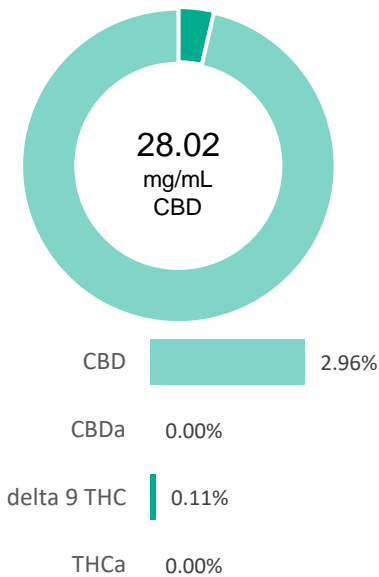


**NED-B031-750**

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122010
<b>Type:</b>	Solution	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Potency	<b>Started:</b>	2/1/2021
<b>Method:</b>	TM14	<b>Reported:</b>	2/3/2021

**CANNABINOID PROFILE**


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.11	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.13	1.06	1.1
Cannabidiolic acid (CBDA)	0.13	ND	ND
Cannabidiol (CBD)	0.13	28.02	29.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.14	ND	ND
Cannabinolic Acid (CBNA)	0.08	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.12	ND	ND
Cannabigerol (CBG)	0.03	1.49	1.6
Tetrahydrocannabivarinic Acid (THCVA)	0.10	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.06	ND	ND
Cannabidivarin (CBDV)	0.03	0.10	0.1
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.05	1.17	1.2
<b>Total Cannabinoids</b>		<b>31.84</b>	<b>33.6</b>
<b>Total Potential THC**</b>		<b>1.06</b>	<b>1.1</b>
<b>Total Potential CBD**</b>		<b>28.02</b>	<b>29.6</b>

**NOTES:**

Density = 0.94792g/mL

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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

**FINAL APPROVAL**

 Tyler Wiese 3-Feb-2021 4:34 PM	 Greg Zimpfer 3-Feb-2021 5:08 PM
--	--

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

NED-B031-750

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122011
<b>Type:</b>	Other	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Trace THC	<b>Started:</b>	2/5/2021
<b>Method:</b>	TM20	<b>Reported:</b>	2/8/2021

## TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0 - 0.691	0.120	1.20
Delta 9-Tetrahydrocannabinolic acid (THCa-A)	0.001 - 1.384	ND**	ND**
Total Potential THC*		0.120	1.20

## 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  
8-Feb-2021  
7:07 PM  
Ben Minton  
8-Feb-2021  
7:19 PM

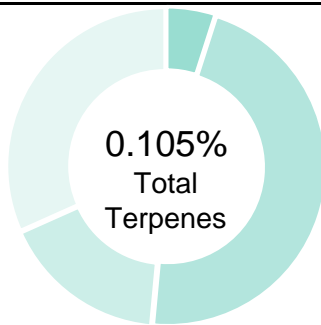
PREPARED BY / DATE

APPROVED BY / DATE

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**NED-B031-750**

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122012
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Terpenes	<b>Started:</b>	2/2/2021
<b>Method:</b>	TM22	<b>Reported:</b>	2/4/2021

**TERPENE PROFILE**



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.032	0.32
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.047	0.47
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.017	0.17
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.005	0.05
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.004	0.04
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
	<b>0.105%</b>	<b>1.05</b>

**PREDOMINANT TERPENES**

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.005%
beta-Caryophyllene	0.047%
alpha-Humulene	0.017%
(-)-alpha-Bisabolol	0.032%

 NOTES:  
 0

**FINAL APPROVAL**

 Michele Gagnon 4-Feb-2021 2:35 PM	 Greg Zimpfer 4-Feb-2021 3:11 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

**NED-B031-750**


<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122016
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	2/4/2021
<b>Method:</b>	TM04	<b>Reported:</b>	2/4/2021

**RESIDUAL SOLVENTS**


Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	123 - 2455	*ND
<b>Butanes</b> (Isobutane, n-Butane)	228 - 4565	*ND
<b>Methanol</b>	64 - 1279	*ND
<b>Pentane</b>	109 - 2183	*ND
<b>Ethanol</b>	112 - 2237	*ND
<b>Acetone</b>	105 - 2094	*ND
<b>Isopropyl Alcohol</b>	110 - 2202	*ND
<b>Hexane</b>	6 - 127	*ND
<b>Ethyl Acetate</b>	108 - 2153	*ND
<b>Benzene</b>	0.2 - 4.1	*ND
<b>Heptanes</b>	107 - 2138	*ND
<b>Toluene</b>	19 - 384	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	142 - 2841	*ND

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

 NOTES:  
 N/A

**FINAL APPROVAL**

 Daniel Weidensaul  
 4-Feb-2021  
 5:22 PM

PREPARED BY / DATE


 Ben Minton  
 4-Feb-2021  
 5:52 PM

APPROVED BY / DATE

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Certificate #4329.02

**NED-B031-750**


<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122013
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	2/8/2021
<b>Method:</b>	TM17	<b>Reported:</b>	2/9/2021

**PESTICIDE RESIDUE**


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	49 - 2358	ND*	Malathion	288 - 2358	ND*
Acetamiprid	44 - 2358	ND*	Metalaxyl	44 - 2358	ND*
Abamectin	>333	ND*	Methiocarb	41 - 2358	ND*
Azoxystrobin	44 - 2358	ND*	Methomyl	47 - 2358	ND*
Bifenazate	63 - 2358	ND*	MGK 264 1	179 - 2358	ND*
Boscalid	55 - 2358	ND*	MGK 264 2	126 - 2358	ND*
Carbaryl	39 - 2358	ND*	Myclobutanil	8 - 2358	ND*
Carbofuran	40 - 2358	ND*	Naled	48 - 2358	ND*
Chlorantraniliprole	50 - 2358	ND*	Oxamyl	50 - 2358	ND*
Chlorpyrifos	62 - 2358	ND*	Paclobutrazol	44 - 2358	ND*
Clofentezine	292 - 2358	ND*	Permethrin	419 - 2358	ND*
Diazinon	291 - 2358	ND*	Phosmet	43 - 2358	ND*
Dichlorvos	>335	ND*	Prophos	276 - 2358	ND*
Dimethoate	50 - 2358	ND*	Propoxur	43 - 2358	ND*
E-Fenpyroximate	272 - 2358	ND*	Pyridaben	256 - 2358	ND*
Etofenprox	55 - 2358	ND*	Spinosad A	26 - 2358	ND*
Etoxazole	262 - 2358	ND*	Spinosad D	86 - 2358	ND*
Fenoxycarb	>43	ND*	Spiromesifen	>274	ND*
Fipronil	52 - 2358	ND*	Spirotetramat	>296	ND*
Flonicamid	48 - 2358	ND*	Spiroxamine 1	19 - 2358	ND*
Fludioxonil	>299	ND*	Spiroxamine 2	25 - 2358	ND*
Hexythiazox	46 - 2358	ND*	Tebuconazole	286 - 2358	ND*
Imazalil	273 - 2358	ND*	Thiacloprid	42 - 2358	ND*
Imidacloprid	57 - 2358	ND*	Thiamethoxam	45 - 2358	ND*
Kresoxim-methyl	50 - 2358	ND*	Trifloxystrobin	37 - 2358	ND*

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

N/A

**FINAL APPROVAL**

 Tyler Wiese  
 9-Feb-2021  
 2:05 PM

PREPARED BY / DATE


 Ben Minton  
 9-Feb-2021  
 7:46 PM

APPROVED BY / DATE

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NED-B031-750

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122014
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	2/3/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	2/6/2021

**MICROBIAL CONTAMINANTS**

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	Absent
<b>E. coli (STEC)</b>	None Detected
<b>Salmonella</b>	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**  
Nick Tumminaro  
6-Feb-2021  
1:44 PM  
Greg Zimpfer  
6-Feb-2021  
3:48 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

NED-B031-750

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122015
<b>Type:</b>	Other	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Metals	<b>Started:</b>	2/5/2021
<b>Method:</b>	TM19	<b>Reported:</b>	2/8/2021

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.062 - 6.25	ND
Cadmium	0.065 - 6.47	ND
Mercury	0.066 - 6.63	ND
Lead	0.066 - 6.59	ND

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

## FINAL APPROVAL

Daniel Weidensaul  
8-Feb-2021  
1:41 PMBen Minton  
8-Feb-2021  
7:08 PM

PREPARED BY / DATE

APPROVED BY / DATE

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