



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 # 017
Batch Date: 2021-03-18
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP210318-140015
Order Date: 2021-03-18
Sample # AABC602

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

Initial Gross Weight: 85.324 g



Product Image



Potency - 11

Specimen Weight: 194.540 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	138.400	13.840
Delta-8 THC	15.000	0.000026	0.001	109.100	10.910
CBD	15.000	0.000054	0.001	7.343	0.734
THCA-A	15.000	0.000032	0.001	5.245	0.525
CBGA	15.000	0.00008	0.001	3.391	0.339
CBC	15.000	0.000018	0.001	0.774	0.077
CBG	15.000	0.000248	0.001	0.387	0.039
CBN	15.000	0.000014	0.001	0.230	0.023
Delta-9 THC	15.000	0.000013	0.001	<LOQ	
THCV	15.000	0.000007	0.001	<LOQ	
CBDV	15.000	0.000065	0.001	<LOQ	

Tested
(HPLC/LCMS)



Potency Summary

Total THC
0.460%

Total CBD
12.872%

Total CBG
0.336%

Total CBN
0.023%

Other Cannabinoids
0.077%

Total Cannabinoids
24.678%



Terpenes Summary

Analyte	Result (mg/ml) (%)
trans-Caryophyllene	2.6 0.26%
beta-Myrcene	1.93 0.193%
Caryophyllene oxide	1.23 0.123%
alpha-Humulene	0.84 0.084%

Total Terpenes: 0.660%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Lab Toxicologist
Ph.D., DABT

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



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 5%

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Terpenes - FL

Specimen Weight: 95.920 mg

Tested
(GC/GCMS)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.02	2.600	0.260	beta-Myrcene	0.02	1.930	0.193
Caryophyllene oxide	0.02	1.230	0.123	alpha-Humulene	0.02	0.840	0.084
(+)-Cedrol	0.02	<LOQ		Guaiol	0.02	<LOQ	
Hexahydrothymol	0.02	<LOQ		Isoborneol	0.02	<LOQ	
Isopulegol	0.02	<LOQ		Linalool	0.02	<LOQ	
Nerol	0.02	<LOQ		Pulegone	0.02	<LOQ	
Ocimene	0.014	<LOQ		Geraniol	0.02	<LOQ	
Sabinene	0.02	<LOQ		Sabinene Hydrate	0.02	<LOQ	
Terpineol	0.02	<LOQ		Terpinolene	0.02	<LOQ	
trans-Nerolidol	0.02	<LOQ		Geranyl acetate	0.02	<LOQ	
Fenchone	0.02	<LOQ		Gamma-Terpinene	0.02	<LOQ	
3-Carene	0.02	<LOQ		alpha-Bisabolol	0.02	<LOQ	
alpha-Cedrene	0.02	<LOQ		alpha-Phellandrene	0.02	<LOQ	
alpha-Pinene	0.02	<LOQ		alpha-Terpinene	0.02	<LOQ	
beta-Pinene	0.02	<LOQ		Fenchyl Alcohol	0.02	<LOQ	
Borneol	0.04	<LOQ		Camphene	0.02	<LOQ	
Camphors	0.04	<LOQ		cis-Nerolidol	0.02	<LOQ	
Eucalyptol	0.02	<LOQ		Farnesene	0.02	<LOQ	
(R)-(+)-Limonene	0.02	<LOQ		Valencene	0.02	<LOQ	

Total Terpenes: 0.660%

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Lab Toxicologist

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Lab Director/Principal Scientist



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Heavy Metals

Specimen Weight: 252.920 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	180.000
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

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Pesticides

Specimen Weight: 165.200 mg

Passed
(LCMS/GCMS)

Dilution Factor: 9.080

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
Bifentazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Carbaryl	10	500	<LOQ	Chlorfenvapir	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	Paclobutrazol	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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