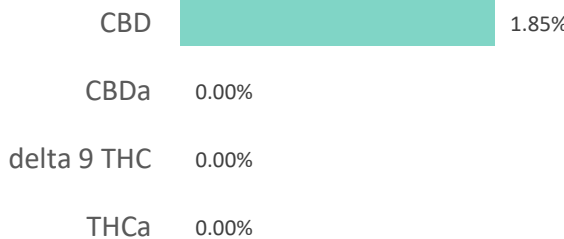
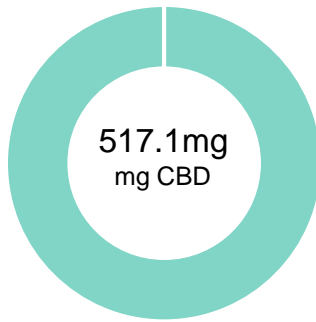


CBD+iso Stress Oil Drops 500mg CBD/250mg CBG

Batch ID:	QM2101	Test ID:	4402158.0038
Reported:	8-Jul-2020	Method:	TM14
Type:	Unit		
Test:	Potency		


CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	1.14	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.57	ND	ND
Cannabidiolic acid (CBDA)	1.47	ND	ND
Cannabidiol (CBD)	0.82	517.10	18.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.62	ND	ND
Cannabinolic Acid (CBNA)	1.57	ND	ND
Cannabinol (CBN)	0.69	5.20	0.2
Cannabigerolic acid (CBGA)	1.00	ND	ND
Cannabigerol (CBG)	0.56	265.30	9.5
Tetrahydrocannabivarinic Acid (THCVA)	0.98	ND	ND
Tetrahydrocannabivarin (THCV)	0.51	ND	ND
Cannabidivarinic Acid (CBDVA)	1.37	ND	ND
Cannabidivarin (CBDV)	0.75	1.20	0.0
Cannabichromenic Acid (CBCA)	0.86	ND	ND
Cannabichromene (CBC)	1.03	5.80	0.2
Total Cannabinoids		794.60	28.38
Total Potential THC**		ND	ND
Total Potential CBD**		517.10	18.47

% = % (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)

NOTES:
 # of Servings = 1, Sample Weight=28g
 N/A

FINAL APPROVAL


 Michelle Gagnon
 8-Jul-2020
 4:54 PM


 Greg Zimpfer
 8-Jul-2020
 8:37 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Hemp Distillate Broad Spectrum Raw

Batch ID:	HC0105	Test ID:	T000084322
Reported:	9-Jul-2020	Method:	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.071 - 7.07	ND
Cadmium	0.070 - 6.99	ND
Mercury	0.071 - 7.07	ND
Lead	0.072 - 7.16	ND

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

FINAL APPROVALAlex Smith
9-Jul-2020
6:05 AM

PREPARED BY / DATE

Greg Zimpfer
9-Jul-2020
11:18 AM

APPROVED BY / DATE

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Hemp Distillate Broad Spectrum Raw

Batch ID:	HC0105	Test ID:	T000084320
Reported:	9-Jul-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
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	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**
Mara Miller
9-Jul-2020
1:01 PM
Ben Minton
9-Jul-2020
3:51 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Hemp Distillate Broad Spectrum Raw

Batch ID:	HC0105	Test ID:	4587965.0026
Reported:	8-Jul-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	59 - 2558	ND*	Malathion	307 - 2558	ND*
Acetamiprid	50 - 2558	ND*	Metalaxyl	52 - 2558	ND*
Abamectin	>340	ND*	Methiocarb	44 - 2558	ND*
Azoxystrobin	48 - 2558	ND*	Methomyl	48 - 2558	ND*
Bifenazate	52 - 2558	ND*	MGK 264 1	187 - 2558	ND*
Boscalid	52 - 2558	ND*	MGK 264 2	102 - 2558	ND*
Carbaryl	45 - 2558	ND*	Myclobutanil	51 - 2558	ND*
Carbofuran	44 - 2558	ND*	Naled	52 - 2558	ND*
Chlorantraniliprole	51 - 2558	ND*	Oxamyl	44 - 2558	ND*
Chlorpyrifos	47 - 2558	ND*	Paclobutrazol	48 - 2558	ND*
Clofentezine	314 - 2558	ND*	Permethrin	324 - 2558	ND*
Diazinon	300 - 2558	ND*	Phosmet	50 - 2558	ND*
Dichlorvos	>332	ND*	Prophos	284 - 2558	ND*
Dimethoate	55 - 2558	ND*	Propoxur	46 - 2558	ND*
E-Fenpyroximate	24 - 2558	ND*	Pyridaben	41 - 2558	ND*
Etofenprox	42 - 2558	ND*	Spinosad A	35 - 2558	ND*
Etoxazole	302 - 2558	ND*	Spinosad D	79 - 2558	ND*
Fenoxycarb	>50	ND*	Spiromesifen	>283	ND*
Fipronil	55 - 2558	ND*	Spirotetramat	>310	ND*
Flonicamid	51 - 2558	ND*	Spiroxamine 1	18 - 2558	ND*
Fludioxonil	>293	ND*	Spiroxamine 2	26 - 2558	ND*
Hexythiazox	44 - 2558	ND*	Tebuconazole	307 - 2558	ND*
Imazalil	289 - 2558	ND*	Thiacloprid	50 - 2558	ND*
Imidacloprid	49 - 2558	ND*	Thiamethoxam	48 - 2558	ND*
Kresoxim-methyl	49 - 2558	ND*	Trifloxystrobin	51 - 2558	ND*

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

N/A

FINAL APPROVAL

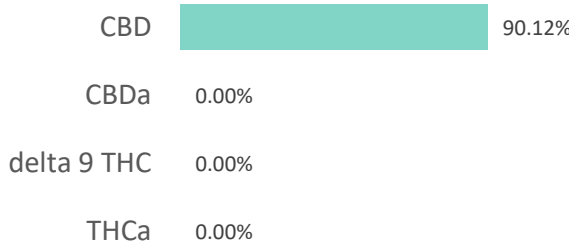
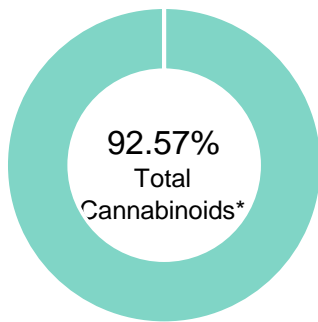

 Taylor Brevik
 8-Jul-2020
 4:02 PM
 PREPARED BY / DATE


 Greg Zimpfer
 8-Jul-2020
 8:14 PM
 APPROVED BY / DATE

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Hemp Distillate Broad Spec Raw

Batch ID:	HC0105	Test ID:	3766599.002
Reported:	1-May-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.35	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.17	ND	ND
Cannabidiolic acid (CBDA)	0.32	ND	ND
Cannabidiol (CBD)	0.18	90.12	901.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.19	ND	ND
Cannabinolic Acid (CBNA)	0.48	ND	ND
Cannabinol (CBN)	0.21	0.85	8.5
Cannabigerolic acid (CBGA)	0.30	ND	ND
Cannabigerol (CBG)	0.17	0.32	3.2
Tetrahydrocannabivarinic Acid (THCVA)	0.30	ND	ND
Tetrahydrocannabivarin (THCV)	0.15	ND	ND
Cannabidivarinic Acid (CBDVA)	0.30	ND	ND
Cannabidivarin (CBDV)	0.16	0.17	1.7
Cannabichromenic Acid (CBCA)	0.26	ND	ND
Cannabichromene (CBC)	0.31	1.11	11.1
Total Cannabinoids		92.57	925.70
Total Potential THC**		ND	ND
Total Potential CBD**		90.12	901.20

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.

$$\text{Total THC} = \text{THC} + (\text{THCa} \times 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \times 0.877)$$

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

FINAL APPROVAL


 Tyler Wiese
 1-May-2020
 3:49 PM



 Ben Minton
 1-May-2020
 4:28 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Hemp Distillate Broad Spectrum Raw

Batch ID:	HC0105	Test ID:	T000084319
Reported:	8-Jul-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	105 - 2094	*ND
Butanes (Isobutane, n-Butane)	186 - 3713	*ND
Methanol	64 - 1277	*ND
Pentane	101 - 2029	*ND
Ethanol	102 - 2041	*ND
Acetone	103 - 2068	*ND
Isopropyl Alcohol	111 - 2214	*ND
Hexane	6 - 129	*ND
Ethyl Acetate	105 - 2107	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	101 - 2028	*ND
Toluene	19 - 376	*ND
Xylenes (m,p,o-Xylenes)	156 - 3115	*ND

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

NOTES:
N/A**FINAL APPROVAL**Daniel Weidensaul
8-Jul-2020
5:46 PMGreg Zimpfer
8-Jul-2020
8:49 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

CBG Isolate

Batch ID:	CG5100	Test ID:	T000084326
Reported:	9-Jul-2020	Method:	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.065 - 6.50	ND
Cadmium	0.064 - 6.42	ND
Mercury	0.065 - 6.50	ND
Lead	0.066 - 6.58	ND

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

FINAL APPROVAL

Alex Smith
9-Jul-2020
6:05 AM

PREPARED BY / DATE

Greg Zimpfer
9-Jul-2020
11:18 AM

APPROVED BY / DATE

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CBG Isolate

Batch ID:	CG5100	Test ID:	T000084324
Reported:	9-Jul-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	BLOQ
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
<i>E. coli</i>	None Detected
<i>Salmonella</i>	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: BLOQ | Below limit of quantitation
Coliforms: None Detected

FINAL APPROVAL


Mara Miller
9-Jul-2020
1:01 PM
Ben Minton
9-Jul-2020
3:51 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

CBG Isolate

Batch ID:	CG5100	Test ID:	4587965.0027
Reported:	8-Jul-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	58 - 2537	ND*	Malathion	304 - 2537	ND*
Acetamiprid	50 - 2537	ND*	Metalaxyl	51 - 2537	ND*
Abamectin	>337	ND*	Methiocarb	44 - 2537	ND*
Azoxystrobin	47 - 2537	ND*	Methomyl	48 - 2537	ND*
Bifenazate	52 - 2537	ND*	MGK 264 1	186 - 2537	ND*
Boscalid	51 - 2537	ND*	MGK 264 2	102 - 2537	ND*
Carbaryl	44 - 2537	ND*	Myclobutanil	51 - 2537	ND*
Carbofuran	44 - 2537	ND*	Naled	52 - 2537	ND*
Chlorantraniliprole	51 - 2537	ND*	Oxamyl	44 - 2537	ND*
Chlorpyrifos	46 - 2537	ND*	Paclobutrazol	48 - 2537	ND*
Clofentezine	311 - 2537	ND*	Permethrin	321 - 2537	ND*
Diazinon	298 - 2537	ND*	Phosmet	50 - 2537	ND*
Dichlorvos	>329	ND*	Prophos	282 - 2537	ND*
Dimethoate	54 - 2537	ND*	Propoxur	46 - 2537	ND*
E-Fenpyroximate	24 - 2537	ND*	Pyridaben	40 - 2537	ND*
Etofenprox	42 - 2537	ND*	Spinosad A	35 - 2537	ND*
Etoxazole	300 - 2537	ND*	Spinosad D	78 - 2537	ND*
Fenoxycarb	>50	ND*	Spiromesifen	>281	ND*
Fipronil	54 - 2537	ND*	Spirotetramat	>307	ND*
Flonicamid	50 - 2537	ND*	Spiroxamine 1	18 - 2537	ND*
Fludioxonil	>291	ND*	Spiroxamine 2	26 - 2537	ND*
Hexythiazox	44 - 2537	ND*	Tebuconazole	305 - 2537	ND*
Imazalil	287 - 2537	ND*	Thiacloprid	49 - 2537	ND*
Imidacloprid	49 - 2537	ND*	Thiamethoxam	47 - 2537	ND*
Kresoxim-methyl	49 - 2537	ND*	Trifloxystrobin	50 - 2537	ND*

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

N/A

FINAL APPROVAL


 Taylor Brevik
 8-Jul-2020
 4:02 PM
 PREPARED BY / DATE


 Greg Zimpfer
 8-Jul-2020
 8:14 PM
 APPROVED BY / DATE

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CBG ISOLATE

Batch ID:	CG5100	Test ID:	5136732.0015
Reported:	12-Feb-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE

		Compound	LOQ (%)	Result (%)	Result (mg/g)
		Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.40	0.00	0.0
		Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.20	0.00	0.0
		Cannabidiolic acid (CBDA)	0.57	0.00	0.0
		Cannabidiol (CBD)	0.32	0.00	0.0
		Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.22	0.00	0.0
		Cannabinolic Acid (CBNA)	0.54	0.00	0.0
		Cannabinol (CBN)	0.24	0.00	0.0
		Cannabigerolic acid (CBGA)	0.35	0.00	0.0
		Cannabigerol (CBG)	0.20	102.64	1026.4
		Tetrahydrocannabivarinic Acid (THCVA)	0.34	0.00	0.0
		Tetrahydrocannabivarin (THCV)	0.18	0.00	0.0
		Cannabidivarinic Acid (CBDVA)	0.53	0.00	0.0
		Cannabidivarin (CBDV)	0.29	0.00	0.0
		Cannabichromenic Acid (CBCA)	0.30	0.00	0.0
		Cannabichromene (CBC)	0.36	0.00	0.0
		Total Cannabinoids		102.64	1026.40
		Total Potential THC**		0.00	0.00
		Total Potential CBD**		0.00	0.00

102.64% Total Cannabinoids*	CBD 0.00% CBDa 0.00% delta 9 THC 0.00% THCa 0.00%
--	--

% = % (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))


NOTES:

N/A

FINAL APPROVAL


Michelle Gagnon
 12-Feb-2020
 4:04 PM

PREPARED BY / DATE



Greg Zimpfer
 12-Feb-2020
 6:40 PM

APPROVED BY / DATE

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CBG Isolate

Batch ID:	CG5100	Test ID:	T000084323
Reported:	8-Jul-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	106 - 2111	*ND
Butanes (Isobutane, n-Butane)	187 - 3744	*ND
Methanol	64 - 1288	*ND
Pentane	102 - 2046	*ND
Ethanol	103 - 2058	*ND
Acetone	104 - 2085	*ND
Isopropyl Alcohol	112 - 2232	*ND
Hexane	7 - 130	67
Ethyl Acetate	106 - 2124	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	102 - 2044	*ND
Toluene	19 - 379	*ND
Xylenes (m,p,o-Xylenes)	157 - 3141	*ND

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

NOTES:
N/A**FINAL APPROVAL**Daniel Weidensaul
8-Jul-2020
5:46 PMGreg Zimpfer
8-Jul-2020
8:49 PM

PREPARED BY / DATE

APPROVED BY / DATE

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