



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-D8HA
Batch Date: 2022-04-25
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH220426-040001
Order Date: 2022-04-26
Sample # AACT339

Sampling Date: 2022-04-29
Lab Batch Date: 2022-04-29
Completion Date: 2022-05-03

Initial Gross Weight: 100.000 g



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Listeria
Monocytogenes
Passed

Pathogenic
Passed

Delta 8/Delta 10 Potency 12

Specimen Weight: 58.520 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	0.000026	0.001	656.900	65.690
CBC	0.000018	0.001	147.400	14.740
CBD	0.000054	0.001	25.930	2.593
CBG	0.000248	0.001	25.230	2.523
CBGA	0.00008	0.001	<LOQ	<LOQ
CBDA	0.00001	0.001	<LOQ	<LOQ
CBDV	0.000065	0.001	<LOQ	<LOQ
CBN	0.000014	0.001	<LOQ	<LOQ
THCA	0.000032	0.001	<LOQ	<LOQ
Delta-9 THC	0.000013	0.001	<LOQ	<LOQ
Delta-10 THC	0.000003	0.001	<LOQ	<LOQ
THCV	0.000007	0.001	<LOQ	<LOQ

Tested
SOP13.043 (LCUV)

Potency Summary

Total Delta 8 65.690%	Total Delta 10 None Detected
Total THC None Detected	Total CBD 2.593%
Total CBG 2.523%	Total CBN None Detected
Other Cannabinoids 14.740%	Total Cannabinoids 85.546%

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	9.62	0.962%
beta-Pinene	7.09	0.709%
(R)-(+)-Limonene	6.5	0.65%
Terpinolene	3.73	0.373%
Fenchyl Alcohol	2.22	0.222%
Linalool	2.16	0.216%
alpha-Pinene	1.88	0.188%
beta-Myrcene	1.82	0.182%
alpha-Humulene	1.8	0.18%
3-Carene	1.5	0.15%
Total Terpineol	1.34	0.134%

Total Terpenes: 3.966%

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 = Delta 8-THC + Delta 9-THC + Total CBN + CBT + Delta 8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta 10-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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Initial Gross Weight: 100.000 g



Terpenes

Specimen Weight: 59.880 mg

Tested

None Found - Add on Testing Tab! (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	9.620	0.962	Isoborneol	0.002	<LOQ	
beta-Pinene	0.002	7.090	0.709	Hexahydrothymol	0.002	<LOQ	
(R)-(+)-Limonene	0.002	6.500	0.650	(+)-Cedrol	0.002	<LOQ	
Terpinolene	0.002	3.730	0.373	Geranyl acetate	0.002	<LOQ	
Fenchyl Alcohol	0.002	2.220	0.222	Geraniol	0.002	<LOQ	
Linalool	0.002	2.160	0.216	Gamma-Terpinene	0.002	<LOQ	
alpha-Pinene	0.002	1.880	0.188	Fenchone	0.002	<LOQ	
beta-Myrcene	0.002	1.820	0.182	Farnesene	0.002	<LOQ	
alpha-Humulene	0.002	1.800	0.180	Eucalyptol	0.002	<LOQ	
3-Carene	0.002	1.500	0.150	cis-Nerolidol	0.002	<LOQ	
Total Terpeneol	0.001	1.340	0.134	Caryophyllene oxide	0.002	<LOQ	
trans-Nerolidol	0.002	<LOQ		Camphors	0.006	<LOQ	
Guaiol	0.002	<LOQ		Camphene	0.002	<LOQ	
Sabinene Hydrate	0.002	<LOQ		Borneol	0.004	<LOQ	
Sabinene	0.002	<LOQ		alpha-Terpinene	0.002	<LOQ	
Pulegone	0.002	<LOQ		alpha-Phellandrene	0.002	<LOQ	
Ocimene	0.000	<LOQ		alpha-Cedrene	0.002	<LOQ	
Nerol	0.002	<LOQ		alpha-Bisabolol	0.002	<LOQ	
Isopulegol	0.002	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 3.966%



Mycotoxins

Specimen Weight: 265.400 mg

Passed
SOP13.007 (LCMS)

Heavy Metals

Specimen Weight: 249.400 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 5.652

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	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	Arsenic (As)	100	1500	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ	Cadmium (Cd)	100	500	<LOQ
Aflatoxin G1	6	20	<LOQ					Lead (Pb)	100	500	<LOQ
								Mercury (Hg)	100	3000	<LOQ

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Pesticides FL V4

Specimen Weight: 265.400 mg

Passed
SOP13.007
(LCMS/GCMS)



Residual Solvents - FL (CBD)

Specimen Weight: 12.800 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 5.652

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 Chloride	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	<LOQ	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)

Specimen Weight: 261.820 mg

Passed
SOP13.010 (qPCR)

Dilution Factor: 1.000

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



Listeria Monocytogenes

Specimen Weight: 994.700 mg

Passed
SOP13.010 (qPCR)

Dilution Factor: 1.000

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

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