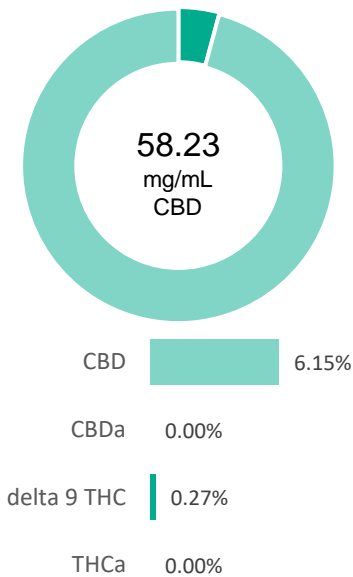


**NED-B031-1500**

<b>Batch ID:</b>	NED-01202021	<b>Test ID:</b>	T000120898
<b>Type:</b>	Solution	<b>Submitted:</b>	01/25/2021 @ 12:22 PM
<b>Test:</b>	Potency	<b>Started:</b>	1/26/2021
<b>Method:</b>	TM14	<b>Reported:</b>	1/27/2021

**CANNABINOID PROFILE**


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.14	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.16	2.55	2.7
Cannabidiolic acid (CBDA)	0.12	ND	ND
Cannabidiol (CBD)	0.12	58.23	61.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.18	ND	ND
Cannabinolic Acid (CBNA)	0.10	ND	ND
Cannabinol (CBN)	0.05	ND	ND
Cannabigerolic acid (CBGA)	0.15	ND	ND
Cannabigerol (CBG)	0.04	3.65	3.9
Tetrahydrocannabivarinic Acid (THCVA)	0.12	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.05	ND	ND
Cannabidivarin (CBDV)	0.03	0.23	0.2
Cannabichromenic Acid (CBCA)	0.06	ND	ND
Cannabichromene (CBC)	0.06	2.51	2.6
<b>Total Cannabinoids</b>		<b>67.17</b>	<b>70.9</b>
<b>Total Potential THC**</b>		<b>2.55</b>	<b>2.7</b>
<b>Total Potential CBD**</b>		<b>58.23</b>	<b>61.5</b>

**NOTES:**

Density = 0.947523g/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**

 <b>Daniel Weidensaul</b> 27-Jan-2021 1:08 PM	 <b>Ben Minton</b> 27-Jan-2021 2:11 PM
--	--

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

NED-B031-1500

<b>Batch ID:</b>	NED-01202021	<b>Test ID:</b>	T000120899
<b>Type:</b>	Other	<b>Submitted:</b>	01/25/2021 @ 12:22 PM
<b>Test:</b>	Trace THC	<b>Started:</b>	1/26/2021
<b>Method:</b>	TM20	<b>Reported:</b>	1/27/2021

## TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0 - 0.683	0.068	0.68
Delta 9-Tetrahydrocannabinolic acid (THCa-A)	0.001 - 1.367	ND**	ND**
Total Potential THC*		0.068	0.68

% = % (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)

## NOTES:

N/A

## FINAL APPROVAL

Daniel Weidensaul  
27-Jan-2021  
1:46 PMGreg Zimpfer  
27-Jan-2021  
1:55 PM

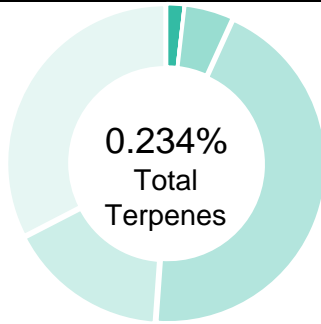
PREPARED BY / DATE

APPROVED BY / DATE

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**NED-B031-1500**

<b>Batch ID:</b>	NED-01202021	<b>Test ID:</b>	t000120900
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/25/2021 @ 12:22 PM
<b>Test:</b>	Terpenes	<b>Started:</b>	1/26/2021
<b>Method:</b>	TM22	<b>Reported:</b>	1/27/2021

**TERPENE PROFILE**




Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.072	0.72
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.098	0.98
(-)-Caryophyllene Oxide	0.004	0.04
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.036	0.36
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.011	0.11
beta-Myrcene	0.004	0.04
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	0.000	0
<b>Total</b>	<b>0.234%</b>	<b>2.34</b>

**PREDOMINANT TERPENES**

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.004%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.011%
beta-Caryophyllene	0.098%
alpha-Humulene	0.036%
(-)-alpha-Bisabolol	0.072%

 NOTES:  
 0

**FINAL APPROVAL**

 Daniel Weidensaul 27-Jan-2021 12:08 PM	 Ben Minton 27-Jan-2021 2:17 PM
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NED-B031-1500

<b>Batch ID:</b>	NED-01202021	<b>Test ID:</b>	T000120904
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/25/2021 @ 12:22 PM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	1/28/2021
<b>Method:</b>	TM04	<b>Reported:</b>	1/29/2021


## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	104 - 2080	*ND
Butanes (Isobutane, n-Butane)	200 - 4007	*ND
Methanol	63 - 1254	*ND
Pentane	100 - 1998	*ND
Ethanol	111 - 2215	*ND
Acetone	102 - 2037	*ND
Isopropyl Alcohol	111 - 2220	*ND
Hexane	6 - 120	*ND
Ethyl Acetate	105 - 2100	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	100 - 2002	*ND
Toluene	19 - 386	*ND
Xylenes (m,p,o-Xylenes)	147 - 2944	*ND


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

NOTES:  
N/A

## FINAL APPROVAL

  
Ryan Weems  
29-Jan-2021  
10:01 AM

PREPARED BY / DATE

  
Ben Minton  
29-Jan-2021  
2:55 PM

APPROVED BY / DATE

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Certificate #4329.02

**NED-B031-1500**


<b>Batch ID:</b>	NED-01202021	<b>Test ID:</b>	T000120901
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/25/2021 @ 12:22 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	1/26/2021
<b>Method:</b>	TM17	<b>Reported:</b>	1/27/2021

**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	43 - 2500	ND*	Malathion	304 - 2500	ND*
Acetamiprid	43 - 2500	ND*	Metalaxyl	48 - 2500	ND*
Abamectin	>312	ND*	Methiocarb	46 - 2500	ND*
Azoxystrobin	45 - 2500	ND*	Methomyl	46 - 2500	ND*
Bifenazate	37 - 2500	ND*	MGK 264 1	181 - 2500	ND*
Boscalid	49 - 2500	ND*	MGK 264 2	123 - 2500	ND*
Carbaryl	44 - 2500	ND*	Myclobutanil	43 - 2500	ND*
Carbofuran	42 - 2500	ND*	Naled	51 - 2500	ND*
Chlorantraniliprole	44 - 2500	ND*	Oxamyl	46 - 2500	ND*
Chlorpyrifos	58 - 2500	ND*	Paclobutrazol	44 - 2500	ND*
Clofentezine	303 - 2500	ND*	Permethrin	313 - 2500	ND*
Diazinon	305 - 2500	ND*	Phosmet	46 - 2500	ND*
Dichlorvos	>289	ND*	Prophos	302 - 2500	ND*
Dimethoate	45 - 2500	ND*	Propoxur	45 - 2500	ND*
E-Fenpyroximate	300 - 2500	ND*	Pyridaben	298 - 2500	ND*
Etofenprox	41 - 2500	ND*	Spinosad A	30 - 2500	ND*
Etoxazole	296 - 2500	ND*	Spinosad D	81 - 2500	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>280	ND*
Fipronil	28 - 2500	ND*	Spirotetramat	>302	ND*
Flonicamid	53 - 2500	ND*	Spiroxamine 1	21 - 2500	ND*
Fludioxonil	>318	ND*	Spiroxamine 2	24 - 2500	ND*
Hexythiazox	44 - 2500	ND*	Tebuconazole	295 - 2500	ND*
Imazalil	294 - 2500	ND*	Thiacloprid	46 - 2500	ND*
Imidacloprid	47 - 2500	ND*	Thiamethoxam	47 - 2500	ND*
Kresoxim-methyl	51 - 2500	ND*	Trifloxystrobin	44 - 2500	ND*

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

N/A

**FINAL APPROVAL**

 Tyler Wiese  
 27-Jan-2021  
 2:12 PM

PREPARED BY / DATE


 Ben Minton  
 27-Jan-2021  
 2:26 PM

APPROVED BY / DATE

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NED-B031-1500

<b>Batch ID:</b>	NED-01202021	<b>Test ID:</b>	T000120902
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/25/2021 @ 12:22 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	1/27/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	1/30/2021

## 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

  
Robert Belfon  
30-Jan-2021  
3:45 PM  
Ben Minton  
30-Jan-2021  
6:40 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

NED-B031-1500


<b>Batch ID:</b>	NED-01202021	<b>Test ID:</b>	T000120903
<b>Type:</b>	Other	<b>Submitted:</b>	01/25/2021 @ 12:22 PM
<b>Test:</b>	Metals	<b>Started:</b>	1/28/2021
<b>Method:</b>	TM19	<b>Reported:</b>	2/1/2021

## HEAVY METALS


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.065 - 6.53	ND
Cadmium	0.066 - 6.58	ND
Mercury	0.068 - 6.85	ND
Lead	0.063 - 6.34	ND

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

## FINAL APPROVAL

  
Ryan Weems  
1-Feb-2021  
2:19 PM

PREPARED BY / DATE

  
Ben Minton  
1-Feb-2021  
3:37 PM

APPROVED BY / DATE

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