



**Certificate of Analysis**  
Compliance Test

Client Information:

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

Batch # 043  
Batch Date: 2021-07-25  
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP210805-120027  
Order Date: 2021-08-05  
Sample # AABS801

Sampling Date: 2021-08-09  
Lab Batch Date: 2021-08-09  
Orig. Completion Date: 2021-08-17

Initial Gross Weight: 63.398 g  
Net Weight: 38.535 g

Number of Units: 1  
Net Weight per Unit: 38535.000 mg

Statement of Amendment: Updated Batch#: Updated Description



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Microbiology Petrifilm  
Passed**

**Potency - 11**  
Specimen Weight: 1538.300 mg

**Tested**  
SOP13.001 (LCUV)



**Potency Summary**

<b>Total Active THC</b> None Detected	<b>Total Active CBD</b> 0.664% 255.831 mg
<b>Total CBG</b> 0.010% 3.854 mg	<b>Total CBN</b> 0.007% 2.697 mg
<b>Total Cannabinoids</b> 0.693% 267.048 mg	

Pieces For Panel: 8

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	Result (%)	Pass/Fail
CBD	10.000	5.40E-5	0.0015	6.560	0.656	Pass
CBC	10.000	1.80E-5	0.0015	0.110	0.011	Pass
CBG	10.000	2.48E-4	0.0015	0.100	0.010	Pass
CBDA	10.000	1.00E-5	0.0015	0.090	0.009	Pass
CBN	10.000	1.40E-5	0.0015	0.070	0.007	Pass
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ	Pass
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ	Pass
Delta-8 THC	10.000	2.60E-5	0.0015	<LOQ	<LOQ	Pass
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	<LOQ	Pass
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ	Pass
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ	Pass
Total Active CBD	10.000			6.639	0.664	Pass
Total Active THC	10.000			<LOQ	<LOQ	Pass

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + 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, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (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 The results apply to the sample as received. Revised report- see statement of amendment above. This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.



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**Microbiology (Petrifilm)**  
Specimen Weight: 1000.100 mg

**Passed**  
SOP13.003 (Petrifilm)

Dilution Factor: 100.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	10000	100.000	Yeast/Mold	10	1000	<100
E. Coli / Coliform	10	100	<100				

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Net Weight per Unit: 38535.000 mg

**H Heavy Metals**  
Specimen Weight: 248.500 mg

**Passed**  
SOP13.009 (ICP-MS)

Dilution Factor: 2

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: 12.000 mg

**Passed**  
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Butanes	0.4167	2.5	2000	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Hexane	0.068	1.17	290	<LOQ

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Number of Units: 1  
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**Pesticides**  
Specimen Weight: 184.390 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 8.135

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

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