



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 211015-THCVSM
Batch Date: 2021-10-13
Extracted From: HEMP

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH211013-200003
Order Date: 2021-10-13
Sample # AACB106

Sampling Date: 2021-10-15
Lab Batch Date: 2021-10-15
Completion Date: 2021-11-08

Initial Gross Weight: 12.590 g



Product Image

Potency
Tested

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual
Solvents
Passed

Pathogenic
Microbiology
Passed

Listeria
Monocytogenes
Passed

Delta 8/Delta 10 Potency 12

Tested
(LCUV)

Potency Summary

Specimen Weight: 58.900 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	679.600	67.960
CBC	10.000	0.000018	0.001	79.390	7.939
THCV	10.000	0.000007	0.001	4.287	0.429
CBN	10.000	0.000014	0.001	1.688	0.169
CBD	10.000	0.000054	0.001	0.363	0.036
CBDA	10.000	0.00001	0.001	0.349	0.035
CBGA	10.000	0.00008	0.001	0.305	0.031
CBG	10.000	0.000248	0.001	<LOQ	
CBDV	10.000	0.000065	0.001	<LOQ	
Delta-9 THC	10.000	0.000013	0.001	<LOQ	
Delta-10 THC	10.000	0.000003	0.001	<LOQ	
THCA-A	10.000	0.000032	0.001	<LOQ	

Total Delta 8 67.960%	Total Delta 10 None Detected
Total THC None Detected	Total CBD 0.067%
Total CBG 0.027%	Total CBN 0.343%
Other Cannabinoids 17.983%	Total Cannabinoids 86.381%

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	19.004	1.9%
trans-Caryophyllene	10.127	1.013%
beta-Myrcene	8.687	0.869%
Linalool	3.389	0.339%
beta-Pinene	2.408	0.241%
alpha-Pinene	1.757	0.176%
Total Terpineol	1.718	0.172%
Sabinene Hydrate	1.407	0.141%
alpha-Humulene	1.069	0.107%
alpha-Bisabolol	0.912	0.091%
Camphene	0.612	0.061%
Terpinolene	0.555	0.056%
alpha-Phellandrene	0.512	0.051%

Total Terpenes: 5.217%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Lab Toxicologist
Ph.D., DABT

Aixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87), *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC, *Total THC-O-Acetate = Delta 8 THC-O-Acetate + THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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Order Date: 2021-10-13
Sample # AACB106

Sampling Date: 2021-10-15
Lab Batch Date: 2021-10-15
Completion Date: 2021-11-08

Initial Gross Weight: 12.590 g



Terpenes

Specimen Weight: 58.900 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.02	19.004	1.900	trans-Caryophyllene	0.02	10.127	1.013
beta-Myrcene	0.02	8.687	0.869	Linalool	0.02	3.389	0.339
beta-Pinene	0.02	2.408	0.241	alpha-Pinene	0.02	1.757	0.176
Total Terpeneol	0.02	1.718	0.172	Sabinene Hydrate	0.02	1.407	0.141
alpha-Humulene	0.02	1.069	0.107	alpha-Bisabolol	0.02	0.912	0.091
Camphene	0.02	0.612	0.061	Terpinolene	0.02	0.555	0.056
alpha-Phellandrene	0.02	0.512	0.051	Isoborneol	0.02	<LOQ	
Nerol	0.02	<LOQ		Hexahydrothymol	0.02	<LOQ	
Isopulegol	0.02	<LOQ		(+)-Cedrol	0.02	<LOQ	
Ocimene	0.014	<LOQ		Pulegone	0.02	<LOQ	
Sabinene	0.02	<LOQ		Geranyl acetate	0.02	<LOQ	
trans-Nerolidol	0.02	<LOQ		Guaial	0.02	<LOQ	
Fenchone	0.02	<LOQ		Geraniol	0.02	<LOQ	
3-Carene	0.02	<LOQ		alpha-Cedrene	0.02	<LOQ	
alpha-Terpinene	0.02	<LOQ		Borneol	0.04	<LOQ	
Camphors	0.04	<LOQ		Caryophyllene oxide	0.02	<LOQ	
cis-Nerolidol	0.02	<LOQ		Eucalyptol	0.02	<LOQ	
Farnesene	0.02	<LOQ		Fenchyl Alcohol	0.02	<LOQ	
Gamma-Terpinene	0.02	<LOQ		Valencene	0.02	<LOQ	

Total Terpenes: 5.217%

Xueli Gao
Lab Toxicologist
Ph.D., DABT

Aixia Sun
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Initial Gross Weight: 12.590 g



Potency - 20

Specimen Weight: 152.970 mg

Tested
(HPLC)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.002	679.600	67.960
Delta-8 THCV	10.000	0.00004	0.002	91.750	9.175
CBC	10.000	0.000018	0.002	79.390	7.939
CBT	10.000	0.0002	0.002	4.407	0.441
THCV	10.000	0.000007	0.002	4.287	0.429
CBNA	10.000	0.000095	0.002	1.991	0.199
CBN	10.000	0.000014	0.002	1.688	0.169
CBD	10.000	0.000054	0.002	0.363	0.036
CBD-A	10.000	0.00001	0.002	0.349	0.035
CBGA	10.000	0.00008	0.002	0.305	0.031
CBG	10.000	0.000248	0.002	<LOQ	
THCVA	10.000	0.000047	0.002	<LOQ	
THCA-A	10.000	0.000032	0.002	<LOQ	
Exo-THC	10.000	0.00023	0.002	<LOQ	
CBCA	10.000	0.000107	0.002	<LOQ	
CBDV	10.000	0.000065	0.002	<LOQ	
CBDVA	10.000	0.000014	0.002	<LOQ	
Delta-10 THC	10.000	0.000003	0.002	<LOQ	
CBL	10.000	0.000035	0.002	<LOQ	
Delta-9 THC	10.000	0.000013	0.002	<LOQ	

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Initial Gross Weight: 12.590 g



Heavy Metals

Specimen Weight: 247.600 mg

Passed
(ICP-MS)

Dilution Factor: 2.000

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



Mycotoxins

Specimen Weight: 152.970 mg

Passed
(LCMS)

Dilution Factor: 9.806

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

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Lab Toxicologist

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Lab Director/Principal Scientist



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Initial Gross Weight: 12.590 g



Pesticides FL V4

Specimen Weight: 152.970 mg

Passed
(LCMS/GCMS)

Dilution Factor: 9.806

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Acephate	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Boscalid	10	3000	<LOQ	Captan	30	3000	<LOQ
Carbaryl	10	500	<LOQ	Carbofuran	10	100	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Chlordane	10	100	<LOQ
Chlorfenapyr	30	100	<LOQ	Chloromequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	48	100	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	100	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	100	<LOQ	Dimethomorph	48	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	10	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	48	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metaxalyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Paclobutrazol	30	100	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Permethrin	30	1000	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	3000	<LOQ	Prallethrin	30	400	<LOQ
Propiconazole	30	1000	<LOQ	Propoxur	30	100	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	3000	<LOQ
Spinetoram	10	3000	<LOQ	Spinosad	30	3000	<LOQ
Spiromesifen	30	3000	<LOQ	Spirotetramat	30	3000	<LOQ
Spiroxamine	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Thiacloprid	30	100	<LOQ	Thiamethoxam	30	1000	<LOQ
Trifloxystrobin	30	3000	<LOQ				

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Initial Gross Weight: 12.590 g



Residual Solvents - FL (CBD)

Specimen Weight: 12.600 mg

Passed
(GCMS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.16	8	<LOQ	1,2-Dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

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Order Date: 2021-10-13
Sample # AACB106

Sampling Date: 2021-10-15
Lab Batch Date: 2021-10-15
Completion Date: 2021-11-08

Initial Gross Weight: 12.590 g



Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1050.000 mg

Passed
(Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g	Aspergillus terreus	Absence in 1g
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g



Listeria Monocytogenes

Specimen Weight: 972.500 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87), *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC, *Total THC-O-Acetate = Delta 8 THC-O-Acetate + THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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