



Certificate of Analysis
Compliance Test

Client Information:

CYPRESS HEMP LLC
10771 Perkins Rd
Suite A
BATON ROUGE, LA 70810

Batch # 1338
Batch Date: 2023-11-27
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP231127-030001
Order Date: 2023-11-27
Sample # AAFB717

Sampling Date: 2023-12-05
Lab Batch Date: 2023-12-05
Completion Date: 2023-12-08

Initial Gross Weight: 121.300 g

Number of Units: 1
Net Weight per Unit: 60000.000 mg



Product Image



Potency
Tested



Heavy Metals
Passed



Pesticides
Passed



Residual Solvents
Passed



Pathogenic Microbiology
Passed



Microbiology (qPCR)
Passed

Potency 10

Specimen Weight: 102.200 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	SOP13.001 (LCUV)	
					(%)	(%)
CBN	10.000	1.40E-5	0.015	3.170	0.317	█
Delta-9 THC	10.000	1.30E-5	0.015	2.760	0.276	█
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ	
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ	
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ	
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ	
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ	
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ	
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ	
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ	
Total Active CBD	10.000			<LOQ	<LOQ	
Total Active THC	10.000			2.760	0.276	█

Tested

Potency Summary

Total Active THC 0.276% 165.600 mg	Total Active CBD - None Detected
Total CBG - None Detected	Total CBN 0.317% 190.200 mg
Other Cannabinoids 0% 5.684E-14 mg	Total Cannabinoids 0.593% 355.800 mg

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Aixia Sun Lab Director/Principal Scientist
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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THC = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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, μg/g = Microgram per Gram (ppm) = Parts per Million, (ppm) = (μg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per OR rule OAR 333-007-0390, OAR 333-007-0400. Failed - Analyte/microbe is at the level that equal or above the action limit per OR rule OAR 333-007-0390, OAR 333-007-0400 Sample not received via laboratory sampling.

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Initial Gross Weight: 121.300 g

Number of Units: 1
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Total Yeast and Mold
Specimen Weight: 503.000 mg

Passed
SOP13.017 (qPCR)

Pathogenic Microbiology - SE
(MicroArray)

Passed
SOP13.019
(Micro Array)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	<LOQ	Passed

Specimen Weight: 1039.700 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

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Initial Gross Weight: 121.300 g

Number of Units: 1
Net Weight per Unit: 60000.000 mg



Heavy Metals

Specimen Weight: 245.000 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 204

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ



Residual Solvents - FL (CBD)

Specimen Weight: 306.400 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 500.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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Number of Units: 1
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Pesticides
Specimen Weight: 589.500 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.540

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ					
Fonicamid	5.1700E-1	30	2000	<LOQ					

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