



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

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 220502-THCVBD
Batch Date: 2022-04-26
Extracted From: Hemp

Test Reg State: Florida

Order # 3CH220502-200001
Order Date: 2022-05-02
Sample # AACT949

Sampling Date: 2022-05-04
Lab Batch Date: 2022-05-04
Completion Date: 2022-05-11

Initial Gross Weight: 89.670 g



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Listeria
Monocytogenes
Passed

Potency 21 (LCUV)

Specimen Weight: 57.670 mg

Tested

SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	1000.000	0.000026	0.0015	675.5000	67.5500
Delta-8 THCV	100.000	0.00004	0.0015	103.6000	10.3600
CBC	100.000	0.000018	0.0015	93.7400	9.3740
Delta-8 THC-O Acetate	100.000	0.000027	0.0003	10.1300	1.0130
THCV	100.000	0.000007	0.0015	6.2120	0.6212
CBT	100.000	0.00002	0.0015	3.2300	0.3230
CBDVA	100.000	0.000014	0.0015	<LOQ	<LOQ
CBD	100.000	0.000054	0.0015	<LOQ	<LOQ
THCVA	100.000	0.000047	0.0015	<LOQ	<LOQ
Exo-THC	100.000	0.00023	0.0015	<LOQ	<LOQ
THCA	100.000	0.000032	0.0015	<LOQ	<LOQ
CBG	100.000	0.000248	0.0015	<LOQ	<LOQ
Delta-9 THC-O Acetate	100.000	0.000077	0.0003	<LOQ	<LOQ
CBCA	100.000	0.000107	0.0015	<LOQ	<LOQ
CBDA	100.000	0.00001	0.0015	<LOQ	<LOQ
CBDV	100.000	0.000065	0.0015	<LOQ	<LOQ
CBNA	100.000	0.000095	0.0015	<LOQ	<LOQ
CBN	100.000	0.000014	0.0015	<LOQ	<LOQ
CBL	100.000	0.000035	0.0015	<LOQ	<LOQ
CBGA	100.000	0.00008	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	0.000013	0.0015	<LOQ	<LOQ

Potency Summary

Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 89.241%	Total Cannabinoids 89.241%

Terpenes Summary

Analyte	Result (mg/g)	(%)
beta-Pinene	17.64	1.764%
alpha-Pinene	9.63	0.963%
trans-Caryophyllene	9.01	0.901%
(R)-(+)-Limonene	4.43	0.443%
beta-Myrcene	3.52	0.352%
Linalool	2.26	0.226%
alpha-Phellandrene	2.12	0.212%
alpha-Bisabolol	1.96	0.196%
alpha-Humulene	1.78	0.178%

Total Terpenes: 5.235%

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 = Delta8a10a-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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Sampling Date: 2022-05-04
Lab Batch Date: 2022-05-04
Completion Date: 2022-05-11

Initial Gross Weight: 89.670 g

Terpenes **Tested**
SOP13.023 (GC/GCMS)
Specimen Weight: 60.650 mg

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Pinene	0.002	17.640	1.764	Total Terpeneol	0.001	<LOQ	<LOQ
alpha-Pinene	0.002	9.630	0.963	trans-Nerolidol	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	9.010	0.901	Hexahydrothymol	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	4.430	0.443	Fenchyl Alcohol	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	3.520	0.352	Geranyl acetate	0.002	<LOQ	<LOQ
Linalool	0.002	2.260	0.226	Geraniol	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	2.120	0.212	Gamma-Terpinene	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	1.960	0.196	Fenchone	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	1.780	0.178	Farnesene	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Guaiol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 5.235%

Mycotoxins
Specimen Weight: 266.900 mg

Passed
SOP13.007 (LCMS)

Heavy Metals
Specimen Weight: 252.620 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 5.620

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: 89.670 g

Pesticides FL V4
Specimen Weight: 266.900 mg

Passed
SOP13.007
(LCMS/GCMS)



Residual Solvents - FL (CBD)

Specimen Weight: 11.000 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 5.620

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	Metaxalyl	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-Dichloroetha ne	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroetha ne	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcoho l	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	<LOQ
Benzene	0.02	2	<LOQ	Methylene chlori de	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	Trichloroethylen e	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				



Listeria Monocytogenes

Specimen Weight: 1004.500 mg

Passed
SOP13.010 (qPCR)

Dilution Factor: 1.000

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

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D.H.Sc., M.Sc., B.Sc., MT (AAB)



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