



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 # M052
Batch Date: 2021-12-14
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP211214-160001
Order Date: 2021-12-14
Sample # AACG753

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

Initial Gross Weight: 87.892 g



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Pesticides
Passed

Microbiology
Petrifilm
Tested

Potency - 11

Specimen Weight: 200.560 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	119.400	11.940
CBD	15.000	0.000054	0.001	18.760	1.876
THCA-A	15.000	0.000032	0.001	3.192	0.319
Delta-9 THC	15.000	0.000013	0.001	2.103	0.210
CBGA	15.000	0.00008	0.001	1.829	0.183
CBC	15.000	0.000018	0.001	1.620	0.162
CBG	15.000	0.000248	0.001	0.777	0.078
CBDV	15.000	0.000065	0.001	0.690	0.069
Delta-8 THC	15.000	0.000026	0.001	<LOQ	<LOQ
THCV	15.000	0.000007	0.001	<LOQ	<LOQ
CBN	15.000	0.000014	0.001	<LOQ	<LOQ

Tested
(HPLC/LCMS)

Potency Summary

Total THC 0.490%	Total CBD 12.347%
Total CBG 0.238%	Total CBN None Detected
Other Cannabinoids 0.231%	Total Cannabinoids 13.307%

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	3.9	0.39%
(R)-(+)-Limonene	0.75	0.075%
Linalool	0.57	0.057%
alpha-Humulene	0.46	0.046%
Valencene	0.3	0.03%
Fenchyl Alcohol	0.15	0.015%
alpha-Pinene	0.14	0.014%
beta-Myrcene	0.11	0.011%
Total Terpeneol	0.1	0.01%
alpha-Cedrene	0.09	0.009%
cis-Nerolidol	0.09	0.009%
beta-Pinene	0.08	0.008%
Caryophyllene oxide	0.06	0.006%
Sabinene Hydrate	0.04	0.004%
Eucalyptol	0.04	0.004%

Total Terpenes: 0.688%

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: 47.600 mg

Tested
(GC/GCMS)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	3.900	0.390	(R)-(+)-Limonene	0.002	0.750	0.075
Linalool	0.002	0.570	0.057	alpha-Humulene	0.002	0.460	0.046
Valencene	0.002	0.300	0.030	Fenchyl Alcohol	0.002	0.150	0.015
alpha-Pinene	0.002	0.140	0.014	beta-Myrcene	0.002	0.110	0.011
Total Terpineol	0.001	0.100	0.010	alpha-Cedrene	0.002	0.090	0.009
cis-Nerolidol	0.002	0.090	0.009	beta-Pinene	0.002	0.080	0.008
Caryophyllene oxide	0.002	0.060	0.006	Sabinene Hydrate	0.002	0.040	0.004
Eucalyptol	0.002	0.040	0.004	Guaialol	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Nerol	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	(+)-Cedrol	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Geraniol	0.002	<LOQ	<LOQ
Borneol	0.004	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Camphors	0.006	<LOQ	<LOQ	Farnesene	0.002	<LOQ	<LOQ
Gamma-Terpinene	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ

Total Terpenes: 0.688%

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: 245.030 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	558.000	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	402.000	Mercury (Hg)	100	3000	<LOQ

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Initial Gross Weight: 87.892 g

Pesticides

Specimen Weight: 180.000 mg

Passed
(LCMS/GCMS)

Dilution Factor: 9.537

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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Microbiology (Petrifilm/Plating)

Tested
(Petrifilm)

Specimen Weight: 1009.950 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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