



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 # 019
Batch Date: 2021-03-18
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP210318-140015
Order Date: 2021-03-18
Sample # AABC604

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

Initial Gross Weight: 86.848 g



Product Image



Potency
Tested



Terpenes
Tested



Heavy Metals
Passed



Pesticides
Passed



Potency - 11

Specimen Weight: 199.370 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	138.700	13.870
Delta-8 THC	15.000	0.000026	0.001	71.040	7.104
CBD	15.000	0.000054	0.001	9.518	0.952
THCA-A	15.000	0.000032	0.001	4.444	0.444
CBGA	15.000	0.00008	0.001	2.543	0.254
CBC	15.000	0.000018	0.001	1.620	0.162
CBG	15.000	0.000248	0.001	0.464	0.046
CBN	15.000	0.000014	0.001	0.359	0.036
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 0.390%	Total CBD 13.116%
Total CBG 0.269%	Total CBN 0.036%
Other Cannabinoids 0.162%	Total Cannabinoids 21.077%



Terpenes Summary

Analyte	Result (mg/ml) (%)
trans-Caryophyllene	3.55 0.355%
(R)-(+)-Limonene	1.43 0.143%
Caryophyllene oxide	1.22 0.122%
beta-Myrcene	0.92 0.092%
alpha-Humulene	0.77 0.077%
Linalool	0.64 0.064%
cis-Nerolidol	0.56 0.056%
Valencene	0.56 0.056%
Farnesene	0.46 0.046%

Total Terpenes: 1.011%

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: 98.610 mg

Tested
(GC/GCMS)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.02	3.550	0.355	(R)-(+)-Limonene	0.02	1.430	0.143
Caryophyllene oxide	0.02	1.220	0.122	beta-Myrcene	0.02	0.920	0.092
alpha-Humulene	0.02	0.770	0.077	Linalool	0.02	0.640	0.064
cis-Nerolidol	0.02	0.560	0.056	Valencene	0.02	0.560	0.056
Farnesene	0.02	0.460	0.046	Terpineol	0.02	<LOQ	
Sabinene Hydrate	0.02	<LOQ		Sabinene	0.02	<LOQ	
Guaiol	0.02	<LOQ		Pulegone	0.02	<LOQ	
Ocimene	0.014	<LOQ		Nerol	0.02	<LOQ	
Terpinolene	0.02	<LOQ		Isopulegol	0.02	<LOQ	
trans-Nerolidol	0.02	<LOQ		Isoborneol	0.02	<LOQ	
Hexahydrothymol	0.02	<LOQ		(+)-Cedrol	0.02	<LOQ	
Geranyl acetate	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	
Geraniol	0.02	<LOQ		Borneol	0.04	<LOQ	
Camphene	0.02	<LOQ		Camphors	0.04	<LOQ	
Eucalyptol	0.02	<LOQ		Fenchyl Alcohol	0.02	<LOQ	
Gamma-Terpinene	0.02	<LOQ		Fenchone	0.02	<LOQ	

Total Terpenes: 1.011%

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Lab Toxicologist

Aixia Sun
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Lab Director/Principal Scientist



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Heavy Metals

Specimen Weight: 252.990 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	210.000	Mercury (Hg)	100	3000	<LOQ

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Pesticides

Specimen Weight: 183.700 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.166

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
Ethionphos	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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