

Certificate of Analysis

Order #: CYP200116-100178 Order Date: 2020-01-16 Collection Date: 2020-01-20 Report Date: 2020-01-24

Batch #: #1141
 Sample #: AAAB334
 Specimen Type: CBD/HEMP Derivative Products (Ingestion)
 Extracted From: Hemp
 Description: 1800mg CBD Drops - Full Spectrum (Original)

Initial Gross Weight: 78281mg
 Density: .92972mg
 Method: SOP-3




Potency
Tested

Residual Solvents
Passed

Heavy Metals
Passed

Microbiology Petrifilm
Passed

Pesticides
Passed





The photos on this report are of a sample collected by the lab and may vary from the final packaging.

CBD Total 6.730%	THC Total 0.245%	CBG Total 0.151%
CBN Total 0.018%	Other Cannabinoids 0.428%	Total Cannabinoids 7.573%

Potency - 11 (Tested)				(HPLC)			
Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)
CBC	3.255	0.350	0.001	CBD	62.319	6.703	0.001
CBDV	0.727	0.078	0.001	CBG	1.407	0.151	0.001
CBN	0.167	0.018	0.001	Delta-8-THC	<LOQ	0.001	
THCA-A	<LOQ	<LOQ	0.001	THCV	<LOQ	0.001	
Total THC	2.281	0.245	0.001	Total CBD	62.571	6.730	0.001

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THC + THCV, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THC + THCV + THCV-A (mg/ml) = Milligrams per Milliliter, , LOQ = Limit of Quantitation


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Certificate of Analysis

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Batch #: #1141 Initial Gross Weight: 72821mg
 Sample #: AAAB334 Density: .92972mg
 Specimen Type: CBD/HEMP Derivative Products (Ingestion) Method: SOP-3
 Extracted From: Hemp
 Description: 1800mg CBD Drops - Full Spectrum (Original)



Residual Solvents (Extract Only) (Passed) (GC/GCMS)

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
Acetone	5000	<LOQ	87.9	Benzene	1.6	<LOQ	1.6	Chloroform	53	<LOQ	53
Ethanol	5000	<LOQ	26.7	Hexane	60	<LOQ	36.6	I-Butane	5000	<LOQ	100
Isopropanol	5000	<LOQ	52.3	Methanol	3000	<LOQ	87.9	N-Butane	5000	<LOQ	200
Pentane	5000	<LOQ	389.5	Toluene	890	<LOQ	38.4				

(ppm) = Parts per Million, (ppm) = (µg/g), , LOQ = Limit of Quantitation

Heavy Metals (Passed) (ICP-MS)

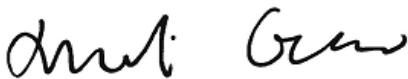
Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100	Cadmium (Cd)	500	<LOQ	100	Lead (Pb)	500	<LOQ	100
Mercury (Hg)	3000	<LOQ	100								

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Microbiology #5 (PetriFilm/Plating) (Passed) (PetriFilm)

Analyte	Result (cfu/g)	LOQ (cfu/g)	Analyte	Result (cfu/g)	LOQ (cfu/g)	Analyte	Result (cfu/g)	LOQ (cfu/g)
Aerobic Bacteria	<100	10	E. Coli / Coliform	<100	10	Yeast/Mold	<100	10

(cfu/g) = Colony Forming Unit per Gram, , LOQ = Limit of Quantitation



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Pesticides (Passed)

(LCMS/MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	300	<LOQ	28.23	Acephate	3000	<LOQ	30	Acequinocyl	2000	<LOQ	48
Acetamiprid	3000	<LOQ	30	Aldicarb	100	<LOQ	30	Azoxystrobin	3000	<LOQ	10
Bifentazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30	Chlorfenapyr	100	<LOQ	48
Chlorpyrifos	100	<LOQ	30	Clofentezine	500	<LOQ	30	Coumaphos	100	<LOQ	30
Cypermethrin	1000	<LOQ	30	Daminozide	100	<LOQ	30	DDVP(Dichlorvos)	100	<LOQ	30
Diazinon	200	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	30
Ethoprop(hos)	100	<LOQ	30	Etofenprox	100	<LOQ	30	Etoazole	1500	<LOQ	30
Fenhexamid	3000	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fipronil	100	<LOQ	30
Flonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	30	Hexythiazox	2000	<LOQ	30
Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30	Kresoxim Methyl	1000	<LOQ	30
Malathion A	2000	<LOQ	30	Metalaxyl	3000	<LOQ	10	Methiocarb	100	<LOQ	30
Methomyl	100	<LOQ	30	Mevinphos	100	<LOQ	30	Myclobutanil	3000	<LOQ	30
Naled	500	<LOQ	30	Oxamyl	500	<LOQ	30	Paclobutrazol	100	<LOQ	30
Parathion-methyl	100	<LOQ	48	Pentachloronitrobenzene	200	<LOQ	30	Permethrin	1000	<LOQ	30
Piperonylbutoxide	3000	<LOQ	30	Prallethrin	400	<LOQ	30	Phosmet	200	<LOQ	30
Propoxur	100	<LOQ	30	Pyrethrins	1000	<LOQ	30	Propiconazole	1000	<LOQ	30
Spinetoram	3000	<LOQ	30	Spinosyn A	3000	<LOQ	30	Pyridaben	3000	<LOQ	30
Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30	Spinosyn D	3000	<LOQ	30
Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30	Spiroxamine	100	<LOQ	30
Trifloxystrobin	3000	<LOQ	30					Thiamethoxam	1000	<LOQ	30

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