



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

# Certificate of Analysis

## Compliance Test

**3CHI**  
274 MEDICAL DR # 875  
CARMEL, IN 46082

Batch # 211215-UB  
Batch Date: 2021-12-15  
Extracted From: HEMP

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # 3CH211215-160001  
Order Date: 2021-12-15  
Sample # AACG901

Sampling Date: 2021-12-18  
Lab Batch Date: 2021-12-18  
Completion Date: 2021-12-22

Initial Gross Weight: 8.541 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

Tested (LCUV)

Specimen Weight: 56.160 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	0.000026	0.001	883.100	88.310
THCV	0.000007	0.001	<LOQ	<LOQ
Delta-9 THC	0.000013	0.001	<LOQ	<LOQ
Delta-10 THC	0.000003	0.001	<LOQ	<LOQ
CBN	0.000014	0.001	<LOQ	<LOQ
CBGA	0.00008	0.001	<LOQ	<LOQ
CBG	0.000248	0.001	<LOQ	<LOQ
CBDV	0.000065	0.001	<LOQ	<LOQ
CBDA	0.00001	0.001	<LOQ	<LOQ
CBD	0.000054	0.001	<LOQ	<LOQ
CBC	0.000018	0.001	<LOQ	<LOQ
THCA-A	0.000032	0.001	<LOQ	<LOQ

### Potency Summary

Total Delta 8 88.310%	Total Delta 10 None Detected
Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 88.310%

### Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Pinene	3.69	0.369%
Ocimene	3.35	0.335%
Terpinolene	2.66	0.266%
trans-Caryophyllene	2.24	0.224%
beta-Pinene	2.22	0.222%
(R)-(+)-Limonene	2.12	0.212%
Eucalyptol	1.35	0.135%
alpha-Humulene	1.22	0.122%
alpha-Phellandrene	1.16	0.116%

Total Terpenes: 2.001%

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



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### Terpenes

Specimen Weight: 56.160 mg

Tested  
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Pinene	0.002	3.690	0.369	Ocimene	0.000	3.350	0.335
Terpinolene	0.002	2.660	0.266	trans-Caryophyllene	0.002	2.240	0.224
beta-Pinene	0.002	2.220	0.222	(R)-(+)-Limonene	0.002	2.120	0.212
Eucalyptol	0.002	1.350	0.135	alpha-Humulene	0.002	1.220	0.122
alpha-Phellandrene	0.002	1.160	0.116	(+)-Cedrol	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	Guaiol	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
Geraniol	0.002	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Gamma-Terpinene	0.002	<LOQ	<LOQ
Borneol	0.004	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Camphors	0.006	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
cis-Nerolidol	0.002	<LOQ	<LOQ	Farnesene	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

**Total Terpenes: 2.001%**

*Xueli Gao*  
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Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
Aixia Sun  
Lab Director/Principal Scientist  
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### Heavy Metals

Specimen Weight: 248.300 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: 172.710 mg

Passed  
(LCMS)

Dilution Factor: 8.685

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: 172.710 mg

Dilution Factor: 8.685

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	Acetamiprid	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	Chlormequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	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
Etozazole	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
Metaxyl	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
Paclbutrazol	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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Xueli Gao Lab Toxicologist  
Ph.D., DABT

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### Residual Solvents - FL (CBD) Passed (GCMS)

Specimen Weight: 9.100 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	1,2-Dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

### Listeria Monocytogenes Passed (qPCR)

Specimen Weight: 994.500 mg

Dilution Factor: 1.000

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

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### Pathogenic SAE (qPCR)

Specimen Weight: 227.420 mg

**Passed**  
(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	E.Coli	1	Absence in 1g
			Salmonella	1	Absence in 1g

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