



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 # M013
Batch Date: 2021-12-14
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP211214-160001
Order Date: 2021-12-14
Sample # AACG745

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

Initial Gross Weight: 88.673 g



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Pesticides
Passed

Microbiology
Petrifilm
Tested

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/g)	(%)
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

Specimen Weight: 91.710 mg

Tested
(GC/GCMS)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	5.140	0.514	beta-Myrcene	0.002	3.550	0.355
alpha-Humulene	0.002	1.460	0.146	Caryophyllene oxide	0.002	1.450	0.145
alpha-Bisabolol	0.002	0.990	0.099	Eucalyptol	0.002	0.860	0.086
(R)-(+)-Limonene	0.002	0.810	0.081	cis-Nerolidol	0.002	0.750	0.075
Valencene	0.002	0.710	0.071	Farnesene	0.002	0.570	0.057
(+)-Cedrol	0.002	0.550	0.055	Terpinolene	0.002	0.480	0.048
Hexahydrothymol	0.002	<LOQ		trans-Nerolidol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Total Terpeneol	0.001	<LOQ	
Sabinene Hydrate	0.002	<LOQ		Sabinene	0.002	<LOQ	
Pulegone	0.002	<LOQ		Ocimene	0.000	<LOQ	
Nerol	0.002	<LOQ		Linalool	0.002	<LOQ	
Isopulegol	0.002	<LOQ		Isoborneol	0.002	<LOQ	
Guaiol	0.002	<LOQ		beta-Pinene	0.002	<LOQ	
Geranyl acetate	0.002	<LOQ		Geraniol	0.002	<LOQ	
Gamma-Terpinene	0.002	<LOQ		Fenchyl Alcohol	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		alpha-Phellandrene	0.002	<LOQ	
alpha-Pinene	0.002	<LOQ		alpha-Terpinene	0.002	<LOQ	
Camphors	0.006	<LOQ		Camphene	0.002	<LOQ	
Borneol	0.004	<LOQ		Fenchone	0.002	<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
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: 997.520 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	30.000	E. Coli / Coliform	10	<10
Yeast/Mold	10	60.000			

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