



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

# Certificate of Analysis

## Compliance Test

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

Batch # 220420-THCOBD  
Batch Date: 2022-03-28  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # 3CH220420-030002  
Order Date: 2022-04-20  
Sample # AAC5774

Sampling Date: 2022-04-22  
Lab Batch Date: 2022-04-22  
Completion Date: 2022-04-26

Initial Gross Weight: 99.696 g



Product Image

<b>Acetic Anhydride</b> Tested	<b>Potency</b> Tested	<b>Terpenes</b> Tested	<b>Heavy Metals</b> Passed	<b>Mycotoxins</b> Passed
<b>Pesticides</b> Passed	<b>Residual Solvents</b> Passed	<b>Listeria Monocytogenes</b> Passed	<b>Pathogenic</b> Passed	

### Potency 21 (LCUV)

Specimen Weight: 50.240 mg

**Tested**  
SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC-O Acetate	1000.000	0.000027	0.0003	774.4000	77.4400
Delta-8 THC	100.000	0.000026	0.0015	106.2000	10.6200
Delta-9 THC-O Acetate	10.000	0.000077	0.0003	17.2000	1.7200
CBT	10.000	0.0002	0.0015	8.4340	0.8434
CBN	10.000	0.000014	0.0015	0.6400	0.0640
Delta-8 THCV	10.000	0.00004	0.0015	0.5830	0.0583
THCV	10.000	0.000007	0.0015	<LOQ	<LOQ
THCVA	10.000	0.000047	0.0015	<LOQ	<LOQ
CBC	10.000	0.000018	0.0015	<LOQ	<LOQ
THCA	10.000	0.000032	0.0015	<LOQ	<LOQ
Exo-THC	10.000	0.00023	0.0015	<LOQ	<LOQ
CBCA	10.000	0.000107	0.0015	<LOQ	<LOQ
CBNA	10.000	0.000095	0.0015	<LOQ	<LOQ
CBL	10.000	0.000035	0.0015	<LOQ	<LOQ
CBGA	10.000	0.00008	0.0015	<LOQ	<LOQ
CBG	10.000	0.000248	0.0015	<LOQ	<LOQ
CBDVA	10.000	0.000014	0.0015	<LOQ	<LOQ
CBDV	10.000	0.000065	0.0015	<LOQ	<LOQ
CBDA	10.000	0.00001	0.0015	<LOQ	<LOQ
CBD	10.000	0.000054	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.0015	<LOQ	<LOQ

### Potency Summary

Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN 0.064%
Other Cannabinoids 90.682%	Total Cannabinoids 90.746%

### Terpenes Summary

Analyte	Result (mg/g)	(%)
beta-Myrcene	12.273	1.227%
trans-Caryophyllene	7.858	0.786%
alpha-Pinene	7.412	0.741%
(R)-(+)-Limonene	4.724	0.472%
beta-Pinene	3.169	0.317%
alpha-Bisabolol	1.582	0.158%
Linalool	1.551	0.155%
alpha-Humulene	1.185	0.118%
Hexahydrothymol	0.697	0.07%
alpha-Phellandrene	0.545	0.054%
Fenchyl Alcohol	0.512	0.051%
Camphene	0.346	0.035%

**Total Terpenes: 4.184%**

Detailed Terpenes Analysis is on the following page

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Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

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



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## Terpenes

Specimen Weight: 118.110 mg

Tested  
SOP13.023 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Myrcene	0.002	12.273	1.227	Total Terpeneol	0.001		<LOQ
trans-Caryophyllene	0.002	7.858	0.786	trans-Nerolidol	0.002		<LOQ
alpha-Pinene	0.002	7.412	0.741	Isoborneol	0.002		<LOQ
(R)-(+)-Limonene	0.002	4.724	0.472	(+)-Cedrol	0.002		<LOQ
beta-Pinene	0.002	3.169	0.317	Guaiol	0.002		<LOQ
alpha-Bisabolol	0.002	1.582	0.158	Geranyl acetate	0.002		<LOQ
Linalool	0.002	1.551	0.155	Geraniol	0.002		<LOQ
alpha-Humulene	0.002	1.185	0.118	Gamma-Terpinene	0.002		<LOQ
Hexahydrothymol	0.002	0.697	0.070	Fenchone	0.002		<LOQ
alpha-Phellandrene	0.002	0.545	0.054	Farnesene	0.002		<LOQ
Fenchyl Alcohol	0.002	0.512	0.051	Eucalyptol	0.002		<LOQ
Camphene	0.002	0.346	0.035	cis-Nerolidol	0.002		<LOQ
Ocimene	0.000	<LOQ		Caryophyllene oxide	0.002		<LOQ
Isopulegol	0.002	<LOQ		Camphors	0.006		<LOQ
Nerol	0.002	<LOQ		Borneol	0.004		<LOQ
Terpinolene	0.002	<LOQ		alpha-Terpinene	0.002		<LOQ
Pulegone	0.002	<LOQ		alpha-Cedrene	0.002		<LOQ
Sabinene	0.002	<LOQ		3-Carene	0.002		<LOQ
Sabinene Hydrate	0.002	<LOQ		Valencene	0.002		<LOQ

Total Terpenes: 4.184%



## Mycotoxins

Specimen Weight: 266.200 mg

Passed  
SOP13.007 (LCMS)



## Heavy Metals

Specimen Weight: 248.270 mg

Passed  
SOP13.048 (ICP-MS)

Dilution Factor: 5.635

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: 201

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: 266.200 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)

Dilution Factor: 5.635

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				

**Residual Solvents - FL (CBD)**  
Specimen Weight: 14.500 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 1.000

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: 229.650 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 (Fla vus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

**Acetic Anhydride**  
Specimen Weight: 86.600 mg

**Tested**  
SOP13.046 (GCMS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Result (ppm)
Acetic Anhydride	2.6	<LOQ

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Aixia Sun Lab Director/Principal Scientist  
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### Listeria Monocytogenes

**Passed**

Specimen Weight: 990.800 mg

SOP13.010 (qPCR)

Dilution Factor: 1.000

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

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