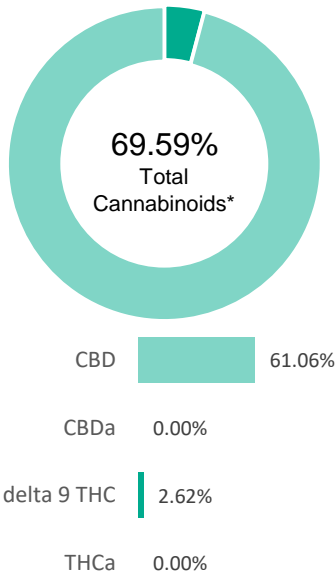


HE-EK1R849

Batch ID:	NED-01042021	Test ID:	T000118038
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	61.06	610.6
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	3.19	31.9
Tetrahydrocannabivarinic Acid (THCVA)	0.08	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.07	ND	ND
Cannabidivarin (CBDV)	0.04	0.25	2.5
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.04	2.47	24.7
Total Cannabinoids		69.59	695.9
Total Potential THC**		2.62	26.2
Total Potential CBD**		61.06	610.6

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-EK1R849

Batch ID:	NED-01042021	Test ID:	T000118039
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 - 0.692	ALOQ***	ALOQ***
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002 - 1.386	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

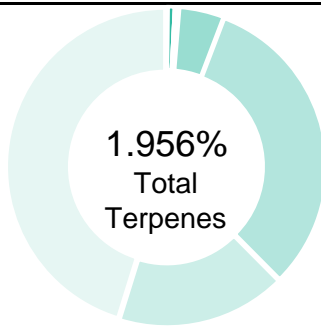
PREPARED BY / DATE

APPROVED BY / DATE

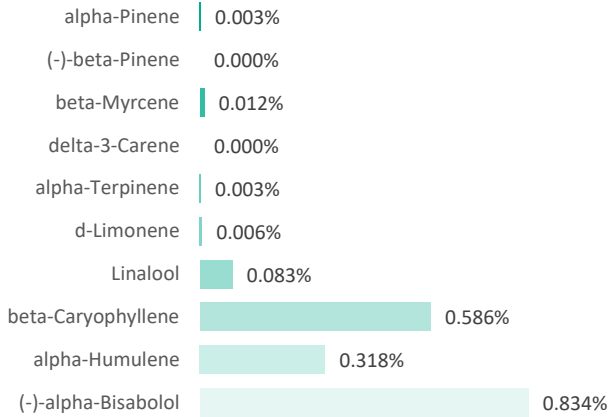
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HE-EK1R849

Batch ID:	NED-01042021	Test ID:	T000118042
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	0.834	8.34
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.586	5.86
(-)-Caryophyllene Oxide	0.032	0.32
p-Cymene	0.000	0
Eucalyptol	0.002	0.02
Geraniol	0.000	0
alpha-Humulene	0.318	3.18
(-)-Isopulegol	0.000	0
d-Limonene	0.006	0.06
Linalool	0.083	0.83
beta-Myrcene	0.012	0.12
cis-Nerolidol	0.000	0
trans-Nerolidol	0.070	0.7
Ocimene	0.000	0
beta-Ocimene	0.002	0.02
alpha-Pinene	0.003	0.03
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.003	0.03
gamma-Terpinene	0.003	0.03
Terpinolene	0.002	0.02
	1.956%	19.56

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-EK1R849

Batch ID:	NED-01042021	Test ID:	T000118040
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	116 - 2323	*ND
Butanes (Isobutane, n-Butane)	215 - 4308	*ND
Methanol	58 - 1166	*ND
Pentane	103 - 2062	*ND
Ethanol	102 - 2031	2010
Acetone	97 - 1932	*ND
Isopropyl Alcohol	101 - 2023	*ND
Hexane	6 - 119	*ND
Ethyl Acetate	96 - 1924	524
Benzene	0.2 - 3.7	*ND
Heptanes	97 - 1940	*ND
Toluene	17 - 344	*ND
Xylenes (m,p,o-Xylenes)	126 - 2523	*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-EK1R849


Batch ID:	NED-01042021	Test ID:	T000118043
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	49 - 2557	ND*	Malathion	301 - 2557	ND*
Acetamiprid	42 - 2557	ND*	Metalaxyl	40 - 2557	ND*
Abamectin	>331	ND*	Methiocarb	49 - 2557	ND*
Azoxystrobin	43 - 2557	ND*	Methomyl	50 - 2557	ND*
Bifenazate	39 - 2557	ND*	MGK 264 1	176 - 2557	ND*
Boscalid	42 - 2557	ND*	MGK 264 2	121 - 2557	ND*
Carbaryl	45 - 2557	ND*	Myclobutanil	44 - 2557	ND*
Carbofuran	44 - 2557	ND*	Naled	50 - 2557	ND*
Chlorantraniliprole	53 - 2557	ND*	Oxamyl	49 - 2557	ND*
Chlorpyrifos	46 - 2557	ND*	Paclobutrazol	47 - 2557	ND*
Clofentezine	299 - 2557	ND*	Permethrin	267 - 2557	ND*
Diazinon	293 - 2557	ND*	Phosmet	45 - 2557	ND*
Dichlorvos	>304	ND*	Prophos	289 - 2557	ND*
Dimethoate	45 - 2557	ND*	Propoxur	46 - 2557	ND*
E-Fenpyroximate	287 - 2557	ND*	Pyridaben	279 - 2557	ND*
Etofenprox	42 - 2557	ND*	Spinosad A	32 - 2557	ND*
Etoxazole	290 - 2557	ND*	Spinosad D	82 - 2557	ND*
Fenoxycarb	>40	ND*	Spiromesifen	>286	ND*
Fipronil	79 - 2557	ND*	Spirotetramat	>284	ND*
Flonicamid	33 - 2557	ND*	Spiroxamine 1	21 - 2557	ND*
Fludioxonil	>344	ND*	Spiroxamine 2	27 - 2557	ND*
Hexythiazox	44 - 2557	ND*	Tebuconazole	277 - 2557	ND*
Imazalil	276 - 2557	ND*	Thiacloprid	47 - 2557	ND*
Imidacloprid	43 - 2557	ND*	Thiamethoxam	53 - 2557	ND*
Kresoxim-methyl	51 - 2557	ND*	Trifloxystrobin	44 - 2557	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-EK1R849

Batch ID:	NED-01042021	Test ID:	T000118041
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-EK1R849

Batch ID:	NED-01042021	Test ID:	T000118044
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	0.067 - 6.72	ND
Cadmium	0.068 - 6.76	ND
Mercury	0.069 - 6.94	ND
Lead	0.068 - 6.80	0.083


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

FINAL APPROVAL



Daniel Weidensaul
13-Jan-2021
9:37 AM

PREPARED BY / DATE



Greg Zimpfer
13-Jan-2021
1:29 PM

APPROVED BY / DATE

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