



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 220426-THCVSM
Batch Date: 2022-04-25
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH220426-200001
Order Date: 2022-04-26
Sample # AACT307

Sampling Date: 2022-04-29
Lab Batch Date: 2022-04-29
Completion Date: 2022-05-04

Initial Gross Weight: 101.000 g



Product Image

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

Potency 21 (LCUV)

Specimen Weight: 58.580 mg

Tested
SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.0015	743.4900	74.3490
Delta-8 THCV	10.000	0.000004	0.0015	111.4000	11.1400
CBC	10.000	0.000018	0.0015	93.0700	9.3070
THCV	10.000	0.000007	0.0015	5.8550	0.5855
CBT	10.000	0.0002	0.0015	3.2420	0.3242
CBNA	10.000	0.000095	0.0015	1.9460	0.1946
CBN	10.000	0.000014	0.0015	1.5950	0.1595
CBD	10.000	0.000054	0.0015	0.3860	0.0386
CBDVA	10.000	0.000014	0.0015	<LOQ	<LOQ
THCVA	10.000	0.000047	0.0015	<LOQ	<LOQ
Exo-THC	10.000	0.000023	0.0015	<LOQ	<LOQ
THCA	10.000	0.000032	0.0015	<LOQ	<LOQ
CBG	10.000	0.000248	0.0015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	0.000077	0.0003	<LOQ	<LOQ
CBCA	10.000	0.000107	0.0015	<LOQ	<LOQ
CBDA	10.000	0.000001	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	0.000027	0.0003	<LOQ	<LOQ
CBDV	10.000	0.000065	0.0015	<LOQ	<LOQ
CBL	10.000	0.000035	0.0015	<LOQ	<LOQ
CBGA	10.000	0.000008	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.0015	<LOQ	<LOQ

Potency Summary

Total THC None Detected	Total CBD 0.039%
Total CBG None Detected	Total CBN 0.330%
Other Cannabinoids 95.706%	Total Cannabinoids 96.074%

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	14.036	1.404%
trans-Caryophyllene	7.984	0.798%
beta-Myrcene	6.725	0.672%
Linalool	2.48	0.248%
beta-Pinene	2.079	0.208%
alpha-Pinene	1.848	0.185%
Hexahydrothymol	1.768	0.177%
Fenchyl Alcohol	1.306	0.131%
alpha-Bisabolol	0.791	0.079%

Total Terpenes: 3.902%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
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), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + 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, 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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Sample # AACT307

Sampling Date: 2022-04-29
Lab Batch Date: 2022-04-29
Completion Date: 2022-05-04

Initial Gross Weight: 101.000 g

Terpenes

Specimen Weight: 49.880 mg

Tested
SOP13.023 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.002	14.036	1.404	trans-Nerolidol	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	7.984	0.798	Guaiol	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	6.725	0.672	(+)-Cedrol	0.002	<LOQ	<LOQ
Linalool	0.002	2.480	0.248	Geraniol	0.002	<LOQ	<LOQ
beta-Pinene	0.002	2.079	0.208	Gamma-Terpinene	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	1.848	0.185	Fenchone	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	1.768	0.177	Farnesene	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	1.306	0.131	Eucalyptol	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	0.791	0.079	cis-Nerolidol	0.002	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	alpha-Humulene	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 3.902%

Mycotoxins

Specimen Weight: 254.100 mg

Passed
SOP13.007 (LCMS)

Heavy Metals

Specimen Weight: 253.650 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 5.903

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

Dilution Factor: 197

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

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Initial Gross Weight: 101.000 g

Pesticides FL V4 **Passed** **Residual Solvents - FL (CBD)** **Passed**
Specimen Weight: 254.100 mg SOP13.007 (LCMS/GCMS) Specimen Weight: 8.800 mg SOP13.039 (GCMS)

Dilution Factor: 5.903

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

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

Pathogenic SAE (qPCR) **Passed**
Specimen Weight: 242.220 mg SOP13.010 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Fla vus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

Listeria Monocytogenes **Passed**
Specimen Weight: 997.600 mg SOP13.010 (qPCR)

Dilution Factor: 1.000

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

Xueli Gao Lab Toxicologist
Ph.D., DABT

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



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