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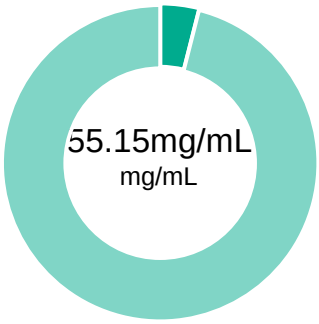
CERTIFICATE OF ANALYSIS

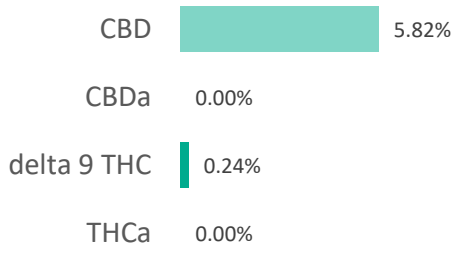
prepared for: NED & CO. LLC
6724 OLDE STAGE RD
BOULDER, CO 80302

NED-B029-1500

Batch ID:	NED-09172020	**Test ID:**	T000097353
Reported:	21-Sep-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)	0.29	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	2.29	2.4
Cannabidiolic acid (CBDA)	0.04	ND	ND
Cannabidiol (CBD)	0.08	55.15	58.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	ND	ND
Cannabinolic Acid (CBNA)	0.40	ND	ND
Cannabinol (CBN)	0.18	ND	ND
Cannabigerolic acid (CBGA)	0.25	ND	ND
Cannabigerol (CBG)	0.14	2.08	2.2
Tetrahydrocannabivarinic Acid (THCVA)	0.25	ND	ND
Tetrahydrocannabivarin (THCV)	0.13	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	0.20	0.2
Cannabichromenic Acid (CBCA)	0.22	ND	ND
Cannabichromene (CBC)	0.26	2.02	2.1
Total Cannabinoids		**61.74**	**65.2**
Total Potential THC**		2.29	2.4
Total Potential CBD**		55.15	58.2

% = % (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 = 0.947523g/mL

N/A

FINAL APPROVAL

Tyler Wiese
21-Sep-2020
4:48 PM
PREPARED BY / DATE

Greg Zimpfer
21-Sep-2020
8:23 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: NED & CO. LLC
6724 OLDE STAGE RD
BOULDER, CO 80302

NED-B029-1500

Batch ID:	NED-09172020	**Test ID:**	T000097354
Reported:	25-Sep-2020	**Method:**	TM20
Type:	Other		
Test:	Trace THC		

TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.688	0.226	2.26
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002 - 1.377	ND**	ND**
Total Potential THC*		0.226	2.26

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

Daniel Weidensaul
25-Sep-2020
5:02 PM

PREPARED BY / DATE

Greg Zimpfer
25-Sep-2020
5:06 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.

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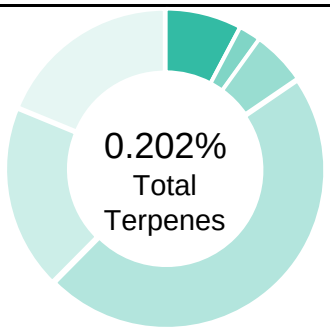
CERTIFICATE OF ANALYSIS

prepared for: NED & CO. LLC
6724 OLDE STAGE RD
BOULDER, CO 80302

NED-B029-1500

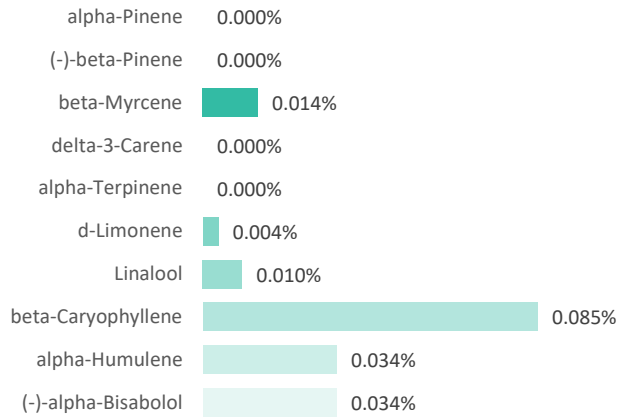
Batch ID:	NED-09172020	**Test ID:**	1547910.006
Reported:	24-Sep-2020	**Method:**	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.034	0.34
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.085	0.85
(-)-Caryophyllene Oxide	0.011	0.11
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.034	0.34
(-)-Isopulegol	0.000	0
d-Limonene	0.004	0.04
Linalool	0.010	0.1
beta-Myrcene	0.014	0.14
cis-Nerolidol	0.000	0
trans-Nerolidol	0.008	0.08
Ocimene	0.000	0
beta-Ocimene	0.001	0.01
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.001	0.01
	0.202%	**2.02**

PREDOMINANT TERPENES



NOTES:
0

FINAL APPROVAL

Ryan Weems
24-Sep-2020
6:08 PM

PREPARED BY / DATE

Ben Minton
24-Sep-2020
6:36 PM

APPROVED BY / DATE

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prepared for: NED & CO. LLC
6724 OLDE STAGE RD
BOULDER, CO 80302

NED-B029-1500

Batch ID:	NED-09172020	**Test ID:**	T000097355
Reported:	24-Sep-2020	**Method:**	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	71 - 1427	*ND
Butanes (Isobutane, n-Butane)	154 - 3081	*ND
Methanol	64 - 1286	*ND
Pentane	93 - 1852	*ND
Ethanol	90 - 1798	135
Acetone	105 - 2102	*ND
Isopropyl Alcohol	110 - 2195	*ND
Hexane	7 - 133	*ND
Ethyl Acetate	104 - 2073	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	98 - 1969	*ND
Toluene	19 - 379	*ND
Xylenes (m,p,o-Xylenes)	142 - 2833	*ND

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

NOTES:
N/A

FINAL APPROVAL

Ryan Weems
24-Sep-2020
3:21 PM
PREPARED BY / DATE

Ben Minton
24-Sep-2020
3:26 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: NED & CO. LLC
6724 OLDE STAGE RD
BOULDER, CO 80302

NED-B029-1500

Batch ID:	NED-09172020	**Test ID:**	T000097358
Reported:	23-Sep-2020	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	37 - 2328	ND*
Acetamiprid	38 - 2328	ND*
Abamectin	>245	ND*
Azoxystrobin	41 - 2328	ND*
Bifenazate	44 - 2328	ND*
Boscalid	39 - 2328	ND*
Carbaryl	37 - 2328	ND*
Carbofuran	37 - 2328	ND*
Chlorantraniliprole	40 - 2328	ND*
Chlorpyrifos	44 - 2328	ND*
Clofentezine	270 - 2328	ND*
Diazinon	273 - 2328	ND*
Dichlorvos	>263	ND*
Dimethoate	36 - 2328	ND*
E-Fenpyroximate	271 - 2328	ND*
Etofenprox	42 - 2328	ND*
Etoxazole	277 - 2328	ND*
Fenoxycarb	>38	ND*
Fipronil	49 - 2328	ND*
Flonicamid	52 - 2328	ND*
Fludioxonil	>267	ND*
Hexythiazox	41 - 2328	ND*
Imazalil	288 - 2328	ND*
Imidacloprid	43 - 2328	ND*
Kresoxim-methyl	48 - 2328	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	294 - 2328	ND*
Metalaxyl	43 - 2328	ND*
Methiocarb	35 - 2328	ND*
Methomyl	39 - 2328	ND*
MGK 264 1	159 - 2328	ND*
MGK 264 2	118 - 2328	ND*
Myclobutanil	39 - 2328	ND*
Naled	44 - 2328	ND*
Oxamyl	40 - 2328	ND*
Paclobutrazol	42 - 2328	ND*
Permethrin	289 - 2328	ND*
Phosmet	39 - 2328	ND*
Prophos	255 - 2328	ND*
Propoxur	39 - 2328	ND*
Pyridaben	281 - 2328	ND*
Spinosad A	28 - 2328	ND*
Spinosad D	80 - 2328	ND*
Spiromesifen	>270	ND*
Spirotetramat	>291	ND*
Spiroxamine 1	17 - 2328	ND*
Spiroxamine 2	20 - 2328	ND*
Tebuconazole	290 - 2328	ND*
Thiacloprid	39 - 2328	ND*
Thiamethoxam	38 - 2328	ND*
Trifloxystrobin	40 - 2328	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
23-Sep-2020
2:20 PM

PREPARED BY / DATE

Ben Minton
23-Sep-2020
3:11 PM

APPROVED BY / DATE

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prepared for: NED & CO. LLC
6724 OLDE STAGE RD
BOULDER, CO 80302

NED-B029-1500

Batch ID:	NED-09172020	**Test ID:**	T000097356
Reported:	25-Sep-2020	**Method:**	TM24, TM25, TM26, TM27, TM28
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
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

Tori King
25-Sep-2020
2:18 PM
PREPARED BY / DATE

Greg Zimpfer
25-Sep-2020
4:55 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: NED & CO. LLC
6724 OLDE STAGE RD
BOULDER, CO 80302

NED-B029-1500

Batch ID:	NED-09172020	**Test ID:**	T000097359
Reported:	23-Sep-2020	**Method:**	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.070 - 7.02	ND
Cadmium	0.073 - 7.29	ND
Mercury	0.070 - 6.99	ND
Lead	0.096 - 9.60	ND

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

FINAL APPROVAL

Ryan Weems
23-Sep-2020
2:19 PM

PREPARED BY / DATE

Greg Zimpfer
23-Sep-2020
4:02 PM

APPROVED BY / DATE

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