



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

# Certificate of Analysis

Compliance Test

Batch # 211012-04  
Batch Date: 2021-10-04  
Extracted From: Industrial hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order Date: 2021-10-13  
Sample: AACB188

Sampling Date: 2021-10-16  
Lab Batch Date: 2021-10-16  
Completion Date: 2021-10-20

Initial Gross Weight: 36.019 g



Product Image

Potency  
Tested

Heavy Metals  
Passed

Pesticides  
Passed

Residual  
Solvents  
Passed

Pathogenic  
Microbiology  
Passed

Microbiology  
Petrifilm  
Tested

**Potency - 20**

Specimen Weight: 30.920 mg

**Tested**  
(HPLC)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBG	10.000	0.000248	0.002	999.308	99.931
CBD	10.000	0.000054	0.002	0.691	0.069
Exo-THC	10.000	0.00023	0.002	<LOQ	<LOQ
THCVA	10.000	0.000047	0.002	<LOQ	<LOQ
THCV	10.000	0.000007	0.002	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.002	<LOQ	<LOQ
CBC	10.000	0.000018	0.002	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.002	<LOQ	<LOQ
CBCA	10.000	0.000107	0.002	<LOQ	<LOQ
Delta-8 THC	10.000	0.000026	0.002	<LOQ	<LOQ
Delta-10 THC	10.000	0.000003	0.002	<LOQ	<LOQ
CBT	10.000	0.0002	0.002	<LOQ	<LOQ
CBNA	10.000	0.000095	0.002	<LOQ	<LOQ
CBN	10.000	0.000014	0.002	<LOQ	<LOQ
CBL	10.000	0.000035	0.002	<LOQ	<LOQ
CBGA	10.000	0.00008	0.002	<LOQ	<LOQ
CBDVA	10.000	0.000014	0.002	<LOQ	<LOQ
CBDV	10.000	0.000065	0.002	<LOQ	<LOQ
CBDA	10.000	0.00001	0.002	<LOQ	<LOQ
Delta-8 THCV	10.000	0.00004	0.002	<LOQ	<LOQ

**Potency Summary**

<b>Total THC</b> None Detected	<b>Total CBD</b> 0.069%
<b>Total CBG</b> 99.931%	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> None Detected	<b>Total Cannabinoids</b> 100.000%

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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## H Heavy Metals

Specimen Weight: 250.000 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

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**Pesticides FL V4** **Passed**  
(LCMS/GCMS)  
Specimen Weight: 155.840 mg

Dilution Factor: 9.625

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	Chlormequat 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	Fonicamid	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
Paclbutrazol	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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Initial Gross Weight: 36.019 g

**Residual Solvents - FL (CBD)** **Passed**  
(GCMS)

Specimen Weight: 107.000 mg

Dilution Factor: 50.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	ND	1,2-Dichloroethane	0.04	5	ND
Acetone	2.08	5000	ND	Acetonitrile	1.17	410	ND
Benzene	0.02	2	ND	Butanes	2.5	2000	ND
Chloroform	0.04	60	ND	Ethanol	2.78	5000	ND
Ethyl Acetate	1.11	5000	ND	Ethyl Ether	1.39	5000	ND
Ethylene Oxide	0.1	5	ND	Heptane	1.39	5000	ND
Hexane	1.17	290	ND	Isopropyl alcohol	1.39	500	ND
Methanol	0.69	3000	ND	Methylene chloride	2.43	600	ND
Pentane	2.08	5000	253.393	Propane	5.83	2100	ND
Toluene	2.92	890	ND	Total Xylenes	2.92	2170	ND
Trichloroethylene	0.49	80	ND				

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**Pathogenic Microbiology - SE (MicroArray)** **Passed**  
(Micro Array)

Specimen Weight: 1025.660 mg

Dilution Factor: 1.000

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

**Microbiology (Petrifilm/Plating)** **Tested**  
(Petrifilm)

Specimen Weight: 1002.000 mg

Dilution Factor: 10000.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	<1000	E. Coli / Coliform	10	<100
Yeast/Mold	10	<10000			

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