



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

Certificate of Analysis

Compliance Test

MEDTERRA CBD, LLC
9805 RESEARCH DR
IRVINE, CALIFORNIA 92618

Batch # 2027A1M2
Batch Date: 2022-02-07

Test Reg State: Florida

Order # MED220207-010002
Order Date: 2022-02-07
Sample # AA4L425

Sampling Date: 2022-02-08
Lab Batch Date: 2022-02-08
Completion Date: 2022-02-13

Initial Gross Weight: 173.300 g
Net Weight: 122.000 g

Number of Units: 1
Net Weight per Unit: 4066.667 mg



Product Image

Potency Tested	Theanine-Caffeine-Melatonin Tested	Terpenes Tested	Heavy Metals Passed	Mycotoxins Passed
Pesticides Passed	Residual Solvents Passed	Listeria Monocytogenes Passed		

Potency - 11
Specimen Weight: 1539.600 mg

Tested
(LCUV)

Pieces For Panel: 30

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	7.720	0.772
Delta-9 THC	1000.000	0.000013	0.001	0.610	0.061
CBG	1000.000	0.000248	0.001	0.540	0.054
CBC	1000.000	0.000018	0.001	0.220	0.022
CBN	1000.000	0.000014	0.001	0.150	0.015
CBDV	1000.000	0.000065	0.001	0.060	0.006
CBDA	1000.000	0.00001	0.001	0.050	0.005
THCV	1000.000	0.000007	0.001	0.010	0.001
CBGA	1000.000	0.000008	0.001	0.010	0.001
Delta-8 THC	1000.000	0.000026	0.001	<LOQ	<LOQ
THCA-A	1000.000	0.000032	0.001	<LOQ	<LOQ

Potency Summary

Total THC 0.061% 2.481mg	Total CBD 0.776% 31.557mg
Total CBG 0.055% 2.237mg	Total CBN 0.015% 0.610mg
Other Cannabinoids 0.029% 1.179mg	Total Cannabinoids 0.936% 38.064mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Bisabolol	0.046	0.005%
Linalool	0.032	0.003%

Total Terpenes: 0.008%

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 Tested (GC/GCMS)

Specimen Weight: 1539.600 mg

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.002	0.046	0.005	Fenchyl Alcohol	0.002	<LOQ	<LOQ
Linalool	0.002	0.032	0.003	(R)-(+)-Limonene	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	beta-Myrcene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Guaiol	0.002	<LOQ	<LOQ	alpha-Humulene	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	alpha-Pinene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	beta-Pinene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
Gamma-Terpinene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
trans-Nerolidol	0.002	<LOQ	<LOQ	Farnesene	0.002	<LOQ	<LOQ
Geraniol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 0.008%

Mycotoxins Passed (LCMS) Theanine-Caffeine-Melatonin Tested (LCMS)

Specimen Weight: 167.100 mg

Specimen Weight: 78.490 mg

Dilution Factor: 8.977

Dilution Factor: 10000.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (%)	Result (%)	Analyte	LOQ (%)	Result (%)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ	Caffeine	0.00025	<LOQ	Melatonin	0.00025	0.05930
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ	L-theanine	0.00025	<LOQ			
Aflatoxin G1	6	20	<LOQ										

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Pesticides FL V4

Specimen Weight: 167.100 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.977

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	Metaxyl	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
Chlorantranilprole	10	3000	<LOQ	Naled	30	500	<LOQ
Chlordane	10	100	<LOQ	Oxamyl	30	500	<LOQ
Chlorfenapyr	30	100	<LOQ	Pacloutrazol	30	100	<LOQ
Chloromequat Chloride	10	3000	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Chlorpyrifos	30	100	<LOQ	Permethrin	30	1000	<LOQ
Clofentezine	30	500	<LOQ	Phosmet	30	200	<LOQ
Coumaphos	48	100	<LOQ	Piperonylbutoxide	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: 119.000 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	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	5000	5000	Passed	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				

Heavy Metals

Specimen Weight: 253.000 mg

Passed
(ICP-MS)

Dilution Factor: 197

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

Listeria Monocytogenes

Specimen Weight: 1019.500 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

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Ph.D., DABT

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

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