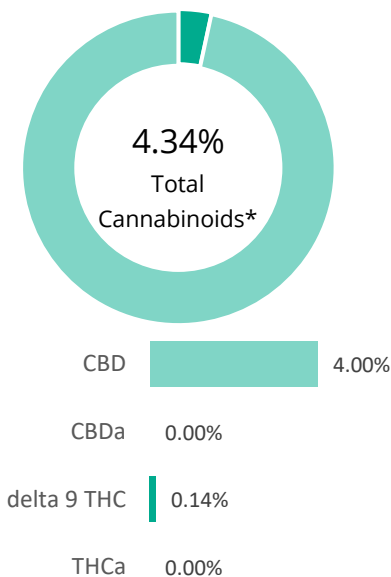


CBD_DOIL_PMT_1200

Batch ID:	T0022	Test ID:	T000138315
Type:	Concentrate	Submitted:	05/03/2021 @ 10:10 AM
Test:	Potency	Started:	5/4/2021
Method:	TM14	Reported:	5/5/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.14	1.4
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.01	4.00	40.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.10	1.0
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.09	0.9
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.01	0.1
Total Cannabinoids		4.34	43.4
Total Potential THC**		0.14	1.4
Total Potential CBD**		4.00	40.0

% = % (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

 Rvan Weems 5-May-2021 12:00 PM	 Daniel Weidensaul 5-May-2021 12:04 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

CBD_DOIL_PMT_1200

Batch ID:	T0022	Test ID:	T000138319
Type:	Concentrate	Submitted:	05/03/2021 @ 10:10 AM
Test:	Residual Solvents	Started:	5/5/2021
Method:	TM04	Reported:	5/5/2021


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	72 - 1430	*ND
Butanes (Isobutane, n-Butane)	142 - 2830	*ND
Methanol	61 - 1214	*ND
Pentane	83 - 1660	*ND
Ethanol	89 - 1772	*ND
Acetone	95 - 1907	*ND
Isopropyl Alcohol	109 - 2183	*ND
Hexane	6 - 117	*ND
Ethyl Acetate	98 - 1966	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	91 - 1822	*ND
Toluene	18 - 351	*ND
Xylenes (m,p,o-Xylenes)	128 - 2561	*ND

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

 NOTES:
 N/A

FINAL APPROVAL


 Sam Smith
 5-May-2021
 2:35 PM

PREPARED BY / DATE


 Ryan Weems
 5-May-2021
 2:36 PM

APPROVED BY / DATE

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Certificate #4329.02

CBD_DOIL_PMT_1200

Batch ID:	T0022	Test ID:	T000138316
Type:	Concentrate	Submitted:	05/03/2021 @ 10:10 AM
Test:	Pesticides	Started:	5/5/2021
Method:	TM17	Reported:	5/6/2021


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	37 - 2433	ND*	Malathion	278 - 2433	ND*
Acetamiprid	37 - 2433	ND*	Metalaxyl	41 - 2433	ND*
Abamectin	>286	ND*	Methiocarb	38 - 2433	ND*
Azoxystrobin	40 - 2433	ND*	Methomyl	38 - 2433	ND*
Bifenazate	35 - 2433	ND*	MGK 264 1	160 - 2433	ND*
Boscalid	33 - 2433	ND*	MGK 264 2	116 - 2433	ND*
Carbaryl	34 - 2433	ND*	Myclobutanil	41 - 2433	ND*
Carbofuran	37 - 2433	ND*	Naled	47 - 2433	ND*
Chlorantraniliprole	44 - 2433	ND*	Oxamyl	36 - 2433	ND*
Chlorpyrifos	43 - 2433	ND*	Paclobutrazol	39 - 2433	ND*
Clofentezine	262 - 2433	ND*	Permethrin	256 - 2433	ND*
Diazinon	280 - 2433	ND*	Phosmet	36 - 2433	ND*
Dichlorvos	>290	ND*	Prophos	296 - 2433	ND*
Dimethoate	37 - 2433	ND*	Propoxur	38 - 2433	ND*
E-Fenpyroximate	275 - 2433	ND*	Pyridaben	282 - 2433	ND*
Etofenprox	40 - 2433	ND*	Spinosad A	29 - 2433	ND*
Etoxazole	292 - 2433	ND*	Spinosad D	79 - 2433	ND*
Fenoxycarb	>40	ND*	Spiromesifen	>279	ND*
Fipronil	59 - 2433	ND*	Spirotetramat	>269	ND*
Flonicamid	42 - 2433	ND*	Spiroxamine 1	15 - 2433	ND*
Fludioxonil	>291	ND*	Spiroxamine 2	22 - 2433	ND*
Hexythiazox	38 - 2433	ND*	Tebuconazole	279 - 2433	ND*
Imazalil	263 - 2433	ND*	Thiacloprid	38 - 2433	ND*
Imidacloprid	39 - 2433	ND*	Thiamethoxam	40 - 2433	ND*
Kresoxim-methyl	44 - 2433	ND*	Trifloxystrobin	42 - 2433	ND*


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

N/A

FINAL APPROVAL


 Taylor Brevik
 6-May-2021
 8:13 AM

PREPARED BY / DATE


 Sam Smith
 6-May-2021
 8:30 AM

APPROVED BY / DATE

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CBD_DOIL_PMT_1200


Batch ID:	T0022	Test ID:	T000138318
Type:	Unit	Submitted:	05/03/2021 @ 10:10 AM
Test:	Metals	Started:	5/6/2021
Method:	TM19	Reported:	5/7/2021

HEAVY METALS


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.047 - 4.71	ND
Cadmium	0.047 - 4.66	ND
Mercury	0.047 - 4.66	ND
Lead	0.047 - 4.72	ND

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

FINAL APPROVAL


Ryan Weems
7-May-2021
12:21 PM

PREPARED BY / DATE


Sam Smith
7-May-2021
12:23 PM

APPROVED BY / DATE

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CBD_DOIL_PMT_1200

Batch ID:	T0022	Test ID:	T000138317
Type:	Edible	Submitted:	05/03/2021 @ 10:10 AM
Test:	Microbial Contaminants	Started:	5/3/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	5/6/2021

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


Sarah Henning
6-May-2021
10:01 AM
Robert Belfon
6-May-2021
10:45 AM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03