



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

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

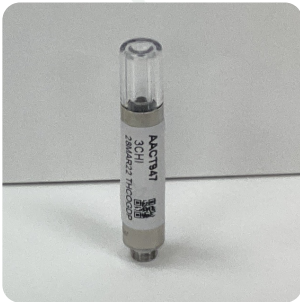
Batch # 220502-THCOGDP
Batch Date: 2022-04-26
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH220502-200001
Order Date: 2022-05-02
Sample # AACT947

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

Initial Gross Weight: 90.683 g



Product Image

Acetic Anhydride
Tested

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Listeria
Monocytogenes
Passed

Pathogenic
Passed

Potency 21 (LCUV)

Specimen Weight: 50.020 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	916.9600	91.6960
Delta-9 THC-O Acetate	100.000	0.000077	0.0003	17.8300	1.7830
CBT	100.000	0.0002	0.0015	11.0000	1.1000
Delta-8 THC	100.000	0.000026	0.0015	2.9970	0.2997
THCVA	100.000	0.000047	0.0015	<LOQ	<LOQ
THCV	100.000	0.000007	0.0015	<LOQ	<LOQ
THCA	100.000	0.000032	0.0015	<LOQ	<LOQ
CBC	100.000	0.000018	0.0015	<LOQ	<LOQ
Exo-THC	100.000	0.00023	0.0015	<LOQ	<LOQ
BCBA	100.000	0.000107	0.0015	<LOQ	<LOQ
Delta-8 THCV	100.000	0.00004	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
CBG	100.000	0.000248	0.0015	<LOQ	<LOQ
CBDVA	100.000	0.000014	0.0015	<LOQ	<LOQ
CBDV	100.000	0.000065	0.0015	<LOQ	<LOQ
CBDA	100.000	0.00001	0.0015	<LOQ	<LOQ
CBD	100.000	0.000054	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 94.879%	Total Cannabinoids 94.879%

Terpenes Summary

Analyte	Result (mg/g)	(%)
beta-Pinene	16.89	1.689%
trans-Caryophyllene	10.46	1.046%
Linalool	8.62	0.862%
(R)-(+)-Limonene	6.49	0.649%
alpha-Humulene	3.18	0.318%
alpha-Phellandrene	2.05	0.205%
alpha-Pinene	1.83	0.183%
beta-Myrcene	1.69	0.169%

Total Terpenes: 5.121%

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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Sample # AACT947

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

Initial Gross Weight: 90.683 g

Terpenes
Specimen Weight: 55.470 mg

Tested
SOP13.023 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Pinene	0.002	16.890	1.689	trans-Nerolidol	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	10.460	1.046	Hexahydrothymol	0.002	<LOQ	<LOQ
Linalool	0.002	8.620	0.862	Fenchyl Alcohol	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	6.490	0.649	Geranyl acetate	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	3.180	0.318	Geraniol	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	2.050	0.205	Gamma-Terpinene	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	1.830	0.183	Fenchone	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	1.690	0.169	Farnesene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Guaiol	0.002	<LOQ	<LOQ	alpha-Bisabolol	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 5.121%

Mycotoxins
Specimen Weight: 269.500 mg

Passed
SOP13.007 (LCMS)

Heavy Metals
Specimen Weight: 247.060 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 5.566

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: 202

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

Initial Gross Weight: 90.683 g

Pesticides FL V4
Specimen Weight: 269.500 mg

Passed
SOP13.007
(LCMS/GCMS)

Residual Solvents - FL (CBD)
Specimen Weight: 10.100 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 5.566

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-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	Passed	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: 246.000 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: 61.600 mg

Tested
SOP13.046 (GCMS)

Dilution Factor: 1.000

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

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Xueli Gao Lab Toxicologist
Ph.D., DABT

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



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Listeria Monocytogenes

Passed

Specimen Weight: 1016.900 mg

SOP13.010 (qPCR)

Dilution Factor: 1.000

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

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

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



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