



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

# Certificate of Analysis

## Compliance Test

**CYPRESS HEMP LLC**  
10771 Perkins Rd  
BATON ROUGE, LA 70810

Batch # M016  
Batch Date: 2021-12-14  
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP211214-160001  
Order Date: 2021-12-14  
Sample # AACG743

Sampling Date: 2021-12-17  
Lab Batch Date: 2021-12-17  
Completion Date: 2021-12-23

Initial Gross Weight: 87.891 g



Product Image

Potency  
Tested

Terpenes  
Tested

Heavy Metals  
Passed

Pesticides  
Passed

Microbiology  
Petrifilm  
Tested

### Potency - 11

Specimen Weight: 191.410 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	64.780	6.478
CBD	15.000	0.000054	0.001	10.640	1.064
THCA-A	15.000	0.000032	0.001	1.993	0.199
CBGA	15.000	0.00008	0.001	1.836	0.184
Delta-9 THC	15.000	0.000013	0.001	1.296	0.130
CBC	15.000	0.000018	0.001	0.628	0.063
CBG	15.000	0.000248	0.001	0.456	0.046
THCV	15.000	0.000007	0.001	<LOQ	<LOQ
Delta-8 THC	15.000	0.000026	0.001	<LOQ	<LOQ
CBN	15.000	0.000014	0.001	<LOQ	<LOQ
CBDV	15.000	0.000065	0.001	<LOQ	<LOQ

Tested  
(HPLC/LCMS)

### Potency Summary

Total THC 0.304%	Total CBD 6.745%
Total CBG 0.207%	Total CBN None Detected
Other Cannabinoids 0.063%	Total Cannabinoids 7.319%

### Terpenes Summary

Analyte	Result (mg/g)	(%)
beta-Myrcene	7.7	0.77%
trans-Caryophyllene	4.57	0.457%
alpha-Humulene	1.37	0.137%
Caryophyllene oxide	1.3	0.13%
(R)-(+)-Limonene	1.29	0.129%
Eucalyptol	1.26	0.126%
alpha-Pinene	0.86	0.086%
alpha-Bisabolol	0.84	0.084%
cis-Nerolidol	0.76	0.076%
Valencene	0.66	0.066%
Terpinolene	0.46	0.046%
Farnesene	0.43	0.043%

Total Terpenes: 2.150%

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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Initial Gross Weight: 87.891 g



## Terpenes

Specimen Weight: 97.340 mg

**Tested**  
(GC/GCMS)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Myrcene	0.002	7.700	0.770	trans-Caryophyllene	0.002	4.570	0.457
alpha-Humulene	0.002	1.370	0.137	Caryophyllene oxide	0.002	1.300	0.130
(R)-(+)-Limonene	0.002	1.290	0.129	Eucalyptol	0.002	1.260	0.126
alpha-Pinene	0.002	0.860	0.086	alpha-Bisabolol	0.002	0.840	0.084
cis-Nerolidol	0.002	0.760	0.076	Valencene	0.002	0.660	0.066
Terpinolene	0.002	0.460	0.046	Farnesene	0.002	0.430	0.043
Isoborneol	0.002	<LOQ		Isopulegol	0.002	<LOQ	
Linalool	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
Nerol	0.002	<LOQ		Ocimene	0.000	<LOQ	
Pulegone	0.002	<LOQ		Sabinene	0.002	<LOQ	
Guaiol	0.002	<LOQ		Total Terpeneol	0.001	<LOQ	
trans-Nerolidol	0.002	<LOQ		Hexahydrothymol	0.002	<LOQ	
(+)-Cedrol	0.002	<LOQ		Geranyl acetate	0.002	<LOQ	
beta-Pinene	0.002	<LOQ		3-Carene	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		alpha-Phellandrene	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Geraniol	0.002	<LOQ	
Borneol	0.004	<LOQ		Camphene	0.002	<LOQ	
Camphors	0.006	<LOQ		Fenchyl Alcohol	0.002	<LOQ	
Gamma-Terpinene	0.002	<LOQ		Fenchone	0.002	<LOQ	

**Total Terpenes: 2.150%**

*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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**H Heavy Metals** **Passed**  
(ICP-MS)

Specimen Weight: 248.820 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	251.000	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	222.000	Mercury (Hg)	100	3000	<LOQ

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**Pesticides** **Passed**  
(LCMS/GCMS)

Specimen Weight: 161.600 mg

Dilution Factor: 9.282

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
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	30	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	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metalaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	Mevinphos	30	100	<LOQ
Myclobutanil	30	3000	<LOQ	Naled	30	500	<LOQ
Oxamyl	30	500	<LOQ	Pacllobutrazol	30	100	<LOQ
Parathion-methyl	48	100	<LOQ	Pentachloronitrobenzene	30	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	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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### Microbiology (Petrifilm/Plating)

Tested  
(Petrifilm)

Specimen Weight: 1002.020 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	60.000	E. Coli / Coliform	10	<10
Yeast/Mold	10	10.000			

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