



## Certificate of Analysis

Compliance Test

### Client Information:

**FIVE LEAF LABORATORIES  
LLC**  
3535 SOUTH SHERWOOD FOREST  
BLVD  
STE 251  
BATON ROUGE, LOUISIANA 70810

Batch # TWMRD8AACD450  
Batch Date: 2022-05-04  
Extracted From: NA

Test Reg State: Oregon

Order # FIV220608-020002

Order Date: 2022-06-08

Sample # AACX726

Serving Description: Serving

Statement of Amendment: Report format: Louisiana

Sampling Date: 2022-06-13

Lab Batch Date: 2022-06-13

Orig. Completion Date: 2022-06-16

Size of One Serving: 1 mg

Initial Gross Weight: 12.874 g

Net Weight per Serving: 12000 mg

Number of Units: 1

Net Weight per Package: 12000.000 mg

Serving Number: 1.00000



Product Image



**Potency  
Failed**



**Heavy Metals  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Moisture  
Tested**



**Listeria Monocytogenes  
Passed**



**Pathogenic  
Passed**



### Delta 8/Delta 10 Potency 12

Specimen Weight: 207.420 mg

**Failed**

SOP13.052 (LCUV)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	1.00E-5	0.001	148.300	14.830
CBC	1.80E-5	0.001	49.790	4.979
CBD	5.40E-5	0.001	10.660	1.066
THCA-A	3.20E-5	0.001	5.550	0.555
Delta-8 THC	2.60E-5	0.001	4.720	0.472
CBGA	8.00E-5	0.001	3.760	0.376
CBN	1.40E-5	0.001	0.480	0.048
CBG	2.48E-4	0.001	0.370	0.037
THCV	7.00E-6	0.001	0.170	0.017
CBDV	6.50E-5	0.001	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.001	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
Total Active CBD			140.723	14.0723
Total Active THC			4.870	0.487



### Potency Summary

Total Delta 8 per Serving 0.523% 62.76mg	Total Delta 10 per Serving None Detected
Delta 9 THC per Serving 0.540% 64.8mg	Total Active CBD at Dry Weight per Serving 15.603% 1872.36mg
Total CBG per Serving 0.407% 48.84mg	Total CBN per Serving 0.053% 6.36mg
Other Cannabinoids per Serving 5.539% 664.68mg	Total Cannabinoids per Serving 22.665% 2719.8mg
Total Active CBD Per Package 15.603% 1872.302mg	Total Active THC at Dry Weight per Serving 0.9585% 115.02mg
Total Active THC Per Package 0.9585% 115.02mg	Delta 9 THC per Package 0.540% 64.8mg

Sample was oven dried before potency testing.

Aixa 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 + (CBDA \* 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 + (CBGA \* 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 = Delta8-THC + Delta9-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, , LOD = Limit of Detection, (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.

Revised report- see statement of amendment above.

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BATON ROUGE, LOUISIANA 70810

Batch # AACD463  
Batch Date: 2022-09-22  
Extracted From: Consumable Hemp

Test Reg State: Louisiana

Order # FIV230526-100001  
Order Date: 2023-05-26  
Sample # AAEN093  
Serving Number: 10.00000

Sampling Date: 2023-05-31  
Lab Batch Date: 2023-05-31  
Completion Date: 2023-06-06  
Serving Description: Serving max is  
5mg/package so serving size may vary based  
on potency per gram

Initial Gross Weight: 43.339 g  
Net Weight: 10.439 g

Number of Units: 1  
Net Weight per Package: 10439.000 mg  
Net Weight per Serving: 1043.9 mg

Missing Serving Description

**Moisture**  
Net Weight: 10.439 g

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	10.450

**Tested**  
SOP13.015 (Moisture  
Meter)

**Total Yeast and Mold**  
Specimen Weight: 988.400 mg

Dilution Factor: 1.000

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


**Passed**  
SOP13.017  
(qPCR)

**Pathogenic Microbiology SAE (MicroArray)**  
Specimen Weight: 1027.500 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

**Passed**  
SOP13.019 (Micro  
Array)

  
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Definitions are found on page 1

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Net Weight: 10.439 g

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Net Weight per Package: 10439.000 mg  
Net Weight per Serving: 1043.9 mg


Missing Serving Description

**H Heavy Metals - LA**  
Specimen Weight: 252.400 mg

**Passed**  
SOP13.048 (ICP-MS)

Dilution Factor: 198.098

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Arsenic (As)	.00483	0.1	10	<LOQ	Lead (Pb)	.01176	0.1	10	0.291
Cadmium (Cd)	.00064	0.1	4.1	0.113	Mercury (Hg)	.00058	0.1	2	<LOQ

  
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Net Weight per Serving: 1043.9 mg


### Pesticides - LA

Specimen Weight: 614.700 mg

**Passed**  
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.440

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	3.1800E-4	0.02823	0.3	<LOQ	Hexythiazox	6.1900E-5	0.03	2	<LOQ
Acephate	3.9632E-2	0.03	5	<LOQ	Imazalil	2.9500E-4	0.03	0	<LOQ
Acequinocyl	5.7646E-2	0.048	4	<LOQ	Imidacloprid	1.5300E-4	0.03	3	<LOQ
Acetamiprid	3.3800E-10	0.03	5	<LOQ	Kresoxim Methyl	1.4500E-4	0.03	1	<LOQ
Aldicarb	2.2744E-2	0.03	0	<LOQ	Malathion	1.3300E-4	0.03	5	<LOQ
Azoxystrobin	1.3247E-2	0.01	40	<LOQ	Metaxyl	4.8600E-5	0.03	15	<LOQ
Bifenazate	2.1700E-8	0.03	5	<LOQ	Methiocarb	2.2810E-3	0.03	0	<LOQ
Bifenthrin	8.4200E-4	0.03	0.5	<LOQ	Methomyl	1.1500E-6	0.03	0.1	<LOQ
Boscalid	4.3300E-6	0.01	10	<LOQ	Mevinphos	4.4200E-5	0.03	0	<LOQ
Captan	6.1200E+0	0.03	10	<LOQ	Myclobutanil	7.0006E-1	0.03	9	<LOQ
Carbaryl	1.3800E-5	0.01	0.5	<LOQ	Naled	5.8500E-6	0.03	0.5	<LOQ
Chlorfenapyr	1.5370E+1	0.048	0.1	<LOQ	Oxamyl	1.6190E-3	0.03	0.2	<LOQ
Chlorpyrifos	9.0900E-5	0.03	100	<LOQ	Paclobutrazol	6.9300E-8	0.03	0	<LOQ
Clofentezine	3.7100E-7	0.03	0.5	<LOQ	Pentachloronitrobenzen(Quintozene)	4.3900E+0	0.03	0.2	<LOQ
Coumaphos	9.8600E-5	0.03	0	<LOQ	Permethrin	2.2089E-2	0.03	20	<LOQ
Cyfluthrin	2.8130E+1	0.03	1	<LOQ	Phosmet	9.6150E-3	0.03	0.2	<LOQ
Cypermethrin	1.1900E-6	0.03	1	<LOQ	Piperonylbutoxide	1.3400E-7	0.03	8	<LOQ
Daminozide	3.0408E-1	0.03	0	<LOQ	Prallethrin	1.6732E-1	0.03	0.4	<LOQ
Diazinon	3.9100E-10	0.03	0.2	<LOQ	Propiconazole	2.1300E-14	0.03	20	<LOQ
Dichlorvos	1.1406E+0	0.03	0	<LOQ	Propoxur	3.5081E-1	0.03	0	<LOQ
Dimethoate	2.8400E-6	0.03	0	<LOQ	Pyrethrins	6.2350E-3	0.03	1	<LOQ
Dimethomorph	1.5700E-4	0.03	20	<LOQ	Pyridaben	8.7500E-15	0.03	3	<LOQ
Ethoprophos	1.5900E-5	0.03	1.5	<LOQ	Spinetoram	2.3645E-2	0.03	3	<LOQ
Etofenprox	8.3050E-3	0.03	0	<LOQ	Spinosad	5.9903E-1	0.03	3	<LOQ
Etoxazole	8.3558E-1	0.03	1.5	<LOQ	Spiromesifen	3.2183E-1	0.03	12	<LOQ
Fenhexamid	1.0947E+0	0.03	10	<LOQ	Spirotetramat	4.2760E-2	0.03	13	<LOQ
Fenoxycarb	3.4507E-1	0.03	0	<LOQ	Spiroamine	1.2172E+0	0.03	0	<LOQ
Fenpyroximate	4.4800E-7	0.03	2	<LOQ	Tebuconazole	1.4800E-14	0.02	2	<LOQ
Fipronil	2.8847E-2	0.03	0.1	<LOQ	Thiacloprid	1.1200E-5	0.03	0	<LOQ
Flonicamid	6.9733E-2	0.03	2	<LOQ	Thiamethoxam	2.2500E-6	0.03	4.5	<LOQ
Fludioxonil	1.3402E-2	0.03	30	<LOQ	Trifloxystrobin	2.1700E-13	0.03	30	<LOQ

  
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