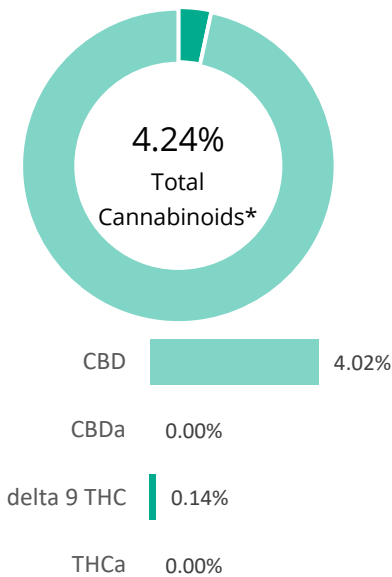


CBD_BAL_MMR

Batch ID:	B0013	Test ID:	T000139572
Type:	Concentrate	Submitted:	05/11/2021 @ 12:07 PM
Test:	Potency	Started:	5/12/2021
Method:	TM14	Reported:	5/14/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	0.14	1.4
Cannabidiolic acid (CBDA)	0.05	ND	ND
Cannabidiol (CBD)	0.05	4.02	40.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.06	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.02	ND	ND
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.01	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	0.08	0.8
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	ND	ND
Total Cannabinoids		4.24	42.4
Total Potential THC**		0.14	1.4
Total Potential CBD**		4.02	40.2

% = % (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)

NOTES:

N/A

FINAL APPROVAL



 Daniel Weidensaul
14-May-2021
3:57 PM



 Rvan Weems
14-May-2021
4:01 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

CBD_BAL_MMR

Batch ID:	B0013	Test ID:	T000139576
Type:	Topical	Submitted:	05/11/2021 @ 12:07 PM
Test:	Residual Solvents	Started:	5/14/2021
Method:	TM04	Reported:	5/14/2021

RESIDUAL SOLVENTS


Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	99 - 1983	*ND
Butanes (Isobutane, n-Butane)	192 - 3846	*ND
Methanol	64 - 1280	*ND
Pentane	100 - 1991	*ND
Ethanol	104 - 2073	*ND
Acetone	101 - 2026	*ND
Isopropyl Alcohol	110 - 2192	*ND
Hexane	6 - 127	*ND
Ethyl Acetate	103 - 2061	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	100 - 2001	*ND
Toluene	18 - 364	*ND
Xylenes (m,p,o-Xylenes)	131 - 2621	*ND

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

 NOTES:
 N/A

FINAL APPROVAL


 Ryan Weems
 14-May-2021
 3:42 PM
 PREPARED BY / DATE


 Samantha Smith
 Sam Smith
 14-May-2021
 3:43 PM
 APPROVED BY / DATE

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Certificate #4329.02

CBD_BAL_MMR

Batch ID:	B0013	Test ID:	T000139573
Type:	Concentrate	Submitted:	05/11/2021 @ 12:07 PM
Test:	Pesticides	Started:	5/13/2021
Method:	TM17	Reported:	5/14/2021


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	46 - 2607	ND*	Malathion	301 - 2607	ND*
Acetamiprid	45 - 2607	ND*	Metalaxyl	41 - 2607	ND*
Abamectin	>366	ND*	Methiocarb	43 - 2607	ND*
Azoxystrobin	44 - 2607	ND*	Methomyl	47 - 2607	ND*
Bifenazate	29 - 2607	ND*	MGK 264 1	166 - 2607	ND*
Boscalid	43 - 2607	ND*	MGK 264 2	115 - 2607	ND*
Carbaryl	43 - 2607	ND*	Myclobutanil	47 - 2607	ND*
Carbofuran	46 - 2607	ND*	Naled	41 - 2607	ND*
Chlorantraniliprole	43 - 2607	ND*	Oxamyl	46 - 2607	ND*
Chlorpyrifos	41 - 2607	ND*	Paclobutrazol	46 - 2607	ND*
Clofentezine	280 - 2607	ND*	Permethrin	300 - 2607	ND*
Diazinon	287 - 2607	ND*	Phosmet	44 - 2607	ND*
Dichlorvos	>286	ND*	Prophos	299 - 2607	ND*
Dimethoate	44 - 2607	ND*	Propoxur	43 - 2607	ND*
E-Fenpyroximate	343 - 2607	ND*	Pyridaben	337 - 2607	ND*
Etofenprox	45 - 2607	ND*	Spinosad A	27 - 2607	ND*
Etoxazole	297 - 2607	ND*	Spinosad D	79 - 2607	ND*
Fenoxycarb	>44	ND*	Spiromesifen	>303	ND*
Fipronil	50 - 2607	ND*	Spirotetramat	>293	ND*
Flonicamid	52 - 2607	ND*	Spiroxamine 1	18 - 2607	ND*
Fludioxonil	>290	ND*	Spiroxamine 2	24 - 2607	ND*
Hexythiazox	40 - 2607	ND*	Tebuconazole	311 - 2607	ND*
Imazalil	281 - 2607	ND*	Thiacloprid	45 - 2607	ND*
Imidacloprid	49 - 2607	ND*	Thiamethoxam	45 - 2607	ND*
Kresoxim-methyl	42 - 2607	ND*	Trifloxystrobin	45 - 2607	ND*


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

N/A

FINAL APPROVAL


 Taylor Brevik
 14-May-2021
 12:17 PM

PREPARED BY / DATE


 Sam Smith
 14-May-2021
 12:36 PM

APPROVED BY / DATE

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CBD_BAL_MMR

Batch ID:	B0013	Test ID:	T000139575
Type:	Unit	Submitted:	05/11/2021 @ 12:07 PM
Test:	Metals	Started:	5/12/2021
Method:	TM19	Reported:	5/13/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.044 - 4.37	ND
Cadmium	0.043 - 4.27	ND
Mercury	0.042 - 4.23	ND
Lead	0.042 - 4.17	ND

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

FINAL APPROVAL

Daniel Weidensaul
13-May-2021
3:56 PMSam Smith
13-May-2021
4:09 PM

PREPARED BY / DATE

APPROVED BY / DATE

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CBD_BAL_MMR

Batch ID:	B0013	Test ID:	T000139574
Type:	Topical	Submitted:	05/11/2021 @ 12:07 PM
Test:	Microbial Contaminants	Started:	5/12/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	5/15/2021

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

Coliforms: None Detected

FINAL APPROVAL


Robert Belfon
15-May-2021
4:24 PM

PREPARED BY / DATE


Courtney Richards
15-May-2021
8:39 PM

APPROVED BY / DATE

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Certificate #4329.03