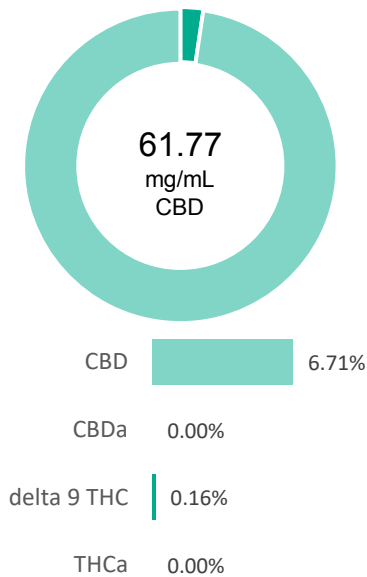


D116

Batch ID:		Test ID:	t000134519
Type:	Solution	Submitted:	04/13/2021 @ 09:32 AM
Test:	Potency	Started:	4/13/2021
Method:	TM14	Reported:	4/13/2021

CANNABINOID PROFILE



Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.35	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.40	1.48	1.6
Cannabidiolic acid (CBDA)	0.54	ND	ND
Cannabidiol (CBD)	0.52	61.77	67.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.44	ND	ND
Cannabinolic Acid (CBNA)	0.25	ND	ND
Cannabinol (CBN)	0.11	0.34	0.4
Cannabigerolic acid (CBGA)	0.37	ND	ND
Cannabigerol (CBG)	0.09	1.56	1.7
Tetrahydrocannabivarinic Acid (THCVA)	0.31	ND	ND
Tetrahydrocannabivarin (THCV)	0.08	0.08	0.1
Cannabidivarinic Acid (CBDVA)	0.22	ND	ND
Cannabidivarin (CBDV)	0.12	0.83	0.9
Cannabichromenic Acid (CBCA)	0.14	ND	ND
Cannabichromene (CBC)	0.15	1.95	2.1
Total Cannabinoids		68.01	73.9
Total Potential THC**		1.48	1.6
Total Potential CBD**		61.77	67.1

% = % (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:

Density = 0.92g/mL

FINAL APPROVAL

	Sam Smith 13-Apr-2021 3:59 PM		Ryan Weems 13-Apr-2021 4:01 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



Certificate #4329.02

D116

Batch ID:	N/A	Test ID:	T000134522
Type:	Unit	Submitted:	04/13/2021 @ 09:32 AM
Test:	Metals	Started:	4/15/2021
Method:	TM19	Reported:	4/15/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.069 - 6.87	ND
Cadmium	0.068 - 6.78	ND
Mercury	0.067 - 6.70	ND
Lead	0.063 - 6.33	ND

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

FINAL APPROVAL


Sam Smith
15-Apr-2021
3:15 PM

PREPARED BY / DATE


Ryan Weems
15-Apr-2021
3:21 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.

D116

Batch ID:	N/A	Test ID:	T000134521
Type:	Edible	Submitted:	04/13/2021 @ 09:32 AM
Test:	Microbial Contaminants	Started:	4/13/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	4/16/2021

MICROBIAL CONTAMINANTS

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

FINAL APPROVAL


Sarah Henning
16-Apr-2021
10:18 AM
Robert Belfon
16-Apr-2021
2:24 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 4329.03. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.



Certificate #4329.03

D116

Batch ID:		Test ID:	T000134520
Type:	Concentrate	Submitted:	04/13/2021 @ 09:32 AM
Test:	Pesticides	Started:	4/15/2021
Method:	TM17	Reported:	4/19/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	40 - 2485	ND*	Malathion	298 - 2485	ND*
Acetamiprid	38 - 2485	ND*	Metalaxyl	42 - 2485	ND*
Abamectin	>342	ND*	Methiocarb	41 - 2485	ND*
Azoxystrobin	41 - 2485	ND*	Methomyl	40 - 2485	ND*
Bifenazate	31 - 2485	ND*	MGK 264 1	156 - 2485	ND*
Boscalid	39 - 2485	ND*	MGK 264 2	111 - 2485	ND*
Carbaryl	42 - 2485	ND*	Myclobutanil	44 - 2485	ND*
Carbofuran	44 - 2485	ND*	Naled	42 - 2485	ND*
Chlorantraniliprole	50 - 2485	ND*	Oxamyl	39 - 2485	ND*
Chlorpyrifos	49 - 2485	ND*	Paclobutrazol	38 - 2485	ND*
Clofentezine	276 - 2485	ND*	Permethrin	292 - 2485	ND*
Diazinon	275 - 2485	ND*	Phosmet	44 - 2485	ND*
Dichlorvos	>265	ND*	Prophos	291 - 2485	ND*
Dimethoate	41 - 2485	ND*	Propoxur	42 - 2485	ND*
E-Fenpyroximate	301 - 2485	ND*	Pyridaben	312 - 2485	ND*
Etofenprox	43 - 2485	ND*	Spinosad A	28 - 2485	ND*
Etoxazole	297 - 2485	ND*	Spinosad D	78 - 2485	ND*
Fenoxycarb	>35	ND*	Spiromesifen	>267	ND*
Fipronil	34 - 2485	ND*	Spirotetramat	>276	ND*
Flonicamid	49 - 2485	ND*	Spiroxamine 1	17 - 2485	ND*
Fludioxonil	>274	ND*	Spiroxamine 2	24 - 2485	ND*
Hexythiazox	42 - 2485	ND*	Tebuconazole	288 - 2485	ND*
Imazalil	271 - 2485	ND*	Thiacloprid	40 - 2485	ND*
Imidacloprid	47 - 2485	ND*	Thiamethoxam	42 - 2485	ND*
Kresoxim-methyl	48 - 2485	ND*	Trifloxystrobin	41 - 2485	ND*

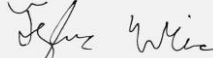
* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


 Taylor Brevik
 19-Apr-2021
 1:33 PM

PREPARED BY / DATE


 Tyler Wiese
 19-Apr-2021
 1:36 PM

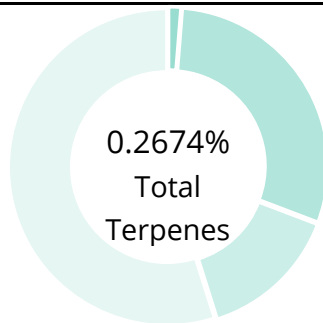
APPROVED BY / DATE

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.

D116

Batch ID:		Test ID:	T000147863
Type:	Concentrate	Submitted:	06/23/2021 @ 10:16 AM
Test:	Terpenes	Started:	6/24/2021
Method:	TM22	Reported:	6/25/2021

TERPENE PROFILE



PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0033
beta-Caryophyllene	0.0771
alpha-Humulene	0.0375
(-)-alpha-Bisabolol	0.1433

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.1433	1.433
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0771	0.771
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0375	0.375
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0033	0.033
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0062	0.062
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.2674	2.674

NOTES:

N/A

FINAL APPROVAL

 Daniel Weidensaul 25-Jun-2021 12:44 PM	 Ryan Weems 25-Jun-2021 12:46 PM
--	--

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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

D116

Batch ID:		Test ID:	T000134523
Type:	Concentrate	Submitted:	04/13/2021 @ 09:32 AM
Test:	Residual Solvents	Started:	4/16/2021
Method:	TM04	Reported:	4/16/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	67 - 1336	*ND
Butanes (Isobutane, n-Butane)	136 - 2711	*ND
Methanol	59 - 1173	*ND
Pentane	80 - 1595	*ND
Ethanol	82 - 1631	*ND
Acetone	95 - 1908	*ND
Isopropyl Alcohol	100 - 2007	*ND
Hexane	6 - 118	*ND
Ethyl Acetate	96 - 1921	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	90 - 1800	*ND
Toluene	18 - 351	*ND
Xylenes (m,p,o-Xylenes)	128 - 2563	*ND

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

NOTES:

N/A

FINAL APPROVAL


Taylor Brevik
16-Apr-2021
3:32 PM

PREPARED BY / DATE


Daniel Weidensaul
16-Apr-2021
3:35 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