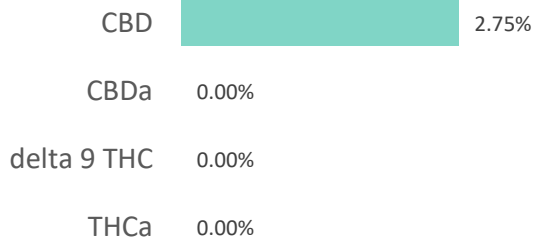
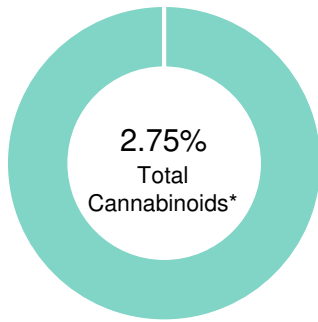


PROTECT Tincture

Batch ID:	201009-1	Test ID:	T000102377
Type:	Concentrate	Submitted:	10/09/2020 @ 02:52 PM
Test:	Potency	Started:	10/13/2020
Method:	TM14	Reported:	10/14/2020

CANNABINOID PROFILE


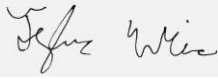

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.08	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.04	ND	ND
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.04	2.75	27.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.04	ND	ND
Cannabinolic Acid (CBNA)	0.11	ND	ND
Cannabinol (CBN)	0.05	ND	ND
Cannabigerolic acid (CBGA)	0.07	ND	ND
Cannabigerol (CBG)	0.04	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.07	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	ND	ND
Cannabichromenic Acid (CBCA)	0.06	ND	ND
Cannabichromene (CBC)	0.07	ND	ND
Total Cannabinoids		2.75	27.5
Total Potential THC**		ND	ND
Total Potential CBD**		2.75	27.5

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

	Tyler Wiese 14-Oct-2020 5:02 PM		Greg Zimpfer 14-Oct-2020 5:36 PM
PREPARED BY / DATE		APPROVED BY / DATE	

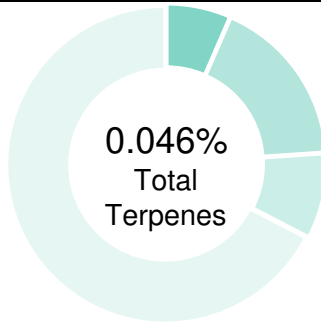
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Certificate #4329.02

PROTECT Tincture

Batch ID:	201009-1	Test ID:	T000102381
Type:	Concentrate	Submitted:	10/09/2020 @ 02:52 PM
Test:	Terpenes	Started:	10/12/2020
Method:	TM10	Reported:	10/14/2020

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.031	0.31
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.008	0.08
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.004	0.04
(-)-Isopulegol	0.000	0
d-Limonene	0.003	0.03
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.046%	0.46

PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.003%
Linalool	0.000%
beta-Caryophyllene	0.008%
alpha-Humulene	0.004%
(-)-alpha-Bisabolol	0.031%

 NOTES:
 0

FINAL APPROVAL

 Michelle Gagnon 14-Oct-2020 3:45 PM	 Ben Minton 14-Oct-2020 4:02 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

PROTECT Tincture

Batch ID:	201009-1	Test ID:	T000102382
Type:	Concentrate	Submitted:	10/09/2020 @ 02:52 PM
Test:	Pesticides	Started:	10/14/2020
Method:		Reported:	10/15/2020


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	36 - 2422	ND*	Malathion	286 - 2422	ND*
Acetamiprid	35 - 2422	ND*	Metalaxyl	39 - 2422	ND*
Abamectin	>281	ND*	Methiocarb	38 - 2422	ND*
Azoxystrobin	40 - 2422	ND*	Methomyl	36 - 2422	ND*
Bifenazate	41 - 2422	ND*	MGK 264 1	159 - 2422	ND*
Boscalid	51 - 2422	ND*	MGK 264 2	107 - 2422	ND*
Carbaryl	43 - 2422	ND*	Myclobutanil	39 - 2422	ND*
Carbofuran	40 - 2422	ND*	Naled	46 - 2422	ND*
Chlorantraniliprole	47 - 2422	ND*	Oxamyl	39 - 2422	ND*
Chlorpyrifos	50 - 2422	ND*	Paclobutrazol	45 - 2422	ND*
Clofentezine	286 - 2422	ND*	Permethrin	280 - 2422	ND*
Diazinon	306 - 2422	ND*	Phosmet	41 - 2422	ND*
Dichlorvos	>294	ND*	Prophos	260 - 2422	ND*
Dimethoate	38 - 2422	ND*	Propoxur	42 - 2422	ND*
E-Fenpyroximate	270 - 2422	ND*	Pyridaben	281 - 2422	ND*
Etofenprox	42 - 2422	ND*	Spinosad A	28 - 2422	ND*
Etoxazole	280 - 2422	ND*	Spinosad D	77 - 2422	ND*
Fenoxycarb	>43	ND*	Spiromesifen	>284	ND*
Fipronil	40 - 2422	ND*	Spirotetramat	>289	ND*
Fonicamid	47 - 2422	ND*	Spiroxamine 1	16 - 2422	ND*
Fludioxonil	>269	ND*	Spiroxamine 2	21 - 2422	ND*
Hexythiazox	42 - 2422	ND*	Tebuconazole	293 - 2422	ND*
Imazalil	266 - 2422	ND*	Thiacloprid	39 - 2422	ND*
Imidacloprid	44 - 2422	ND*	Thiamethoxam	39 - 2422	ND*
Kresoxim-methyl	44 - 2422	ND*	Trifloxystrobin	42 - 2422	ND*


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

N/A

FINAL APPROVAL

 Tyler Wiese
 15-Oct-2020
 3:51 PM

PREPARED BY / DATE

 Ben Minton
 15-Oct-2020
 6:24 PM

APPROVED BY / DATE

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PROTECT Tincture

Batch ID:	201009-1	Test ID:	t000102379
Type:	Concentrate	Submitted:	10/09/2020 @ 02:52 PM
Test:	Residual Solvents	Started:	10/14/2020
Method:	TM04	Reported:	10/14/2020


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	88 - 1768	*ND
Butanes (Isobutane, n-Butane)	181 - 3610	*ND
Methanol	60 - 1194	*ND
Pentane	95 - 1905	*ND
Ethanol	94 - 1889	*ND
Acetone	98 - 1961	*ND
Isopropyl Alcohol	105 - 2095	*ND
Hexane	6 - 119	*ND
Ethyl Acetate	99 - 1978	*ND
Benzene	0.2 - 4	*ND
Heptanes	96 - 1922	*ND
Toluene	18 - 355	*ND
Xylenes (m,p,o-Xylenes)	128 - 2559	*ND

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

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
14-Oct-2020
4:27 PM
PREPARED BY / DATE
Greg Zimpfer
14-Oct-2020
5:36 PM
APPROVED BY / DATE

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Certificate #4329.02

PROTECT Tincture

Batch ID:	201009-1	Test ID:	T000102383
Type:	Other	Submitted:	10/09/2020 @ 02:52 PM
Test:	Metals	Started:	10/14/2020
Method:	TM19	Reported:	10/15/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.075 - 7.50	ND
Cadmium	0.075 - 7.54	ND
Mercury	0.073 - 7.32	ND
Lead	0.078 - 7.76	ND

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

FINAL APPROVAL

Daniel Weidensaul
15-Oct-2020
3:34 PMGreg Zimpfer
15-Oct-2020
4:21 PM

PREPARED BY / DATE

APPROVED BY / DATE

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PROTECT Tincture

Batch ID:	201009-1	Test ID:	T000102380
Type:	Edible	Submitted:	10/09/2020 @ 02:52 PM
Test:	Microbial Contaminants	Started:	10/13/2020
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	10/16/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
STEC and 0157 E. coli	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


Robert Belfon
16-Oct-2020
2:48 PM
Greg Zimpfer
16-Oct-2020
5:13 PM

PREPARED BY / DATE

APPROVED BY / DATE

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