



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

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 15SEP2022-D10BG
Batch Date: 2022-09-15
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH220920-100001
Order Date: 2022-09-20
Sample # AADL597

Sampling Date: 2022-09-24
Lab Batch Date: 2022-09-24
Completion Date: 2022-10-01

Initial Gross Weight: 11.982 g



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

2,3-Butanedione
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Pathogenic Microbiology
Passed

Listeria Monocytogenes
Passed

Vitamin E
Passed

Delta 8/Delta 10 Potency 13 - (LCUV)

Tested
SOP13.052 (LCUV)

Specimen Weight: 45.160 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	2.60E-5	0.0015	739.140	73.914
Delta6a10a-THC	8.47E-5	0.0015	150.720	15.072
Delta-10 THC	3.00E-6	0.0015	11.990	1.199
CBD	5.40E-5	0.0015	5.650	0.565
CBC	1.80E-5	0.0015	<LOQ	
CBDA	1.00E-5	0.0015	<LOQ	
CBDV	6.50E-5	0.0015	<LOQ	
CBG	2.48E-4	0.0015	<LOQ	
CBGA	8.00E-5	0.0015	<LOQ	
CBN	1.40E-5	0.0015	<LOQ	
Delta-9 THC	1.30E-5	0.1	<LOQ	
THCA	3.20E-5	0.0015	<LOQ	
THCV	7.00E-6	0.0015	<LOQ	

Potency Summary

Total Active THC None Detected	Total Active CBD 0.565%
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 90.185%	Total Cannabinoids 90.750%

Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Pinene	7.5	0.75%
beta-Myrcene	4.11	0.411%
trans-Caryophyllene	3.21	0.321%
(R)-(+)-Limonene	2.7	0.27%
beta-Pinene	2.59	0.259%
(+)-Cedrol	1.77	0.177%
Linalool	1.45	0.145%

Total Terpenes: 2.333%

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)



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Pesticides FL V4

Specimen Weight: 272.400 mg

Dilution Factor: 5.510

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlomequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ					

Passed
SOP13.007
(LCMS/GCMS)



Pathogenic Microbiology SAE (MicroArray)

Passed
SOP13.019
(Micro Array)

Specimen Weight: 1026.120 mg

Dilution Factor: 1.000

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



2,3-butanedione(Diacetyl)

Specimen Weight: 13.300 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	.024	0.024	<LOQ



Listeria Monocytogenes

Specimen Weight: 997.770 mg

Dilution Factor: 1.000

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



Vitamin E (Tocopheryl Acetate)

Passed
SOP13.007 (LC-MS)

Specimen Weight: 272.400 mg

Dilution Factor: 5.510

Analyte	LOD (ppb)	Result (ppb)
Tocophery acetate (vitamin E acetate)	.705	<LOQ

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Terpenes

Specimen Weight: 45.160 mg

Tested

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Pinene	0.002	7.500	0.750	Farnesene	0.002	<LOQ	
beta-Myrcene	0.002	4.110	0.411	Fenchone	0.002	<LOQ	
trans-Caryophyllene	0.002	3.210	0.321	Fenchyl Alcohol	0.002	<LOQ	
(R)-(+)-Limonene	0.002	2.700	0.270	Gamma-Terpinene	0.002	<LOQ	
beta-Pinene	0.002	2.590	0.259	Geraniol	0.002	<LOQ	
(+)-Cedrol	0.002	1.770	0.177	Geranyl acetate	0.002	<LOQ	
Linalool	0.002	1.450	0.145	Guaiol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Hexahydrothymol	0.002	<LOQ	
alpha-Bisabolol	0.002	<LOQ		Isobomeol	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		Isopulegol	0.002	<LOQ	
alpha-Humulene	0.002	<LOQ		Nerol	0.002	<LOQ	
alpha-Phellandrene	0.002	<LOQ		Ocimene	0.00033	<LOQ	
alpha-Terpinene	0.002	<LOQ		Pulegone	0.002	<LOQ	
Borneol	0.004	<LOQ		Sabinene	0.002	<LOQ	
Camphene	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
Camphors	0.006	<LOQ		Terpinolene	0.002	<LOQ	
Caryophyllene oxide	0.002	<LOQ		Total Terpineol	0.00126	<LOQ	
cis-Nerolidol	0.002	<LOQ		trans-Nerolidol	0.002	<LOQ	
Eucalyptol	0.002	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 2.333%



Residual Solvents - FL (CBD)

Specimen Weight: 13.300 mg

Passed

SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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Lab Director/Principal Scientist



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Mycotoxins

Specimen Weight: 272.400 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 5.510

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					



Heavy Metals

Specimen Weight: 250.960 mg

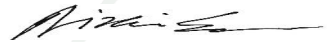
Passed

SOP13.048 (ICP-MS)

Dilution Factor: 199

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ


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