



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 # 013  
Batch Date: 2021-03-18  
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP210318-140015  
Order Date: 2021-03-18  
Sample # AABC598

Sampling Date: 2021-03-22  
Lab Batch Date: 2021-03-22  
Completion Date: 2021-03-29

Initial Gross Weight: 85.654 g



Product Image

Potency  
Tested

Terpenes  
Tested

Heavy Metals  
Passed

Pesticides  
Passed

Total  
Contaminant  
Load  
Passed



### Potency - 11

Specimen Weight: 205.790 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	134.400	13.440
CBD	15.000	0.000054	0.001	18.430	1.843
CBGA	15.000	0.00008	0.001	5.288	0.529
THCA-A	15.000	0.000032	0.001	4.697	0.470
Delta-9 THC	15.000	0.000013	0.001	2.521	0.252
CBC	15.000	0.000018	0.001	1.347	0.135
CBG	15.000	0.000248	0.001	1.049	0.105
CBDV	15.000	0.000065	0.001	0.590	0.059
THCV	15.000	0.000007	0.001	0.249	0.025
Delta-8 THC	15.000	0.000026	0.001	<LOQ	<LOQ
CBN	15.000	0.000014	0.001	<LOQ	<LOQ

Tested  
(HPLC/LCMS)



### Potency Summary

Total THC 0.664%	Total CBD 13.630%
Total CBG 0.569%	Total CBN None Detected
Other Cannabinoids 0.219%	Total Cannabinoids 15.081%



### Terpenes Summary

Analyte	Result (mg/ml)	(%)
trans-Caryophyllene	5.14	0.514%
beta-Myrcene	3.55	0.355%
alpha-Humulene	1.46	0.146%
Caryophyllene oxide	1.45	0.145%
alpha-Bisabolol	0.99	0.099%
Eucalyptol	0.86	0.086%
(R)-(+)-Limonene	0.81	0.081%
cis-Nerolidol	0.75	0.075%
Valencene	0.71	0.071%
Farnesene	0.57	0.057%
(+)-Cedrol	0.55	0.055%
Terpinolene	0.48	0.048%

Total Terpenes: 1.732%

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 - FL

Specimen Weight: 91.710 mg

Tested  
(GC)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.02	5.140	0.514	beta-Myrcene	0.02	3.550	0.355
alpha-Humulene	0.02	1.460	0.146	Caryophyllene oxide	0.02	1.450	0.145
alpha-Bisabolol	0.02	0.990	0.099	Eucalyptol	0.02	0.860	0.086
(R)-(+)-Limonene	0.02	0.810	0.081	cis-Nerolidol	0.02	0.750	0.075
Valencene	0.02	0.710	0.071	Farnesene	0.02	0.570	0.057
(+)-Cedrol	0.02	0.550	0.055	Terpinolene	0.02	0.480	0.048
beta-Pinene	0.02	<LOQ		Isoborneol	0.02	<LOQ	
trans-Nerolidol	0.02	<LOQ		3-Carene	0.02	<LOQ	
Terpineol	0.02	<LOQ		Sabinene Hydrate	0.02	<LOQ	
Sabinene	0.02	<LOQ		Pulegone	0.02	<LOQ	
Ocimene	0.014	<LOQ		Nerol	0.02	<LOQ	
Linalool	0.02	<LOQ		Isopulegol	0.02	<LOQ	
Hexahydrothymol	0.02	<LOQ		Borneol	0.04	<LOQ	
Guaiol	0.02	<LOQ		Geranyl acetate	0.02	<LOQ	
Geraniol	0.02	<LOQ		Gamma-Terpinene	0.02	<LOQ	
Fenchyl Alcohol	0.02	<LOQ		alpha-Cedrene	0.02	<LOQ	
alpha-Phellandrene	0.02	<LOQ		alpha-Pinene	0.02	<LOQ	
alpha-Terpinene	0.02	<LOQ		Camphors	0.04	<LOQ	
Camphene	0.02	<LOQ		Fenchone	0.02	<LOQ	

**Total Terpenes: 1.732%**

*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

Specimen Weight: 250.590 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	122.000
Lead (Pb)	100	500	160.000	Mercury (Hg)	100	3000	<LOQ

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## Pesticides

Specimen Weight: 156.400 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 9.591

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
Metaxalyl	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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## Total Contaminant Load

Passed

Panel	Action Level (ppm)	Result (ppm)
Heavy Metals, Pesticides	30	0.282

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