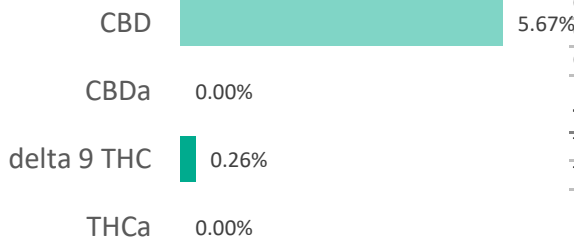
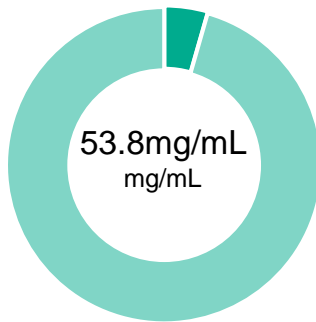


NED-B024-1500

Batch ID:	NED-02242020	Test ID:	2547254.0029
Reported:	27-Feb-2020	Method:	TM14
Type:	Solution		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.21	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.11	2.50	2.6
Cannabidiolic acid (CBDA)	0.28	ND	ND
Cannabidiol (CBD)	0.16	53.80	56.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.12	ND	ND
Cannabinolic Acid (CBNA)	0.29	ND	ND
Cannabinol (CBN)	0.13	ND	ND
Cannabigerolic acid (CBGA)	0.19	ND	ND
Cannabigerol (CBG)	0.10	2.80	2.9
Tetrahydrocannabivarinic Acid (THCVA)	0.18	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.26	ND	ND
Cannabidivarin (CBDV)	0.14	0.30	0.3
Cannabichromenic Acid (CBCA)	0.16	ND	ND
Cannabichromene (CBC)	0.19	2.10	2.2
Total Cannabinoids		61.50	64.82
Total Potential THC**		2.50	2.64
Total Potential CBD**		53.80	56.73

NOTES:

Density = 0.947523g/mL

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


 Daniel Weidensaul
 27-Feb-2020
 4:48 PM



 Greg Zimpfer
 27-Feb-2020
 5:25 PM

PREPARED BY / DATE

APPROVED BY / DATE

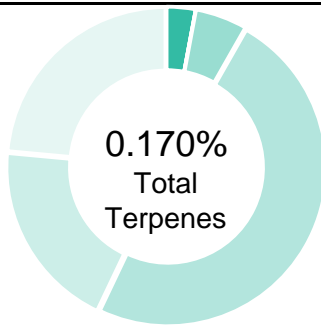
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods.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



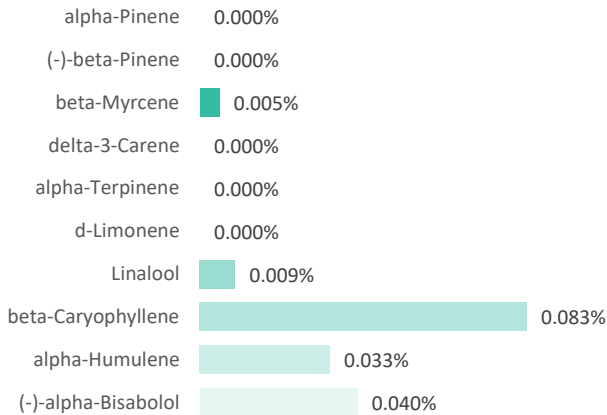
Certificate #4329.02

NED-B024-1500


Batch ID:	NED-02242020	Test ID:	6196088.003
Reported:	2-Mar-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.040	0.4
Camphene	N/A	N/A
delta-3-Carene	0.000	0
beta-Caryophyllene	0.083	0.83
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.033	0.33
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.009	0.09
beta-Myrcene	0.005	0.05
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.170%	1.70

PREDOMINANT TERPENES

 NOTES:
 0

FINAL APPROVAL

 Daniel Weidensaul 2-Mar-2020 1:38 PM	 Greg Zimpfer 2-Mar-2020 5:45 PM
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Certificate #4329.02

NED-B024-1500

Batch ID:	NED-02242020	Test ID:	T000062903
Reported:	28-Feb-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	94 - 1873	*ND
Butanes (Isobutane, n-Butane)	183 - 3666	*ND
Pentane	95 - 1904	*ND
Ethanol	96 - 1914	162
Acetone	100 - 2008	*ND
Isopropyl Alcohol	106 - 2114	*ND
Hexane	6 - 123	*ND
Ethyl Acetate	101 - 2019	*ND
Benzene	0.2 - 4	*ND
Heptanes	97 - 1938	*ND
Toluene	18 - 361	*ND
Xylenes (m,p,o-Xylenes)	131 - 2622	*ND

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

NOTES:
N/A**FINAL APPROVAL**
Taylor Brevik
28-Feb-2020
3:38 PM

PREPARED BY / DATE


Greg Zimpfer
28-Feb-2020
5:40 PM

APPROVED BY / DATE

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Certificate #4329.02

NED-B024-1500


Batch ID:	NED-02242020	Test ID:	1460569.0018
Reported:	28-Feb-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	54 - 2500	ND*	Malathion	54 - 2500	ND*
Acetamiprid	54 - 2500	ND*	Metalaxyl	324 - 2500	ND*
Avermectin	324 - 2500	ND*	Methiocarb	54 - 2500	ND*
Azoxystrobin	54 - 2500	ND*	Methomyl	54 - 2500	ND*
Bifenazate	54 - 2500	NA	MGK 264 1	54 - 2500	ND*
Boscalid	324 - 2500	ND*	MGK 264 2	324 - 2500	ND*
Carbaryl	54 - 2500	ND*	Myclobutanil	324 - 2500	ND*
Carbofuran	54 - 2500	ND*	Naled	324 - 2500	ND*
Chlorantraniliprole	54 - 2500	ND*	Oxamyl	54 - 2500	ND*
Chlorpyrifos	324 - 2500	ND*	Paclobutrazol	54 - 2500	ND*
Clofentezine	54 - 2500	ND*	Permethrin	324 - 2500	ND*
Diazinon	54 - 2500	ND*	Phosmet	54 - 2500	ND*
Dichlorvos	324 - 2500	ND*	Prophos	324 - 2500	ND*
Dimethoate	54 - 2500	ND*	Propoxur	324 - 2500	ND*
E-Fenpyroximate	324 - 2500	ND*	Pyridaben	324 - 2500	ND*
Etofenprox	324 - 2500	ND*	Spinosad A	54 - 2500	ND*
Etoxazole	324 - 2500	ND*	Spinosad D	324 - 2500	ND*
Fenoxycarb	54 - 2500	ND*	Spiromesifen	54 - 2500	ND*
Fipronil	324 - 2500	ND*	Spirotetramat	324 - 2500	ND*
Flonicamid	54 - 2500	ND*	Spiroxamine 1	54 - 2500	ND*
Fludioxonil	324 - 2500	ND*	Spiroxamine 2	54 - 2500	ND*
Hexythiazox	324 - 2500	ND*	Tebuconazole	54 - 2500	ND*
Imazalil	324 - 2500	ND*	Thiacloprid	54 - 2500	ND*
Imidacloprid	54 - 2500	ND*	Thiamethoxam	54 - 2500	ND*
Kresoxim-methyl	54 - 2500	ND*	Trifloxystrobin	324 - 2500	ND*

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

N/A

FINAL APPROVAL

 Tyler Wiese
 28-Feb-2020
 12:24 PM
 PREPARED BY / DATE


 Greg Zimpfer
 28-Feb-2020
 1:20 PM
 APPROVED BY / DATE

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NED-B024-1500

Batch ID:	NED-02252020	Test ID:	T000063519
Reported:	1-Mar-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
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
Robert Belfon
1-Mar-2020
3:04 PM
Mike Branvold
1-Mar-2020
3:47 PM

PREPARED BY / DATE

APPROVED BY / DATE

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