



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

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 220610-CBDF0
Batch Date: 2022-06-09
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH220609-090001
Order Date: 2022-06-09
Sample # AACX787

Sampling Date: 2022-06-13
Lab Batch Date: 2022-06-13
Completion Date: 2022-06-17

Initial Gross Weight: 99.955 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: 45.380 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	5.40E-5	0.001	359.120	35.912
CBC	1.80E-5	0.001	86.980	8.698
CBN	1.40E-5	0.001	48.640	4.864
CBG	2.48E-4	0.001	17.270	1.727
CBDV	6.50E-5	0.001	8.760	0.876
Delta-10 THC	3.00E-6	0.001	<LOQ	<LOQ
Delta-8 THC	2.60E-5	0.001	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
THCA	3.20E-5	0.001	<LOQ	<LOQ
CBGA	8.00E-5	0.001	<LOQ	<LOQ
CBDA	1.00E-5	0.001	<LOQ	<LOQ
THCV	7.00E-6	0.001	<LOQ	<LOQ

Tested

SOP13.043 (LCUV)



Potency Summary

Total Delta 8 None Detected	Total Delta 10 None Detected
Total THC None Detected	Total CBD 35.912%
Total CBG 1.727%	Total CBN 4.864%
Other Cannabinoids 9.574%	Total Cannabinoids 52.077%



Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Bisabolol	20.863	2.086%
Farnesene	10.355	1.036%
(R)-(+)-Limonene	8.035	0.804%
beta-Myrcene	6.471	0.647%
Ocimene	6.169	0.617%
Terpinolene	5.158	0.516%
trans-Caryophyllene	3.67	0.367%
Guaiol	2.201	0.222%
(+)-Cedrol	1.582	0.158%
trans-Nerolidol	1.175	0.118%
beta-Pinene	1.142	0.114%
alpha-Pinene	0.91	0.091%

Total Terpenes: 6.774%

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 6a10a-THC + Delta 8-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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Completion Date: 2022-06-17

Initial Gross Weight: 99.955 g



Terpenes

Specimen Weight: 45.380 mg

Tested

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.002	20.863	2.086	Total Terpeneol	0.001	<LOQ	
Farnesene	0.002	10.355	1.036	Hexahydrothymol	0.002	<LOQ	
(R)-(+)-Limonene	0.002	8.035	0.804	Fenchyl Alcohol	0.002	<LOQ	
beta-Myrcene	0.002	6.471	0.647	Geranyl acetate	0.002	<LOQ	
Ocimene	0.000	6.169	0.617	Geraniol	0.002	<LOQ	
Terpinolene	0.002	5.158	0.516	Gamma-Terpinene	0.002	<LOQ	
trans-Caryophyllene	0.002	3.670	0.367	Fenchone	0.002	<LOQ	
Guaiol	0.002	2.201	0.220	Eucalyptol	0.002	<LOQ	
(+)-Cedrol	0.002	1.582	0.158	cis-Nerolidol	0.002	<LOQ	
trans-Nerolidol	0.002	1.175	0.118	Caryophyllene oxide	0.002	<LOQ	
beta-Pinene	0.002	1.142	0.114	Camphors	0.006	<LOQ	
alpha-Pinene	0.002	0.910	0.091	Camphene	0.002	<LOQ	
Sabinene	0.002	<LOQ		Borneol	0.004	<LOQ	
Pulegone	0.002	<LOQ		alpha-Terpinene	0.002	<LOQ	
Sabinene Hydrate	0.002	<LOQ		alpha-Phellandrene	0.002	<LOQ	
Nerol	0.002	<LOQ		alpha-Humulene	0.002	<LOQ	
Linalool	0.002	<LOQ		alpha-Cedrene	0.002	<LOQ	
Isopulegol	0.002	<LOQ		3-Carene	0.002	<LOQ	
Isoborneol	0.002	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 6.774%



Mycotoxins

Specimen Weight: 269.500 mg

Passed

SOP13.007 (LCMS)



Heavy Metals

Specimen Weight: 253.190 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 5.566

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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Pesticides FL V4

Specimen Weight: 269.500 mg

Passed
SOP13.007
(LCMS/GCMS)



Residual Solvents - FL (CBD)

Specimen Weight: 220.600 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 5.566

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: 50.000

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: 250.680 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: 988.400 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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