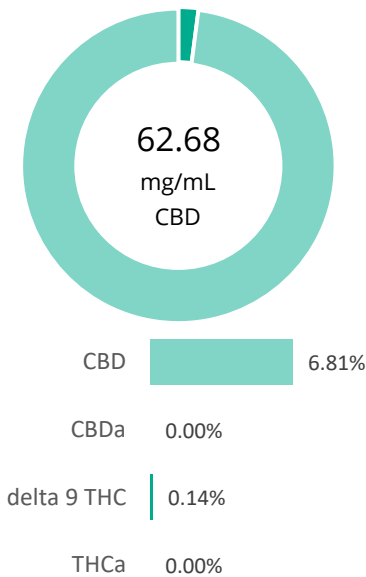


D121

Batch ID:		Test ID:	T000141681
Type:	Solution	Submitted:	05/19/2021 @ 09:38 AM
Test:	Potency	Started:	5/19/2021
Method:	TM14	Reported:	5/19/2021

CANNABINOID PROFILE



Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	1.11	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	1.26	1.31	1.4
Cannabidiolic acid (CBDA)	0.94	ND	ND
Cannabidiol (CBD)	0.91	62.68	68.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	1.38	ND	ND
Cannabinolic Acid (CBNA)	0.79	ND	ND
Cannabinol (CBN)	0.36	0.86	0.9
Cannabigerolic acid (CBGA)	1.16	ND	ND
Cannabigerol (CBG)	0.28	1.55	1.7
Tetrahydrocannabivarinic Acid (THCVA)	0.98	ND	ND
Tetrahydrocannabivarin (THCV)	0.25	ND	ND
Cannabidivarinic Acid (CBDVA)	0.39	ND	ND
Cannabidivarin (CBDV)	0.22	0.53	0.6
Cannabichromenic Acid (CBCA)	0.45	ND	ND
Cannabichromene (CBC)	0.49	1.37	1.5
Total Cannabinoids		68.30	74.2
Total Potential THC**		1.31	1.4
Total Potential CBD**		62.68	68.1

NOTES:

Density = 0.92g/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



 Sam Smith
 19-May-2021
 3:34 PM



 Michele Gagnon
 19-May-2021
 3:38 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

D121

Batch ID:	N/A	Test ID:	T000141685
Type:	Unit	Submitted:	05/19/2021 @ 09:38 AM
Test:	Metals	Started:	5/24/2021
Method:	TM19	Reported:	5/25/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.043 - 4.27	ND
Cadmium	0.043 - 4.31	ND
Mercury	0.045 - 4.47	ND
Lead	0.042 - 4.20	ND


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

FINAL APPROVAL



Ryan Weems
25-May-2021
3:41 PM

PREPARED BY / DATE



Daniel Weidensaul
25-May-2021
3:51 PM

APPROVED BY / DATE

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D121

Batch ID:	N/A	Test ID:	T000141684
Type:	Concentrate	Submitted:	05/19/2021 @ 09:38 AM
Test:	Microbial Contaminants	Started:	5/19/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	5/22/2021

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)	Absent
Salmonella	Absent

* 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

FINAL APPROVAL


Sarah Henning
22-May-2021
9:34 AM

PREPARED BY / DATE


Courtney Richards
22-May-2021
6:55 PM

APPROVED BY / DATE

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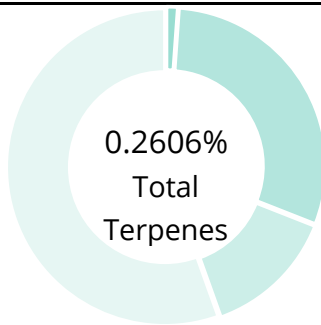


Certificate #4329.03

D121

Batch ID:		Test ID:	T000141682
Type:	Concentrate	Submitted:	05/19/2021 @ 09:38 AM
Test:	Terpenes	Started:	5/24/2021
Method:	TM22	Reported:	5/25/2021

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.1415	1.415
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0761	0.761
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0346	0.346
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0029	0.029
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0055	0.055
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.2606	2.606

PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0029
beta-Caryophyllene	0.0761
alpha-Humulene	0.0346
(-)-alpha-Bisabolol	0.1415

NOTES:

N/A

FINAL APPROVAL



 Daniel Weidensaul
 25-May-2021
 7:11 PM



 Ryan Weems
 25-May-2021
 7:13 PM

PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

D121

Batch ID:		Test ID:	T000141683
Type:	Concentrate	Submitted:	05/19/2021 @ 09:38 AM
Test:	Pesticides	Started:	5/20/2021
Method:	TM17	Reported:	5/21/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	29 - 2204	ND*	Malathion	252 - 2204	ND*
Acetamiprid	32 - 2204	ND*	Metalaxyl	37 - 2204	ND*
Abamectin	>250	ND*	Methiocarb	38 - 2204	ND*
Azoxystrobin	39 - 2204	ND*	Methomyl	32 - 2204	ND*
Bifenazate	25 - 2204	ND*	MGK 264 1	148 - 2204	ND*
Boscalid	37 - 2204	ND*	MGK 264 2	105 - 2204	ND*
Carbaryl	36 - 2204	ND*	Myclobutanil	38 - 2204	ND*
Carbofuran	39 - 2204	ND*	Naled	40 - 2204	ND*
Chlorantraniliprole	39 - 2204	ND*	Oxamyl	33 - 2204	ND*
Chlorpyrifos	42 - 2204	ND*	Paclobutrazol	40 - 2204	ND*
Clofentezine	256 - 2204	ND*	Permethrin	257 - 2204	ND*
Diazinon	255 - 2204	ND*	Phosmet	34 - 2204	ND*
Dichlorvos	>226	ND*	Prophos	242 - 2204	ND*
Dimethoate	35 - 2204	ND*	Propoxur	39 - 2204	ND*
E-Fenpyroximate	247 - 2204	ND*	Pyridaben	251 - 2204	ND*
Etofenprox	41 - 2204	ND*	Spinosad A	26 - 2204	ND*
Etoxazole	272 - 2204	ND*	Spinosad D	79 - 2204	ND*
Fenoxycarb	>40	ND*	Spiromesifen	>257	ND*
Fipronil	23 - 2204	ND*	Spirotetramat	>253	ND*
Flonicamid	38 - 2204	ND*	Spiroxamine 1	17 - 2204	ND*
Fludioxonil	>252	ND*	Spiroxamine 2	22 - 2204	ND*
Hexythiazox	32 - 2204	ND*	Tebuconazole	268 - 2204	ND*
Imazalil	240 - 2204	ND*	Thiacloprid	33 - 2204	ND*
Imidacloprid	37 - 2204	ND*	Thiamethoxam	32 - 2204	ND*
Kresoxim-methyl	39 - 2204	ND*	Trifloxystrobin	39 - 2204	ND*

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

N/A

FINAL APPROVAL



 Sam Smith
 21-May-2021
 9:58 AM



 Taylor Brevik
 21-May-2021
 10:01 AM

PREPARED BY / DATE

APPROVED BY / DATE

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D121

Batch ID:		Test ID:	T000141686
Type:	Concentrate	Submitted:	05/19/2021 @ 09:38 AM
Test:	Residual Solvents	Started:	5/20/2021
Method:	TM04	Reported:	5/20/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	71 - 1413	*ND
Butanes (Isobutane, n-Butane)	146 - 2929	*ND
Methanol	59 - 1185	*ND
Pentane	86 - 1725	*ND
Ethanol	98 - 1964	*ND
Acetone	100 - 1993	*ND
Isopropyl Alcohol	112 - 2231	*ND
Hexane	6 - 122	*ND
Ethyl Acetate	101 - 2017	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	95 - 1891	*ND
Toluene	18 - 364	*ND
Xylenes (m,p,o-Xylenes)	130 - 2605	*ND

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

NOTES:
N/A

FINAL APPROVAL

Sam Smith
20-May-2021
3:56 PMDaniel Weidensaul
20-May-2021
3:58 PM

PREPARED BY / DATE

APPROVED BY / DATE

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