



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 210816-CN
Batch Date: 2021-08-16
Extracted From: HEMP

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH210816-010005
Order Date: 2021-08-16
Sample # AABT849

Sampling Date: 2021-08-18
Lab Batch Date: 2021-08-18
Completion Date: 2021-08-26

Initial Gross Weight: 23.953 g



Product Image

**Potency
Tested**
 **Residual
Solvents
Passed**

**Terpenes
Tested**
 **Pathogenic
Microbiology
Passed**

**Heavy Metals
Passed**
 **Listeria
Monocytogenes
Passed**

**Mycotoxins
Passed**

**Pesticides
Passed**

Delta 8/Delta 10 Potency 12

Specimen Weight: 52.560 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBN	100.000	0.000014	0.001	424.000	42.400
Delta-8 THC	100.000	0.000026	0.001	399.800	39.980
CBC	100.000	0.000018	0.001	95.370	9.537
CBD	100.000	0.000054	0.001	7.162	0.716
CBG	100.000	0.000248	0.001	3.797	0.380
THCA-A	100.000	0.000032	0.001	<LOQ	
CBDA	100.000	0.00001	0.001	<LOQ	
CBDV	100.000	0.000065	0.001	<LOQ	
Delta-9 THC	100.000	0.000013	0.001	<LOQ	
THCV	100.000	0.000007	0.001	<LOQ	
CBGA	100.000	0.000008	0.001	<LOQ	
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	

**Tested
(LCUV)**

Potency Summary

Total Delta 8 39.980%	Total Delta 10 None Detected
Total THC None Detected	Total CBD 0.716%
Total CBG 0.380%	Total CBN 42.400%
Other Cannabinoids 9.537%	Total Cannabinoids 93.013%

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	14.339	1.434%
alpha-Bisabolol	9.62	0.962%
alpha-Humulene	6.867	0.687%
Linalool	4.153	0.415%
trans-Nerolidol	2.016	0.202%
beta-Myrcene	1.35	0.135%
Geraniol	1.025	0.103%
Nerol	0.756	0.076%
(R)-(+)-Limonene	0.748	0.075%
Geranyl acetate	0.746	0.075%
Caryophyllene oxide	0.711	0.071%
Ocimene	0.4	0.04%

Total Terpenes: 4.275%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Terpenes - FL

Specimen Weight: 52.560 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.02	14.339	1.434	alpha-Bisabolol	0.02	9.620	0.962
alpha-Humulene	0.02	6.867	0.687	Linalool	0.02	4.153	0.415
trans-Nerolidol	0.02	2.016	0.202	beta-Myrcene	0.02	1.350	0.135
Geraniol	0.02	1.025	0.103	Nerol	0.02	0.756	0.076
(R)-(+)-Limonene	0.02	0.748	0.075	Geranyl acetate	0.02	0.746	0.075
Caryophyllene oxide	0.02	0.711	0.071	Ocimene	0.014	0.400	0.040
Sabinene Hydrate	0.02	<LOQ		Sabinene	0.02	<LOQ	
Pulegone	0.02	<LOQ		Terpinolene	0.02	<LOQ	
Total Terpeneol	0.02	<LOQ		Isopulegol	0.02	<LOQ	
Isoborneol	0.02	<LOQ		Hexahydrothymol	0.02	<LOQ	
Guaiol	0.02	<LOQ		(+)-Cedrol	0.02	<LOQ	
Fenchone	0.02	<LOQ		3-Carene	0.02	<LOQ	
alpha-Cedrene	0.02	<LOQ		alpha-Phellandrene	0.02	<LOQ	
alpha-Pinene	0.02	<LOQ		alpha-Terpinene	0.02	<LOQ	
beta-Pinene	0.02	<LOQ		Gamma-Terpinene	0.02	<LOQ	
Borneol	0.04	<LOQ		Camphene	0.02	<LOQ	
Camphors	0.04	<LOQ		cis-Nerolidol	0.02	<LOQ	
Eucalyptol	0.02	<LOQ		Farnesene	0.02	<LOQ	
Fenchyl Alcohol	0.02	<LOQ		Valencene	0.02	<LOQ	

Total Terpenes: 4.275%

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



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Heavy Metals

Specimen Weight: 246.900 mg

Passed
(ICP-MS)

Dilution Factor: 2.000

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



Mycotoxins

Specimen Weight: 191.200 mg

Passed
(LCMS)

Dilution Factor: 7.845

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

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Pesticides FL V4 **Passed**
(LCMS/GCMS)

Specimen Weight: 173.900 mg

Dilution Factor: 7.845

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

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Aixia Sun
Aixia Sun Lab Director/Principal Scientist
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Residual Solvents - FL (CBD)

Specimen Weight: 10.300 mg

Passed
(GCMS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetone	2.08	5000	<LOQ	Benzene	0.02	2	<LOQ
Butanes	2.5	2000	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Pentane	2.08	5000	<LOQ
Propane	5.83	2100	<LOQ	Toluene	2.92	890	<LOQ
Total Xylenes	2.92	2170	<LOQ				



Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1006.600 mg

Passed
(Micro Array)

Dilution Factor: 1.000

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

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Listeria Monocytogenes

Specimen Weight: 1014.600 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

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