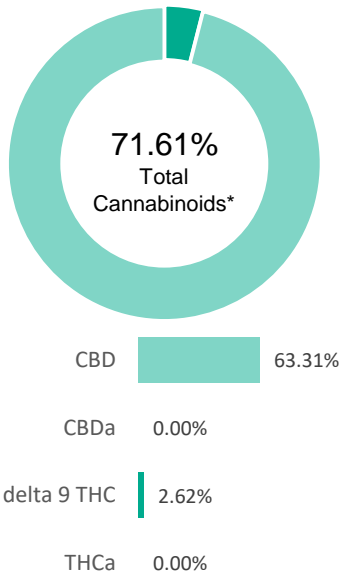


HE-SS2R851

Batch ID:	NED-01042021	Test ID:	T000118052
Type:	Concentrate	Submitted:	01/07/2021 @ 11:47 AM
Test:	Potency	Started:	1/11/2021
Method:	TM14	Reported:	1/12/2021

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.09	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	2.62	26.2
Cannabidiolic acid (CBDA)	0.16	ND	ND
Cannabidiol (CBD)	0.15	63.31	633.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	ND	ND
Cannabinolic Acid (CBNA)	0.06	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.09	ND	ND
Cannabigerol (CBG)	0.02	2.60	26.0
Tetrahydrocannabivarinic Acid (THCVA)	0.08	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.07	ND	ND
Cannabidivarin (CBDV)	0.04	0.24	2.4
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.04	2.84	28.4
Total Cannabinoids		71.61	716.1
Total Potential THC**		2.62	26.2
Total Potential CBD**		63.31	633.1

NOTES:
 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 12-Jan-2021 1:33 PM	 Ben Minton 12-Jan-2021 6:51 PM
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APPROVED BY / DATE

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HE-SS2R851

Batch ID:	NED-01042021	Test ID:	T000118053
Type:	Other	Submitted:	01/07/2021 @ 11:47 AM
Test:	Trace THC	Started:	1/7/2021
Method:	TM20	Reported:	1/11/2021

TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.668	ALOQ***	ALOQ***
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002 - 1.336	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

Tyler Wiese
11-Jan-2021
3:17 PMBen Minton
11-Jan-2021
3:49 PM

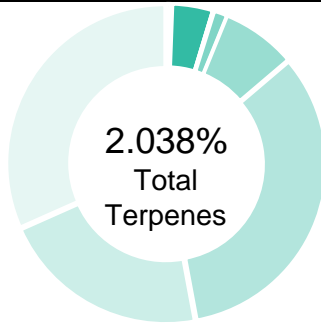
PREPARED BY / DATE

APPROVED BY / DATE

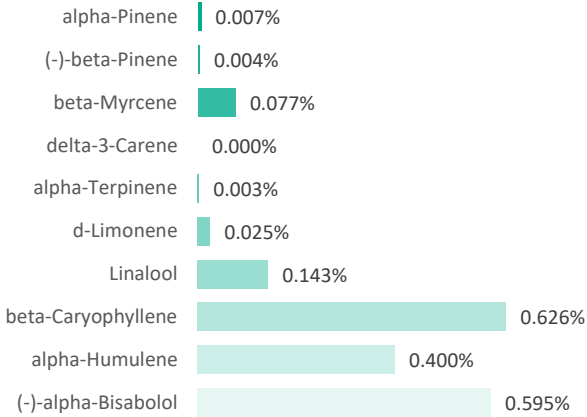
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HE-SS2R851


Batch ID:	NED-01042021	Test ID:	T000118056
Type:	Concentrate	Submitted:	01/07/2021 @ 11:47 AM
Test:	Terpenes	Started:	1/13/2021
Method:	TM22	Reported:	1/14/2021

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.595	5.95
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.626	6.26
(-)-Caryophyllene Oxide	0.046	0.46
p-Cymene	0.000	0
Eucalyptol	0.001	0.01
Geraniol	0.000	0
alpha-Humulene	0.400	4
(-)-Isopulegol	0.000	0
d-Limonene	0.025	0.25
Linalool	0.143	1.43
beta-Myrcene	0.077	0.77
cis-Nerolidol	0.000	0
trans-Nerolidol	0.089	0.89
Ocimene	0.001	0.01
beta-Ocimene	0.015	0.15
alpha-Pinene	0.007	0.07
(-)-beta-Pinene	0.004	0.04
alpha-Terpinene	0.003	0.03
gamma-Terpinene	0.003	0.03
Terpinolene	0.003	0.03
	2.038%	20.38

PREDOMINANT TERPENES

 NOTES:
 0

FINAL APPROVAL

 Ryan Weems 14-Jan-2021 5:59 PM	 Ben Minton 14-Jan-2021 6:02 PM
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Certificate #4329.02

HE-SS2R851

Batch ID:	NED-01042021	Test ID:	T000118054
Type:	Concentrate	Submitted:	01/07/2021 @ 11:47 AM
Test:	Residual Solvents	Started:	1/12/2021
Method:	TM04	Reported:	1/12/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	124 - 2489	*ND
Butanes (Isobutane, n-Butane)	231 - 4617	*ND
Methanol	62 - 1250	*ND
Pentane	111 - 2210	*ND
Ethanol	109 - 2176	>2176
Acetone	104 - 2071	*ND
Isopropyl Alcohol	108 - 2168	*ND
Hexane	6 - 127	*ND
Ethyl Acetate	103 - 2062	1205
Benzene	0.2 - 3.9	*ND
Heptanes	104 - 2079	*ND
Toluene	18 - 369	*ND
Xylenes (m,p,o-Xylenes)	135 - 2705	*ND

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

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
12-Jan-2021
2:41 PMGreg Zimpfer
12-Jan-2021
4:56 PM

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Certificate #4329.02

HE-SS2R851


Batch ID:	NED-01042021	Test ID:	T000118057
Type:	Concentrate	Submitted:	01/07/2021 @ 11:47 AM
Test:	Pesticides	Started:	1/7/2021
Method:	TM17	Reported:	1/8/2021


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	46 - 2373	ND*	Malathion	279 - 2373	ND*
Acetamiprid	39 - 2373	ND*	Metalaxyl	37 - 2373	ND*
Abamectin	>307	ND*	Methiocarb	45 - 2373	ND*
Azoxystrobin	40 - 2373	ND*	Methomyl	46 - 2373	ND*
Bifenazate	36 - 2373	ND*	MGK 264 1	163 - 2373	ND*
Boscalid	39 - 2373	ND*	MGK 264 2	112 - 2373	ND*
Carbaryl	42 - 2373	ND*	Myclobutanil	41 - 2373	ND*
Carbofuran	41 - 2373	ND*	Naled	47 - 2373	ND*
Chlorantraniliprole	49 - 2373	ND*	Oxamyl	46 - 2373	ND*
Chlorpyrifos	43 - 2373	ND*	Paclobutrazol	44 - 2373	ND*
Clofentezine	277 - 2373	ND*	Permethrin	248 - 2373	ND*
Diazinon	272 - 2373	ND*	Phosmet	42 - 2373	ND*
Dichlorvos	>283	ND*	Prophos	268 - 2373	ND*
Dimethoate	42 - 2373	ND*	Propoxur	42 - 2373	ND*
E-Fenpyroximate	266 - 2373	ND*	Pyridaben	259 - 2373	ND*
Etofenprox	39 - 2373	ND*	Spinosad A	30 - 2373	ND*
Etoxazole	269 - 2373	ND*	Spinosad D	76 - 2373	ND*
Fenoxycarb	>37	ND*	Spiromesifen	>265	ND*
Fipronil	74 - 2373	ND*	Spirotetramat	>263	ND*
Flonicamid	31 - 2373	ND*	Spiroxamine 1	19 - 2373	ND*
Fludioxonil	>319	ND*	Spiroxamine 2	25 - 2373	ND*
Hexythiazox	41 - 2373	ND*	Tebuconazole	257 - 2373	ND*
Imazalil	256 - 2373	ND*	Thiacloprid	43 - 2373	ND*
Imidacloprid	40 - 2373	ND*	Thiamethoxam	50 - 2373	ND*
Kresoxim-methyl	47 - 2373	ND*	Trifloxystrobin	41 - 2373	ND*

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

N/A

FINAL APPROVAL

Sam Smith
 8-Jan-2021
 10:25 AM


Ben Minton
 8-Jan-2021
 12:26 PM

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HE-SS2R851

Batch ID:	NED-01042021	Test ID:	T000118055
Type:	Concentrate	Submitted:	01/07/2021 @ 11:47 AM
Test:	Microbial Contaminants	Started:	1/8/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	1/11/2021

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
E. coli (STEC)	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
11-Jan-2021
4:10 PM
Greg Zimpfer
11-Jan-2021
4:59 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

HE-SS2R851

Batch ID:	NED-01042021	Test ID:	T000118058
Type:	Other	Submitted:	01/07/2021 @ 11:47 AM
Test:	Metals	Started:	1/12/2021
Method:	TM19	Reported:	1/13/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.064 - 6.42	ND
Cadmium	0.065 - 6.46	ND
Mercury	0.066 - 6.63	ND
Lead	0.065 - 6.50	ND

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

FINAL APPROVAL

Daniel Weidensaul
13-Jan-2021
9:37 AMGreg Zimpfer
13-Jan-2021
1:29 PM

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