00	0.0
Total Cannabinoids		4.90	49.00
Total Potential THC**		0.19	1.90
Total Potential CBD**		4.56	45.60


 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
 14-Sept-2020
 4:49 PM

PREPARED BY / DATE



David Green
 14-Sept-2020
 5:51 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



40mg NATURAL FULL SPECTRUM HEMP OIL EXTRACT

Batch ID:	191216-3	Test ID:	7106718.005
Reported:	14-Sept-2020	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

Tyler Wiese
14-Sept-2020
6:55 PMGreg Zimpfer
14-Sept-2020
8:21 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

ORGANIC DISTILLATE

Batch ID:	BH-FSO-O-4-191231	Test ID:	5357694.003
Reported:	8-Jan-2020	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 7-Jan-2020 2:06 PM	 Greg Zimpfer 8-Jan-2020 5:52 AM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02


ORGANIC DISTILLATE


Batch ID:	BH-FSO-O-4-191231	Test ID:	T000048718
Reported:	9-Jan-2020	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
9-Jan-2020
4:16 PM
PREPARED BY / DATE


Greg Zimpfer
9-Jan-2020
7:15 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.

ORGANIC DISTILLATE

Batch ID:	BH-FSO-O-4-191231	Test ID:	3589994.002
Reported:	8-Jan-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	56 - 2579	ND*	Malathion	56 - 2579	ND*
Acetamiprid	56 - 2579	ND*	Metalaxyl	334 - 2579	ND*
Avermectin	334 - 2579	ND*	Methiocarb	56 - 2579	ND*
Azoxystrobin	56 - 2579	ND*	Methomyl	56 - 2579	ND*
Bifenazate	56 - 2579	ND*	MGK 264 1	56 - 2579	ND*
Boscalid	334 - 2579	ND*	MGK 264 2	334 - 2579	ND*
Carbaryl	56 - 2579	ND*	Myclobutanil	334 - 2579	ND*
Carbofuran	56 - 2579	ND*	Naled	334 - 2579	ND*
Chlorantraniliprole	56 - 2579	ND*	Oxamyl	56 - 2579	ND*
Chlorpyrifos	334 - 2579	ND*	Paclobutrazol	56 - 2579	ND*
Clofentezine	56 - 2579	ND*	Permethrin	334 - 2579	ND*
Diazinon	56 - 2579	ND*	Phosmet	56 - 2579	ND*
Dichlorvos	334 - 2579	ND*	Prophos	334 - 2579	ND*
Dimethoate	56 - 2579	ND*	Propoxur	334 - 2579	ND*
E-Fenproximate	334 - 2579	ND*	Pyridaben	334 - 2579	ND*
Etofenprox	334 - 2579	ND*	Spinosad A	56 - 2579	ND*
Etoxazole	334 - 2579	ND*	Spinosad D	334 - 2579	ND*
Fenoxycarb	56 - 2579	ND*	Spiromesifen	56 - 2579	ND*
Fipronil	334 - 2579	ND*	Spirotetramat	334 - 2579	ND*
Flonicamid	56 - 2579	ND*	Spiroxamine 1	56 - 2579	ND*
Fludioxonil	334 - 2579	ND*	Spiroxamine 2	56 - 2579	ND*
Hexythiazox	334 - 2579	ND*	Tebuconazole	56 - 2579	ND*
Imazalil	334 - 2579	ND*	Thiacloprid	56 - 2579	ND*
Imidacloprid	56 - 2579	ND*	Thiamethoxam	56 - 2579	ND*
Kresoxim-methyl	56 - 2579	ND*	Trifloxystrobin	334 - 2579	ND*

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

N/A

FINAL APPROVAL


 Sam Smith
 8-Jan-2020
 7:16 AM
 PREPARED BY / DATE


 Greg Zimpfer
 8-Jan-2020
 7:24 AM
 APPROVED BY / DATE

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