



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

Certificate of Analysis

Compliance Test

Batch # 210005CCBG
Batch Date: 2021-04-01
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Florida

Order #
Order Date: 2021-04-01
Sample # AABD940

Sampling Date: 2021-04-05
Lab Batch Date: 2021-04-05
Completion Date: 2021-04-08

Initial Gross Weight: 27.009 g
Net Weight: 15.332 g

Number of Units: 2
Net Weight per Unit: 7666.000 mg



Product Image



Potency
Tested



Terpenes
Tested



Heavy Metals
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual
Solvents
Passed



Moisture
Tested



Listeria
Monocytogenes
Passed



Pathogenic
Passed



Microbiology
(qPCR)
Passed



Potency 20 - LOQ (0.1)

Net Weight: 15.332 g

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBG	0.000248	0.1	996.5	99.7
CBD	0.000054	0.1	2.2	0.2
Exo-THC	0.00023	0.1	<LOQ	<LOQ
THCVA	0.000047	0.1	<LOQ	<LOQ
THCV	0.000007	0.1	<LOQ	<LOQ
THCA-A	0.000032	0.1	<LOQ	<LOQ
CBC	0.000018	0.1	<LOQ	<LOQ
Delta-9 THC	0.000013	0.1	<LOQ	<LOQ
CBCA	0.000107	0.1	<LOQ	<LOQ
Delta-8 THC	0.000026	0.1	<LOQ	<LOQ
Delta-10 THC	0.000003	0.1	<LOQ	<LOQ
CBT	0.0002	0.1	<LOQ	<LOQ
CBNA	0.000095	0.1	<LOQ	<LOQ
CBN	0.000014	0.1	<LOQ	<LOQ
CBL	0.000035	0.1	<LOQ	<LOQ
CBGA	0.00008	0.1	<LOQ	<LOQ
CBDVA	0.000014	0.1	<LOQ	<LOQ
CBDV	0.000065	0.1	<LOQ	<LOQ
CBDA	0.00001	0.1	<LOQ	<LOQ
Delta-8 THCV	0.00004	0.1	<LOQ	<LOQ

Tested
(LCUV)



Potency Summary

Total THC None Detected	Total CBD 0.219% 16.789mg
Total CBG 99.653% 7,639.399mg	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 99.872% 7,656.188mg



Terpenes Summary

Analyte	Result (mg/ml) (%)
Total Terpenes: 0.000%	

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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Number of Units: 2
Net Weight per Unit: 7666.000 mg



Terpenes - FL

Specimen Weight: 2024.690 mg

Tested
(GC)

Dilution Factor: 500.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(+)-Cedrol	0.02	<LOQ		Nerol	0.02	<LOQ	
Geraniol	0.02	<LOQ		Geranyl acetate	0.02	<LOQ	
Guaiol	0.02	<LOQ		Hexahydrothymol	0.02	<LOQ	
Isoborneol	0.02	<LOQ		Isopulegol	0.02	<LOQ	
Linalool	0.02	<LOQ		Ocimene	0.014	<LOQ	
Fenchyl Alcohol	0.02	<LOQ		Pulegone	0.02	<LOQ	
Sabinene	0.02	<LOQ		Sabinene Hydrate	0.02	<LOQ	
Terpineol	0.02	<LOQ		Terpinolene	0.02	<LOQ	
trans-Caryophyllene	0.02	<LOQ		trans-Nerolidol	0.02	<LOQ	
Gamma-Terpinene	0.02	<LOQ		Fenchone	0.02	<LOQ	
(R)-(+)-Limonene	0.02	<LOQ		alpha-Terpinene	0.02	<LOQ	
3-Carene	0.02	<LOQ		alpha-Bisabolol	0.02	<LOQ	
alpha-Cedrene	0.02	<LOQ		alpha-Humulene	0.02	<LOQ	
alpha-Phellandrene	0.02	<LOQ		alpha-Pinene	0.02	<LOQ	
Farnesene	0.02	<LOQ		beta-Myrcene	0.02	<LOQ	
beta-Pinene	0.02	<LOQ		Borneol	0.04	<LOQ	
Camphene	0.02	<LOQ		Camphors	0.04	<LOQ	
Caryophyllene oxide	0.02	<LOQ		cis-Nerolidol	0.02	<LOQ	
Eucalyptol	0.02	<LOQ		Valencene	0.02	<LOQ	

Total Terpenes: 0.000%

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Lab Toxicologist

Aixia Sun
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Lab Director/Principal Scientist



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Initial Gross Weight: 27.009 g
Net Weight: 15.332 g

Number of Units: 2
Net Weight per Unit: 7666.000 mg

H Heavy Metals Passed (ICP-MS)

Specimen Weight: 246.530 mg

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 Passed (LCMS)

Specimen Weight: 168.000 mg

Dilution Factor: 8.929

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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State: FloridaOrder #
Order Date: 2021-04-01
Sample # AABD940Sampling Date: 2021-04-05
Lab Batch Date: 2021-04-05
Completion Date: 2021-04-08Initial Gross Weight: 27.009 g
Net Weight: 15.332 gNumber of Units: 2
Net Weight per Unit: 7666.000 mg

Pesticides FL V4

Specimen Weight: 168.000 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.929

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	Chlorfane	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
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
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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Lab ToxicologistAixia Sun
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Completion Date: 2021-04-08

Initial Gross Weight: 27.009 g
Net Weight: 15.332 g

Number of Units: 2
Net Weight per Unit: 7666.000 mg

Residual Solvents - FL (CBD) Passed (GCMS)

Specimen Weight: 104.500 mg

Dilution Factor: 500.000

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	Passed	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	Passed
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				

Moisture Tested (Moisture Meter)

Net Weight: 15.332 g

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	2.450

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Lab Toxicologist

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Listeria Monocytogenes

Specimen Weight: 1003.300 mg

Passed
(qPCR)

Dilution Factor: 1.000

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



Pathogenic SE (qPCR)

Specimen Weight: 233.100 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result	Analyte	Action Level (cfu/g)	Result
E.Coli	1	Absence in 1g	Salmonella	1	Absence in 1g



Microbiology (qPCR)

Specimen Weight: 269.490 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed
Total Enterobacteriaceae	Passed	Total Yeast/Mold	Passed

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