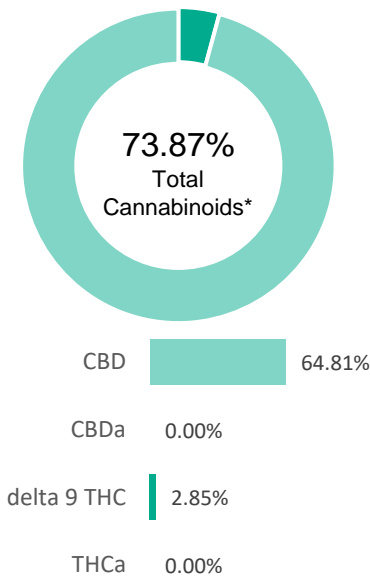


**HE-SS1R850**

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122024
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/01/2021 @ 12:24 PM
<b>Test:</b>	Potency	<b>Started:</b>	2/3/2021
<b>Method:</b>	TM14	<b>Reported:</b>	2/5/2021

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.15	2.85	28.5
Cannabidiolic acid (CBDA)	0.12	ND	ND
Cannabidiol (CBD)	0.12	64.81	648.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.17	ND	ND
Cannabinolic Acid (CBNA)	0.10	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.14	ND	ND
Cannabigerol (CBG)	0.03	3.42	34.2
Tetrahydrocannabivarinic Acid (THCVA)	0.12	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.05	ND	ND
Cannabidivarin (CBDV)	0.03	0.29	2.9
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	2.50	25.0
<b>Total Cannabinoids</b>		<b>73.87</b>	<b>738.7</b>
<b>Total Potential THC**</b>		<b>2.85</b>	<b>28.5</b>
<b>Total Potential CBD**</b>		<b>64.81</b>	<b>648.1</b>

% = % (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:**  
 N/A

**FINAL APPROVAL**

 Daniel Weidensaul 5-Feb-2021 3:27 PM	 Ben Minton 5-Feb-2021 3:37 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

HE-SS1R850

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122025
<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 - 0.669	ALOQ***	ALOQ***
Delta 9-Tetrahydrocannabinolic acid (THCa-A)	0.001 - 1.338	ND**	ND**
Total Potential THC*		ALOQ***	ALOQ***

## 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 PMBen Minton  
8-Feb-2021  
7:19 PM

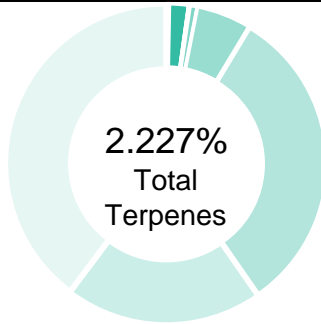
PREPARED BY / DATE

APPROVED BY / DATE

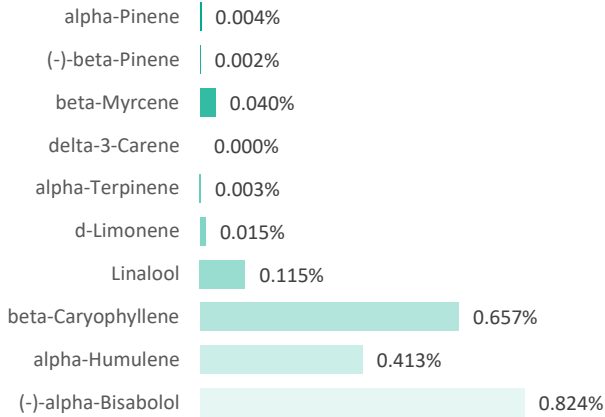
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**HE-SS1R850**



<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122026
<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	0.824	8.24
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.657	6.57
(-)-Caryophyllene Oxide	0.042	0.42
p-Cymene	0.000	0
Eucalyptol	0.001	0.01
Geraniol	0.000	0
alpha-Humulene	0.413	4.13
(-)-Isopulegol	0.000	0
d-Limonene	0.015	0.15
Linalool	0.115	1.15
beta-Myrcene	0.040	0.4
cis-Nerolidol	0.000	0
trans-Nerolidol	0.097	0.97
Ocimene	0.000	0
beta-Ocimene	0.010	0.1
alpha-Pinene	0.004	0.04
(-)-beta-Pinene	0.002	0.02
alpha-Terpinene	0.003	0.03
gamma-Terpinene	0.002	0.02
Terpinolene	0.002	0.02
<b>Total</b>	<b>2.227%</b>	<b>22.27</b>

**PREDOMINANT TERPENES**

 NOTES:  
 0

**FINAL APPROVAL**

 Michele Gagnon 4-Feb-2021 2:35 PM	 Greg Zimpfer 4-Feb-2021 3:11 PM
--	--

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

HE-SS1R850

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122030
<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)
Propane	113 - 2257	*ND
Butanes (Isobutane, n-Butane)	210 - 4197	*ND
Methanol	59 - 1176	*ND
Pentane	100 - 2007	*ND
Ethanol	103 - 2056	1134
Acetone	96 - 1925	*ND
Isopropyl Alcohol	101 - 2024	*ND
Hexane	6 - 117	*ND
Ethyl Acetate	99 - 1979	508
Benzene	0.2 - 3.7	*ND
Heptanes	98 - 1965	*ND
Toluene	18 - 353	*ND
Xylenes (m,p,o-Xylenes)	131 - 2611	*ND

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

NOTES:  
N/A

## FINAL APPROVAL

Daniel Weidensaul  
4-Feb-2021  
5:22 PMBen Minton  
4-Feb-2021  
5:52 PM

PREPARED BY / DATE

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Certificate #4329.02

**HE-SS1R850**


<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122027
<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	50 - 2394	ND*	Malathion	292 - 2394	ND*
Acetamiprid	45 - 2394	ND*	Metalaxyl	44 - 2394	ND*
Abamectin	>338	ND*	Methiocarb	42 - 2394	ND*
Azoxystrobin	45 - 2394	ND*	Methomyl	48 - 2394	ND*
Bifenazate	64 - 2394	ND*	MGK 264 1	182 - 2394	ND*
Boscalid	55 - 2394	ND*	MGK 264 2	128 - 2394	ND*
Carbaryl	40 - 2394	ND*	Myclobutanil	8 - 2394	ND*
Carbofuran	41 - 2394	ND*	Naled	49 - 2394	ND*
Chlorantraniliprole	50 - 2394	ND*	Oxamyl	51 - 2394	ND*
Chlorpyrifos	63 - 2394	ND*	Paclobutrazol	45 - 2394	ND*
Clofentezine	296 - 2394	ND*	Permethrin	425 - 2394	ND*
Diazinon	296 - 2394	ND*	Phosmet	43 - 2394	ND*
Dichlorvos	>340	ND*	Prophos	281 - 2394	ND*
Dimethoate	51 - 2394	ND*	Propoxur	44 - 2394	ND*
E-Fenpyroximate	276 - 2394	ND*	Pyridaben	259 - 2394	ND*
Etofenprox	56 - 2394	ND*	Spinosad A	26 - 2394	ND*
Etoxazole	266 - 2394	ND*	Spinosad D	87 - 2394	ND*
Fenoxycarb	>44	ND*	Spiromesifen	>278	ND*
Fipronil	53 - 2394	ND*	Spirotetramat	>301	ND*
Flonicamid	49 - 2394	ND*	Spiroxamine 1	19 - 2394	ND*
Fludioxonil	>303	ND*	Spiroxamine 2	25 - 2394	ND*
Hexythiazox	47 - 2394	ND*	Tebuconazole	290 - 2394	ND*
Imazalil	277 - 2394	ND*	Thiacloprid	43 - 2394	ND*
Imidacloprid	58 - 2394	ND*	Thiamethoxam	46 - 2394	ND*
Kresoxim-methyl	51 - 2394	ND*	Trifloxystrobin	38 - 2394	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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HE-SS1R850

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122028
<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

HE-SS1R850

<b>Batch ID:</b>	NED-01292021	<b>Test ID:</b>	T000122029
<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	0.076 - 7.56	ND
Cadmium	0.078 - 7.82	ND
Mercury	0.080 - 8.01	ND
Lead	0.080 - 7.98	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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