

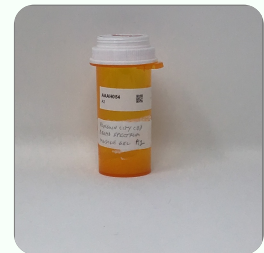
Order #: CAN200527-080009 Order Date: 2020-05-27 Collection Date: 2020-06-04 Report Date: 2020-06-09

Batch #: A2
Sample #: AAAH054
Specimen Type: CBD/HEMP Derivative Products (External Use)
Extracted From: hemp
Description: muscle gel

Initial Gross Weight: 27141 mg
Net Weight: 11499 mg
Method: SOP-3



Potency Tested	Heavy Metals Passed	Mycotoxins Passed
Terpenes Tested	Pathogenic Microbiology Passed	Residual Solvents Passed
Listeria Monocytogenes 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 0.2857% 32.8526mg	THC Total Not Detected	CBG Total Not Detected
CBN Total Not Detected	Other Cannabinoids Not Detected	Total Cannabinoids 0.2857% 32.8526mg

Potency - 11 (Tested)				(HPLC/LCMSMS)			
Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	<LOQ	0.001		CBD	2.857	0.286	0.001
CBDV	<LOQ	0.001		CBG	<LOQ	0.001	
CBN	<LOQ	0.001		Delta-8 THC	<LOQ	0.001	
THCA-A	<LOQ	0.001		THCV	<LOQ	0.001	
Total THC	<LOQ	0.001		Total CBD	2.857	0.286	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

Xueli Gao Lab Toxicologist
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Aixia Sun Principal Scientist
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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	<LOQ	100
Mercury (Hg)	3000	<LOQ	100								

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

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

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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	0.571	0.057	0.001	3-Carene	<LOQ	0.001	
Alpha-Bisabolol	<LOQ	0.001		alpha-Cedrene	<LOQ	0.001		alpha-Humulene	<LOQ	0.001	
alpha-Phellandrene	0.053	0.005	0.001	Alpha-Pinene	0.300	0.030	0.001	Alpha-Terpinene	0.248	0.025	0.001
Borneol	<LOQ	0.001		Beta-Myrcene	0.139	0.014	0.001	Beta-Pinene	0.120	0.012	0.001
Caryophyllene oxide	<LOQ	0.001		Camphene	0.037	0.004	0.001	Camphors	<LOQ	0.001	
Fenchyl Alcohol	<LOQ	0.001		cis-Nerolidol	<LOQ	0.001		Eucalyptol	1.381	0.138	0.001
				Farnesene	<LOQ	0.001		Fenchone	<LOQ	0.001	
Guaiol	<LOQ	0.001		Gamma-Terpinene	0.144	0.014	0.001	Geraniol	0.048	0.005	0.001
Isopulegol	<LOQ	0.001		Hexahydrothymol	3.407	0.341	0.001	Geranyl acetate	<LOQ	0.001	
Ocimene	<LOQ	0.001		Linalool	0.059	0.006	0.001	Isoborneol	<LOQ	0.001	
Sabinene Hydrate	<LOQ	0.001		Linalool	0.059	0.006	0.001	Nerol	<LOQ	0.001	
trans-beta-Ocimene	<LOQ	0.001		Pulegone	<LOQ	0.001		Sabinene	<LOQ	0.001	
				Terpineol	0.043	0.004	0.001	Terpinolene	<LOQ	0.001	
				Trans-Caryophyllene	0.163	0.016	0.001	trans-Nerolidol	<LOQ	0.001	
								Valencene	<LOQ	0.001	

(mg/g) = Milligram per Gram, , 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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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	Passed	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

Listeria Monocytogenes (Passed)

(qPCR)

Analyte	Remark
Listeria Monocytogenes	Absence

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Pesticides FL V4 (Non-Inhalable) (Passed) (LCMS/MS)

Analyte	Action Level	Result	LOQ	Analyte	Action Level	Result	LOQ	Analyte	Action Level	Result	LOQ
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
Bifenazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30	Boscalid	3000	<LOQ	10
Captan	3000	<LOQ	30	Carbaryl	500	<LOQ	10	Carbofuran	100	<LOQ	10
Chlorantraniliprole	3000	<LOQ	10	Chlordane	100	<LOQ	10	Chlorfenapyr	100	<LOQ	30
Chloromequat Chloride	3000	<LOQ	10	Chlorpyrifos	100	<LOQ	30	Clofentezine	500	<LOQ	30
Cypermethrin	1000	<LOQ	30	Coumaphos	100	<LOQ	48	Cyfluthrin	1000	<LOQ	30
Dichlorvos	100	<LOQ	30	Daminozide	100	<LOQ	30	Diazinon	200	<LOQ	30
Ethoprophos	100	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	48
Fenhexamid	3000	<LOQ	10	Etofenprox	100	<LOQ	30	Etoxazole	1500	<LOQ	30
Fipronil	100	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fenpyroximate	2000	<LOQ	30
Hexythiazox	2000	<LOQ	30	Fonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	48
Kresoxim Methyl	1000	<LOQ	30	Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30
Methiocarb	100	<LOQ	30	Malathion_A	1000	<LOQ	30	Metalaxyl	3000	<LOQ	10
Mevinphos	100	<LOQ	10	Methomyl	100	<LOQ	30	methyl-Parathion	100	<LOQ	10
Oxamyl	500	<LOQ	30	Myclobutanil	3000	<LOQ	30	Naled	500	<LOQ	30
Permethrin	1000	<LOQ	30	Paclobutrazol	100	<LOQ	30	Pentachloronitrobenzene	200	<LOQ	10
Prallethrin	400	<LOQ	30	Phosmet	200	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Pyrethrins	1000	<LOQ	30	Propiconazole	1000	<LOQ	30	Propoxur	100	<LOQ	30
Spinosad	3000	<LOQ	30	Pyridaben	3000	<LOQ	30	Spinetoram	3000	<LOQ	10
Spiroxamine	100	<LOQ	30	Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30
Thiamethoxam	1000	<LOQ	30	Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30
				Trifloxystrobin	3000	<LOQ	30				

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