



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

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 210727-MELO
Batch Date: 2021-07-27
Extracted From: Hemp

Test Reg State: Florida

Order # 3CH211119-040001
Order Date: 2021-11-19
Sample # AACE622

Sampling Date: 2021-11-24
Lab Batch Date: 2021-11-24
Completion Date: 2021-11-29

Initial Gross Weight: 12.802 g



Product Image

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Listeria Monocytogenes
Passed

Potency Panel Not Included

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	13.372	1.337%
(R)-(+)-Limonene	10.721	1.072%
beta-Myrcene	6.755	0.676%
Farnesene	4.184	0.418%
beta-Pinene	2.861	0.286%
alpha-Bisabolol	2.737	0.274%
Linalool	2.615	0.261%
alpha-Pinene	2.16	0.216%
alpha-Humulene	1.757	0.176%
Total Terpeneol	1.633	0.163%
Sabinene Hydrate	1.114	0.111%
Terpinolene	0.688	0.069%
alpha-Phellandrene	0.579	0.058%

Total Terpenes: 5.117%

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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Completion Date: 2021-11-29

Initial Gross Weight: 12.802 g



Terpenes

Specimen Weight: 55.140 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	13.372	1.337	(R)-(+)-Limonene	0.002	10.721	1.072
beta-Myrcene	0.002	6.755	0.676	Farnesene	0.002	4.184	0.418
beta-Pinene	0.002	2.861	0.286	alpha-Bisabolol	0.002	2.737	0.274
Linalool	0.002	2.615	0.261	alpha-Pinene	0.002	2.160	0.216
alpha-Humulene	0.002	1.757	0.176	Total Terpeneol	0.001	1.633	0.163
Sabinene Hydrate	0.002	1.114	0.111	Terpinolene	0.002	0.688	0.069
alpha-Phellandrene	0.002	0.579	0.058	Nerol	0.002	<LOQ	
Isopulegol	0.002	<LOQ		Isoborneol	0.002	<LOQ	
(+)-Cedrol	0.002	<LOQ		Ocimene	0.000	<LOQ	
Pulegone	0.002	<LOQ		Sabinene	0.002	<LOQ	
Guaial	0.002	<LOQ		trans-Nerolidol	0.002	<LOQ	
Hexahydrothymol	0.002	<LOQ		Fenchone	0.002	<LOQ	
Geranyl acetate	0.002	<LOQ		Borneol	0.004	<LOQ	
3-Carene	0.002	<LOQ		alpha-Cedrene	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Camphene	0.002	<LOQ	
Geraniol	0.002	<LOQ		Camphors	0.006	<LOQ	
Caryophyllene oxide	0.002	<LOQ		cis-Nerolidol	0.002	<LOQ	
Eucalyptol	0.002	<LOQ		Fenchyl Alcohol	0.002	<LOQ	
Gamma-Terpinene	0.002	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 5.117%

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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Sampling Date: 2021-11-24
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Completion Date: 2021-11-29

Initial Gross Weight: 12.802 g



Heavy Metals

Specimen Weight: 253.300 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: 199.200 mg

Passed
(LCMS)

Dilution Factor: 7.530

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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Lab Toxicologist

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Pesticides FL V4

Specimen Weight: 199.200 mg

Passed
(LCMS/GCMS)

Dilution Factor: 7.530

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	Chloromequat 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
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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Residual Solvents - FL (CBD)

Specimen Weight: 12.600 mg

Passed
(GCMS)

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

Specimen Weight: 984.200 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

Xueli Gao
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