



Certificate of Analysis

Compliance Test

Client Information:

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

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

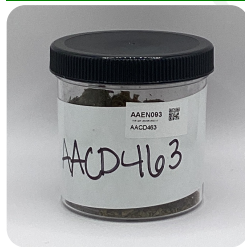
Test Reg State: Louisiana

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



Product Image



Potency Tested



Heavy Metals Passed



Pesticides Passed



Moisture Tested



Pathogenic Microbiology Passed



Microbiology (qPCR) Passed

Delta 8/Delta 10 Potency 13 - (LCUV)

Specimen Weight: 196.270 mg

Passed

SOP13.052 (LCUV)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD-A	1.00E-5	0.0015	124.640	12.464
CBD	5.40E-5	0.0015	41.120	4.112
CBC	1.80E-5	0.0015	12.120	1.212
CBGA	8.00E-5	0.0015	9.150	0.915
Delta-8 THC	2.60E-5	0.0015	3.450	0.345
THCA-A	3.20E-5	0.0015	2.520	0.252
CBG	2.48E-4	0.0015	2.050	0.205
CBN	1.40E-5	0.0015	0.820	0.082
CBDV	6.50E-5	0.0015	0.410	0.041
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD			150.426	15.0426
Total Active THC			2.210	0.221



Potency Summary

Total Delta 8 per Serving 0.385% 4.01902mg	Total Delta 10 per Serving None Detected
Delta 9 THC per Serving 0.247% 2.5784mg	Total Active CBD at Dry Weight per Serving 16.798% 175.3543mg
Total CBG per Serving 1.125% 11.7439mg	Total CBN per Serving 0.092% 0.9604mg
Other Cannabinoids per Serving 1.394% 14.552mg	Total Cannabinoids per Serving 20.041% 209.208mg
Total Active CBD Per Package 16.798% 1753.5804mg	Total Active THC at Dry Weight per Serving 0.566% 5.9085mg
Total Active THC Per Package 0.566% 59.08474mg	Delta 9 THC per Package 0.247% 25.7843mg

Sample was oven dried before potency testing.

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 * 0.87), 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, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit Sample not received via laboratory sampling. *Measurement of Uncertainty = +/- 10%
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3535 SOUTH SHERWOOD FOREST
BLVD
STE 251
BATON ROUGE, LOUISIANA 70810

Batch # AACD455
Batch Date: 2022-09-22
Extracted From: Consumable Hemp

Test Reg State: Louisiana

Order # FIV230526-100001
Order Date: 2023-05-26
Sample # AAEN097
Serving Number: 10.00000

Sampling Date: 2023-05-31
Lab Batch Date: 2023-05-31
Completion Date: 2023-06-07
Serving Description: Serving max is
5mg/package so serving size may vary based
on potency per gram

Initial Gross Weight: 44.467 g
Net Weight: 11.067 g

Number of Units: 1
Net Weight per Package: 11067.000 mg
Net Weight per Serving: 1106.7 mg

Missing Serving Description

Moisture
Net Weight: 11.067 g

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	9.840

Tested
SOP13.015 (Moisture
Meter)

Total Yeast and Mold
Specimen Weight: 1044.800 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	27862	Passed


Passed
SOP13.017
(qPCR)

Pathogenic Microbiology SAE (MicroArray)
Specimen Weight: 1045.400 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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on potency per gram

Initial Gross Weight: 44.467 g
Net Weight: 11.067 g

Missing Serving Description

Number of Units: 1
Net Weight per Package: 11067.000 mg
Net Weight per Serving: 1106.7 mg



Heavy Metals - LA


Specimen Weight: 248.600 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 201.126

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	0.115
Cadmium (Cd)	.00064	0.1	4.1	<LOQ	Mercury (Hg)	.00058	0.1	2	<LOQ


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Initial Gross Weight: 44.467 g
Net Weight: 11.067 g

Number of Units: 1
Net Weight per Package: 11067.000 mg
Net Weight per Serving: 1106.7 mg

Pesticides - LA


Specimen Weight: 599.200 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

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
Ethionphos	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
Etiozale	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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