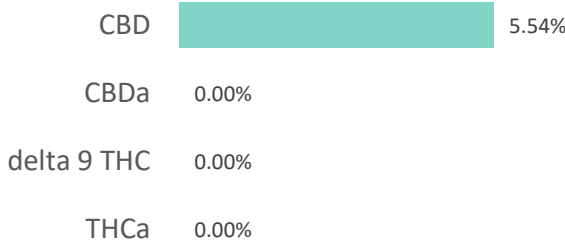
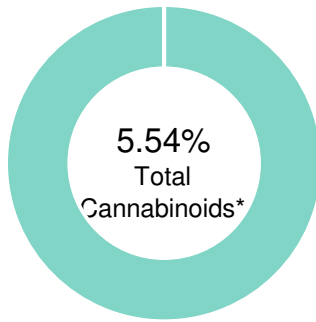


PROTECT Gel Cap Tincture

Batch ID:	200921-5	Test ID:	T000097683
Reported:	24-Sep-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.10	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	ND	ND
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.03	5.54	55.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.05	ND	ND
Cannabinolic Acid (CBNA)	0.14	ND	ND
Cannabinol (CBN)	0.06	ND	ND
Cannabigerolic acid (CBGA)	0.09	ND	ND
Cannabigerol (CBG)	0.05	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.08	ND	ND
Tetrahydrocannabivarin (THCV)	0.04	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.01	ND	ND
Cannabichromenic Acid (CBCA)	0.08	ND	ND
Cannabichromene (CBC)	0.09	ND	ND
Total Cannabinoids		5.54	55.4
Total Potential THC**		ND	ND
Total Potential CBD**		5.54	55.4


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


Ryan Weems
 24-Sep-2020
 3:13 PM



Greg Zimpfer
 24-Sep-2020
 3:26 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

PROTECT Gel Cap Tincture

Batch ID:	200921-5	Test ID:	T000097686
Reported:	25-Sep-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	43 - 2535	ND*	Malathion	293 - 2535	ND*
Acetamiprid	42 - 2535	ND*	Metaxyl	49 - 2535	ND*
Abamectin	>269	ND*	Methiocarb	43 - 2535	ND*
Azoxystrobin	46 - 2535	ND*	Methomyl	44 - 2535	ND*
Bifenazate	48 - 2535	ND*	MGK 264 1	164 - 2535	ND*
Boscalid	45 - 2535	ND*	MGK 264 2	120 - 2535	ND*
Carbaryl	44 - 2535	ND*	Myclobutanil	48 - 2535	ND*
Carbofuran	39 - 2535	ND*	Naled	43 - 2535	ND*
Chlorantraniliprole	42 - 2535	ND*	Oxamyl	44 - 2535	ND*
Chlorpyrifos	40 - 2535	ND*	Paclobutrazol	45 - 2535	ND*
Clofentezine	298 - 2535	ND*	Permethrin	292 - 2535	ND*
Diazinon	296 - 2535	ND*	Phosmet	48 - 2535	ND*
Dichlorvos	>270	ND*	Prophos	277 - 2535	ND*
Dimethoate	42 - 2535	ND*	Propoxur	41 - 2535	ND*
E-Fenpyroximate	305 - 2535	ND*	Pyridaben	303 - 2535	ND*
Etofenprox	44 - 2535	ND*	Spinosad A	31 - 2535	ND*
Etoazole	302 - 2535	ND*	Spinosad D	85 - 2535	ND*
Fenoxycarb	>45	ND*	Spiromesifen	>276	ND*
Fipronil	50 - 2535	ND*	Spirotetramat	>290	ND*
Flonicamid	45 - 2535	ND*	Spiroxamine 1	18 - 2535	ND*
Fludioxonil	>273	ND*	Spiroxamine 2	22 - 2535	ND*
Hexythiazox	36 - 2535	ND*	Tebuconazole	279 - 2535	ND*
Imazalil	288 - 2535	ND*	Thiacloprid	44 - 2535	ND*
Imidacloprid	41 - 2535	ND*	Thiamethoxam	46 - 2535	ND*
Kresoxim-methyl	46 - 2535	ND*	Trifloxystrobin	42 - 2535	ND*

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

N/A

FINAL APPROVAL

 **Sam Smith**
 25-Sep-2020
 2:31 PM

 **Ben Minton**
 25-Sep-2020
 4:39 PM

PREPARED BY / DATE

APPROVED BY / DATE

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PROTECT Gel Cap Tincture

Batch ID:	200921-5	Test ID:	T000097687
Reported:	23-Sep-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.073 - 7.31	ND
Cadmium	0.076 - 7.58	ND
Mercury	0.073 - 7.28	ND
Lead	0.100 - 9.99	ND

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

FINAL APPROVAL


Ryan Weems
23-Sep-2020
2:19 PM

PREPARED BY / DATE


Greg Zimpfer
23-Sep-2020
4:02 PM

APPROVED BY / DATE

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PROTECT Gel Cap Tincture

Batch ID:	200921-5	Test ID:	T000097684
Reported:	24-Sep-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	59 - 1173	*ND
Butanes (Isobutane, n-Butane)	127 - 2531	*ND
Methanol	53 - 1057	*ND
Pentane	76 - 1521	*ND
Ethanol	74 - 1477	*ND
Acetone	86 - 1726	*ND
Isopropyl Alcohol	90 - 1803	*ND
Hexane	5 - 109	*ND
Ethyl Acetate	85 - 1703	*ND
Benzene	0.2 - 3.4	*ND
Heptanes	81 - 1617	*ND
Toluene	16 - 311	*ND
Xylenes (m,p,o-Xylenes)	116 - 2327	*ND


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

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
24-Sep-2020
3:21 PM

PREPARED BY / DATE


Ben Minton
24-Sep-2020
3:26 PM

APPROVED BY / DATE

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Certificate #4329.02

PROTECT Gel Cap Tincture

Batch ID:	200921-5	Test ID:	T000097685
Reported:	26-Sep-2020	Method:	TM24, TM25, TM26, TM27, TM28
Type:	Edible		
Test:	Microbial Contaminants		

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
26-Sep-2020
6:39 PM
Ben Minton
26-Sep-2020
7:35 PM

PREPARED BY / DATE

APPROVED BY / DATE

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