



# Certificate of Analysis

## Compliance Test

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

Batch # 1180  
Batch Date: 2020-12-01  
Extracted From: Hemp

Test Reg State: Florida

Order # CYP201211-130008  
Order Date: 2020-12-11  
Sample # AAV015

Sampling Date: 2020-12-16  
Lab Batch Date: 2020-12-16  
Completion Date: 2020-12-23

Initial Gross Weight: 82.060 g  
Density: .94305 mg/ml



Product Image

- Potency  
**Tested**
- Heavy Metals  
**Passed**
- Pesticides  
**Passed**
- Residual Solvents  
**Passed**
- Microbiology  
**Petrifilm Passed**

### Potency - 11

Specimen Weight: 115.850 mg

**Tested**  
(HPLC/LCMS)

### Potency Summary

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	0.000054	0.001	31.620	3.353
CBC	10.000	0.000018	0.001	1.736	0.184
Delta-9 THC	10.000	0.000013	0.001	1.143	0.121
CBG	10.000	0.000248	0.001	0.772	0.082
CBDA	10.000	0.00001	0.001	0.175	0.019
CBN	10.000	0.000014	0.001		<LOQ
Delta-8 THC	10.000	0.000026	0.001		<LOQ
CBGA	10.000	0.00008	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ

<b>Total CBD</b> 3.369%	<b>Total THC</b> 0.121%
<b>Total CBG</b> 0.082%	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> 0.184%	<b>Total Cannabinoids</b> 3.756%

*Xueli Gao*      *Aixia Sun*

Xueli Gao      Lab Toxicologist  
Ph.D., DABT

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



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### Heavy Metals

Specimen Weight: 245.510 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	<LOQ	Mercury (Hg)	100	3000	<LOQ
Total Contaminant Load (TCL) <span style="color: green;">None Detected</span>							

*Xueli Gao*  
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Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
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Lab Director/Principal Scientist  
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### Pesticides FL V4 (Non-Inhalable)

Specimen Weight: 173.700 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 8.636

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
Boscalid	10	3000	<LOQ	Captan	30	3000	<LOQ
Carbaryl	10	500	<LOQ	Carbofuran	10	100	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Chlordane	10	100	<LOQ
Chlorfenapyr	30	100	<LOQ	Chloromequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	48	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	48	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	10	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Fonicamid	30	2000	<LOQ
Fludioxonil	48	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	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Pacllobutrazol	30	100	<LOQ	Pentachloronitrobenzene	10	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	10	3000	<LOQ	Spinosad	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	Total Contaminant Load (TCL)	None Detected		

*Xueli Gao*      *Aixia Sun*  
Xueli Gao      Lab Toxicologist      Aixia Sun  
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Initial Gross Weight: 82.060 g  
Density: .94305 mg/ml

### Residual Solvents (CBD)

**Passed**  
(GCMS)

Specimen Weight: 12.400 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	1,2-dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

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Initial Gross Weight: 82.060 g  
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**Microbiology (Petrifilm/Plating)** **Passed**  
(Petrifilm)

Specimen Weight: 1003.170 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	<100	E. Coli / Coliform	10	<100
Yeast/Mold	10	<100			

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