

Certificate of Analysis

Order #: FOR200423-010359 Order Date: 2020-04-23 Collection Date: 2020-04-27 Report Date: 2020-04-30

Batch #: 040720-BS-007
 Sample #: AAAF589
 Specimen Type: CBD/HEMP Derivative Products (External Use)
 Extracted From: hemp
 Description: Basic suppositories

Initial Gross Weight: 19003 mg
 Net Weight: 1156 mg
 Method: SOP-3



Potency Tested	Pesticides Passed	Terpenes Tested
Residual Solvents Passed	Heavy Metals Passed	Mycotoxins Passed
Pathogenic Microbiology Passed	Listeria Monocytogenes Passed	



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

CBD Total 6.7870% 78.4577mg	THC Total 0.0086% 0.0997mg	CBG Total 0.1748% 2.0207mg
CBN Total Not Detected	Other Cannabinoids 0.0222% 0.2571mg	Total Cannabinoids 6.9927% 80.8352mg

Potency - 11 (Tested)

Potency - 11 (Tested)				(HPLC)							
Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	<LOQ	0.001		CBD	67.870	6.787	0.001	CBDA	<LOQ	0.001	
CBDV	0.222	0.022	0.001	CBG	1.748	0.175	0.001	CBGA	<LOQ	0.001	
CBN	<LOQ	0.001		Delta-8 THC	<LOQ	0.001		Delta-9 THC	0.086	0.009	0.001
THCA-A	<LOQ	0.001		THCV	<LOQ	0.001		Total CBD	67.870	6.787	0.001
Total THC	0.086	0.009	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 + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Total (mg) = Total (%) ÷ 100 * Net Weight(mg) (mg/g) = Milligram 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	Abamectin A	300	<LOQ	30	Acephate	3000	<LOQ	30
Acequinocyl	2000	<LOQ	48	Acetamiprid	3000	<LOQ	30	Aldicarb	100	<LOQ	30
Azoxystrobin	3000	<LOQ	10	Bifenazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30
Carbaryl	500	<LOQ	10	Chlorfenapyr	100	<LOQ	48	Chlorpyrifos	100	<LOQ	30
Clofentezine	500	<LOQ	30	Coumaphos	100	<LOQ	30	Cyfluthrin	1000	<LOQ	30
Cypermethrin	1000	<LOQ	30	Daminozide	100	<LOQ	30	Diazinon	200	<LOQ	30
Dichlorvos	100	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	30
Ethoprophos	100	<LOQ	30	Etofenprox	100	<LOQ	30	Etoxazole	1500	<LOQ	30
Fenhexamid	3000	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fenpyroximate	2000	<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	Phosmet	200	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Prallethrin	400	<LOQ	30	Propiconazole	1000	<LOQ	30	Propoxur	100	<LOQ	30
Pyrethrins	1000	<LOQ	30	Pyridaben	3000	<LOQ	30	Spinetoram	3000	<LOQ	30
Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30	Spiroxamine	100	<LOQ	30
Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30	Thiamethoxam	1000	<LOQ	30
Trifloxystrobin	3000	<LOQ	30								

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

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Terpenes - FL (Tested)

(GC/GCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
(+)-Cedrol	<LOQ		0.001	(R)-(+)-Limonene	<LOQ		0.001	3-Carene	<LOQ		0.001
Alpha-Bisabolol	<LOQ		0.001	alpha-Cedrene	<LOQ		0.001	alpha-Humulene	<LOQ		0.001
alpha-Phellandrene	<LOQ		0.001	Alpha-Pinene	0.050	0.005	0.001	Alpha-Terpinene	<LOQ		0.001
Borneol	<LOQ		0.001	Beta-Myrcene	<LOQ		0.001	Beta-Pinene	<LOQ		0.001
Caryophyllene oxide	<LOQ		0.001	Camphene	<LOQ		0.001	Camphors	<LOQ		0.001
Fenchyl Alcohol	<LOQ		0.001	cis-Nerolidol	<LOQ		0.001	Eucalyptol	<LOQ		0.001
Guaiol	<LOQ		0.001	Farnesene	<LOQ		0.001	Fenchone	<LOQ		0.001
Isopulegol	<LOQ		0.001	Gamma-Terpinene	<LOQ		0.001	Geraniol	<LOQ		0.001
Ocimene	<LOQ		0.001	Hexahydrothymol	<LOQ		0.001	Geranyl acetate	<LOQ		0.001
Sabinene Hydrate	<LOQ		0.001	Linalool	<LOQ		0.001	Isoborneol	<LOQ		0.001
trans-beta-Ocimene	<LOQ		0.001	Linalool	<LOQ		0.001	Nerol	<LOQ		0.001
				Pulegone	<LOQ		0.001	Sabinene	<LOQ		0.001
				Terpineol	<LOQ		0.001	Terpinolene	<LOQ		0.001
				Trans-Caryophyllene	<LOQ		0.001	trans-Nerolidol	<LOQ		0.001
								Valencene	<LOQ		0.001

(mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation

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

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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	Passed	100
Mercury (Hg)	3000	<LOQ	100								

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Mycotoxins (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)
Aflatoxin B1		<LOQ	6	Aflatoxin B2		<LOQ	6	Aflatoxin G1		<LOQ	6
Aflatoxin G2		<LOQ	6	Aflatoxin Total	20	<LOQ	6	Ochratoxin A	20	<LOQ	12

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

Pathogenic Microbiology #1 (MMTC Compliance Panel) (Passed) (Micro Array)

Analyte	Result	Analyte	Result
Salmonella	Absence	STEC E. Coli	Absence

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Listeria Monocytogenes (Passed)

(qPCR)

Analyte	Remark
Listeria Monocytogenes	Absence

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