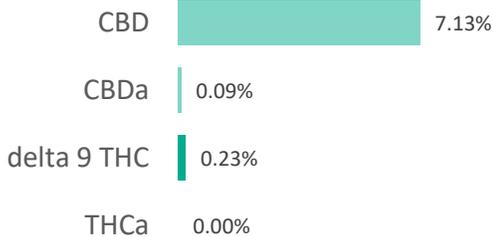
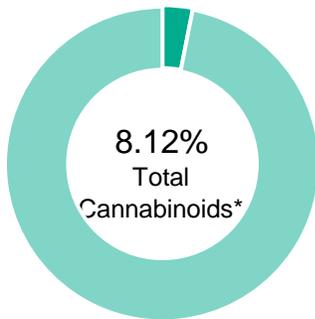


Full Spectrum Hemp Extract

Batch ID:	FC061220PM-2000	Test ID:	7421888.0016
Reported:	19-Jun-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.02	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.23	2.3
Cannabidiolic acid (CBDA)	0.04	0.09	0.9
Cannabidiol (CBD)	0.02	7.13	71.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.02	ND	ND
Cannabinol (CBN)	0.01	0.02	0.2
Cannabigerolic acid (CBGA)	0.02	ND	ND
Cannabigerol (CBG)	0.01	0.22	2.2
Tetrahydrocannabivarinic Acid (THCVA)	0.02	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	0.02	0.2
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.02	0.41	4.1
Total Cannabinoids		8.12	81.20
Total Potential THC**		0.23	2.30
Total Potential CBD**		7.21	72.09

% = % (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:
N/A

FINAL APPROVAL


 Tyler Wiese
 19-Jun-2020
 4:45 PM


 Greg Zimpfer
 19-Jun-2020
 5:47 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Full Spectrum Hemp Extract

Batch ID:	FC061220PM-2000	Test ID:	T000081360
Reported:	21-Jun-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


Sarah Henning
21-Jun-2020
9:34 AM
Mike Branvold
21-Jun-2020
8:36 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Full Spectrum Hemp Extract

Batch ID:	FC061220PM-2000	Test ID:	5333387.0015
Reported:	22-Jun-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

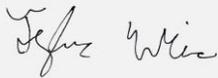
PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	56 - 2571	ND*	Malathion	333 - 2571	ND*
Acetamiprid	56 - 2571	ND*	Metalaxyl	56 - 2571	ND*
Abamectin	>333	NA	Methiocarb	56 - 2571	ND*
Azoxystrobin	56 - 2571	ND*	Methomyl	56 - 2571	ND*
Bifenazate	56 - 2571	ND*	MGK 264 1	333 - 2571	ND*
Boscalid	56 - 2571	ND*	MGK 264 2	333 - 2571	ND*
Carbaryl	56 - 2571	ND*	Myclobutanil	56 - 2571	ND*
Carbofuran	56 - 2571	ND*	Naled	56 - 2571	ND*
Chlorantraniliprole	56 - 2571	ND*	Oxamyl	56 - 2571	ND*
Chlorpyrifos	56 - 2571	ND*	Paclobutrazol	56 - 2571	ND*
Clofentezine	333 - 2571	ND*	Permethrin	333 - 2571	ND*
Diazinon	333 - 2571	ND*	Phosmet	56 - 2571	ND*
Dichlorvos	>333	ND*	Prophos	333 - 2571	ND*
Dimethoate	56 - 2571	ND*	Propoxur	56 - 2571	ND*
E-Fenpyroximate	56 - 2571	ND*	Pyridaben	56 - 2571	ND*
Etofenprox	56 - 2571	ND*	Spinosad A	56 - 2571	ND*
Etoxazole	333 - 2571	ND*	Spinosad D	333 - 2571	ND*
Fenoxycarb	>56	ND*	Spiromesifen	>333	ND*
Fipronil	56 - 2571	ND*	Spirotetramat	>333	ND*
Fonicamid	56 - 2571	ND*	Spiroxamine 1	56 - 2571	ND*
Fludioxonil	>333	ND*	Spiroxamine 2	56 - 2571	ND*
Hexythiazox	56 - 2571	ND*	Tebuconazole	333 - 2571	ND*
Imazalil	333 - 2571	ND*	Thiacloprid	56 - 2571	ND*
Imidacloprid	56 - 2571	ND*	Thiamethoxam	56 - 2571	ND*
Kresoxim-methyl	56 - 2571	ND*	Trifloxystrobin	56 - 2571	ND*

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

N/A

FINAL APPROVAL


 Tyler Wiese
 22-Jun-2020
 9:12 PM
 PREPARED BY / DATE


 Ben Minton
 22-Jun-2020
 9:21 PM
 APPROVED BY / DATE

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Full Spectrum Hemp Extract

Batch ID:	FC061220PM-2000	Test ID:	T000081359
Reported:	19-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	98 - 1957	*ND
Butanes (Isobutane, n-Butane)	180 - 3591	*ND
Methanol	69 - 1371	*ND
Pentane	101 - 2019	*ND
Ethanol	108 - 2152	*ND
Acetone	109 - 2174	*ND
Isopropyl Alcohol	122 - 2446	*ND
Hexane	7 - 132	*ND
Ethyl Acetate	111 - 2225	*ND
Benzene	0.2 - 4.4	*ND
Heptanes	104 - 2078	*ND
Toluene	20 - 399	*ND
Xylenes (m,p,o-Xylenes)	145 - 2906	*ND

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

NOTES:
N/A**FINAL APPROVAL**Daniel Weidensaul
19-Jun-2020
3:32 PMGreg Zimpfer
19-Jun-2020
3:46 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Full Spectrum Hemp Extract

Batch ID:	FC061220PM-2000	Test ID:	T000081362
Reported:	19-Jun-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.075 - 7.52	ND
Cadmium	0.071 - 7.12	ND
Mercury	0.074 - 7.38	ND
Lead	0.072 - 7.21	ND

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

FINAL APPROVALAlex Smith
19-Jun-2020
6:25 AM

PREPARED BY / DATE

Ben Minton
19-Jun-2020
12:36 PM

APPROVED BY / DATE

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