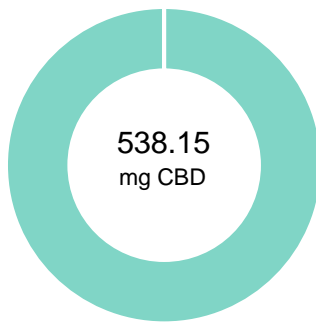


NED-BB-008

Batch ID:	NED-12012020	Test ID:	T000114203
Type:	Unit	Submitted:	12/08/2020 @ 10:35 AM
Test:	Potency	Started:	12/9/2020
Method:	TM14	Reported:	12/10/2020

CANNABINOID PROFILE


CBD	0.95%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	71.79	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	81.02	ND	ND
Cannabidiolic acid (CBDA)	98.17	ND	ND
Cannabidiol (CBD)	95.72	538.15	9.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	89.21	ND	ND
Cannabinolic Acid (CBNA)	51.09	ND	ND
Cannabinol (CBN)	23.37	ND	ND
Cannabigerolic acid (CBGA)	74.88	ND	ND
Cannabigerol (CBG)	17.91	23.50	0.4
Tetrahydrocannabivarinic Acid (THCVA)	63.32	ND	ND
Tetrahydrocannabivarin (THCV)	16.29	ND	ND
Cannabidivarinic Acid (CBDVA)	40.95	ND	ND
Cannabidivarin (CBDV)	22.64	ND	ND
Cannabichromenic Acid (CBCA)	28.86	ND	ND
Cannabichromene (CBC)	31.55	ND	ND
Total Cannabinoids		561.65	9.9
Total Potential THC**		ND	ND
Total Potential CBD**		538.15	9.5



NOTES:

of Servings = 1, Sample Weight=56.5g

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

 Sam Smith 10-Dec-2020 12:55 PM	 Greg Zimpfer 10-Dec-2020 5:12 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

NED-BB-008

Batch ID:	NED-12012020	Test ID:	T000114204
Type:	Other	Submitted:	12/08/2020 @ 10:35 AM
Test:	Trace THC	Started:	12/10/2020
Method:	TM20	Reported:	12/11/2020

TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.688	0.040	0.40
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.001 - 1.377	ND**	ND**
Total Potential THC*		0.040	0.40

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)


* Total Potential THC 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))

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

*** ALOQ = Above Limit Of Quantitation (Defined by Dynamic Range of the method)

FINAL APPROVAL


Ryan Weems
11-Dec-2020
10:43 AM
Greg Zimpfer
11-Dec-2020
1:47 PM

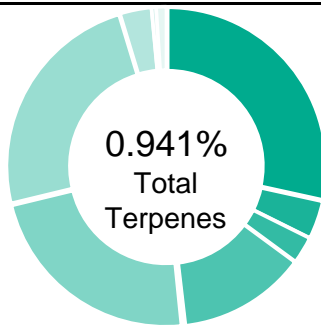
PREPARED BY / DATE

APPROVED BY / DATE

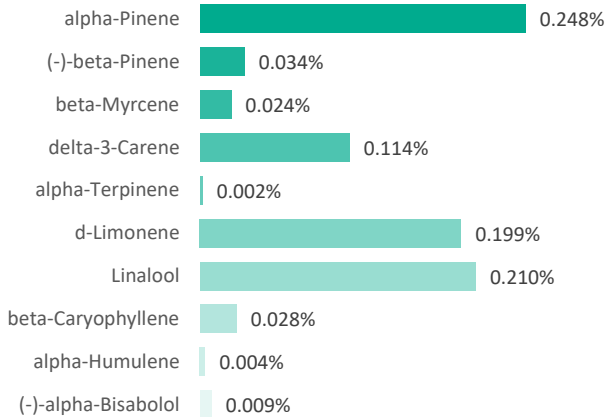
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods.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

NED-BB-008



Batch ID:	NED-12012020	Test ID:	T000114207
Type:	Concentrate	Submitted:	12/08/2020 @ 10:35 AM
Test:	Terpenes	Started:	12/10/2020
Method:	TM22	Reported:	12/11/2020

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.009	0.09
Camphene	0.000	0
delta-3-Carene	0.114	1.14
beta-Caryophyllene	0.028	0.28
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.003	0.03
Geraniol	0.005	0.05
alpha-Humulene	0.004	0.04
(-)-Isopulegol	0.000	0
d-Limonene	0.199	1.99
Linalool	0.210	2.1
beta-Myrcene	0.024	0.24
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.009	0.09
beta-Ocimene	0.011	0.11
alpha-Pinene	0.248	2.48
(-)-beta-Pinene	0.034	0.34
alpha-Terpinene	0.002	0.02
gamma-Terpinene	0.028	0.28
Terpinolene	0.013	0.13
	0.941%	9.41

PREDOMINANT TERPENES

 NOTES:
 0

FINAL APPROVAL

 Michele Gagnon 11-Dec-2020 2:16 PM	 Greg Zimpfer 11-Dec-2020 5:57 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

NED-BB-008

Batch ID:	NED-12012020	Test ID:	T000114205
Type:	Concentrate	Submitted:	12/08/2020 @ 10:35 AM
Test:	Residual Solvents	Started:	12/10/2020
Method:	TM04	Reported:	12/10/2020

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	105 - 2091	*ND
Butanes (Isobutane, n-Butane)	193 - 3854	*ND
Methanol	62 - 1246	*ND
Pentane	96 - 1924	*ND
Ethanol	102 - 2036	*ND
Acetone	99 - 1984	*ND
Isopropyl Alcohol	104 - 2071	*ND
Hexane	6 - 118	*ND
Ethyl Acetate	98 - 1966	*ND
Benzene	0.2 - 4	*ND
Heptanes	97 - 1941	*ND
Toluene	18 - 360	*ND
Xylenes (m,p,o-Xylenes)	131 - 2616	*ND


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

NOTES:
N/A

FINAL APPROVAL


Michele Gagnon
10-Dec-2020
3:16 PM

PREPARED BY / DATE


Greg Zimpfer
10-Dec-2020
4:41 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

NED-BB-008


Batch ID:	NED-12012020	Test ID:	T000114208
Type:	Concentrate	Submitted:	12/08/2020 @ 10:35 AM
Test:	Pesticides	Started:	12/9/2020
Method:	TM17	Reported:	12/10/2020


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	45 - 2633	ND*	Malathion	317 - 2633	ND*
Acetamiprid	49 - 2633	ND*	Metalaxyl	45 - 2633	ND*
Abamectin	>349	ND*	Methiocarb	43 - 2633	ND*
Azoxystrobin	52 - 2633	ND*	Methomyl	52 - 2633	ND*
Bifenazate	39 - 2633	ND*	MGK 264 1	178 - 2633	ND*
Boscalid	42 - 2633	ND*	MGK 264 2	116 - 2633	ND*
Carbaryl	47 - 2633	ND*	Myclobutanil	22 - 2633	ND*
Carbofuran	44 - 2633	ND*	Naled	50 - 2633	ND*
Chlorantraniliprole	53 - 2633	ND*	Oxamyl	47 - 2633	ND*
Chlorpyrifos	39 - 2633	ND*	Paclobutrazol	45 - 2633	ND*
Clofentezine	301 - 2633	ND*	Permethrin	321 - 2633	ND*
Diazinon	315 - 2633	ND*	Phosmet	46 - 2633	ND*
Dichlorvos	>308	ND*	Prophos	293 - 2633	ND*
Dimethoate	50 - 2633	ND*	Propoxur	42 - 2633	ND*
E-Fenpyroximate	294 - 2633	ND*	Pyridaben	292 - 2633	ND*
Etofenprox	47 - 2633	ND*	Spinosad A	30 - 2633	ND*
Etoxazole	317 - 2633	ND*	Spinosad D	85 - 2633	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>303	ND*
Fipronil	58 - 2633	ND*	Spirotetramat	>330	ND*
Flonicamid	82 - 2633	ND*	Spiroxamine 1	19 - 2633	ND*
Fludioxonil	>290	ND*	Spiroxamine 2	24 - 2633	ND*
Hexythiazox	49 - 2633	ND*	Tebuconazole	325 - 2633	ND*
Imazalil	318 - 2633	ND*	Thiacloprid	49 - 2633	ND*
Imidacloprid	51 - 2633	ND*	Thiamethoxam	47 - 2633	ND*
Kresoxim-methyl	48 - 2633	ND*	Trifloxystrobin	46 - 2633	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

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.

NED-BB-008

Batch ID:	NED-12012020	Test ID:	T000114206
Type:	Concentrate	Submitted:	12/08/2020 @ 10:35 AM
Test:	Microbial Contaminants	Started:	12/9/2020
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	12/12/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
STEC and 0157 E. coli	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

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

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

NED-BB-008



Batch ID:	NED-12012020	Test ID:	T000114209
Type:	Other	Submitted:	12/08/2020 @ 10:35 AM
Test:	Metals	Started:	12/8/2020
Method:	TM19	Reported:	12/9/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.096 - 9.60	ND
Cadmium	0.089 - 8.91	ND
Mercury	0.091 - 9.12	ND
Lead	0.090 - 9.02	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

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.