ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

THC MOONROCKS
Sample Matrix: CBD/HEMP Flower & Plants (External Use)

Certificate of Analysis

Compliance Test

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

Batch # TMMRAACD455
Batch Date: 2022-09-12
Extracted From: D8

Test Reg State: Oregon

Order # FIV220912-060001
Order Date: 2022-09-12
Sample # AADK329

Sampling Date: 2022-09-13
Lab Batch Date: 2022-09-13
Completion Date: 2022-09-16

Initial Gross Weight: 6.389 g

Number of Units: 1
Net Weight per Unit: 5.600 g

Product Image

Potency
Tested

Delta 8/Delta 10 Potency 13 - (LCUV)

Tested
SOP13.052 (LCUV)

Specimen Weight: 195.080 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBGA	8.00E-5	0.0015	93.590	9.359
CBDA	1.00E-5	0.0015	72.890	7.289
CBC	1.80E-5	0.0015	33.510	3.351
CBD	5.40E-5	0.0015	22.820	2.282
Delta-8 THC	2.60E-5	0.0015	4.990	0.499
CBG	2.48E-4	0.0015	3.800	0.380
THCA	3.20E-5	0.0015	1.840	0.184
CBN	1.40E-5	0.0015	1.110	0.111
CBDV	6.50E-5	0.0015		<LOQ
Delta-10 THC	3.00E-6	0.0015		<LOQ
Delta-9 THC	1.30E-5	0.1		<LOQ
Delta6a10a-THC	8.47E-5	0.0015		<LOQ
THCV	7.00E-6	0.0015		<LOQ

Potency Summary

Total Active THC 0.161% 9.040mg	Total Active CBD 8.674% 485.770mg
Total CBG 8.588% 480.930mg	Total CBN 0.111% 6.220mg
Other Cannabinoids 3.850% 215.600mg	Total Cannabinoids 21.385% 1,197.560mg

Xueli Gao Ph.D., DABT — Lab Toxicologist

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

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QA By: 1057 on 2022-09-16 18:11:07 V1

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CLIA No. 10D1094068

DELTA 8 THC TRAINWRECK MOONROCKS
Sample Matrix: CBD/HEMP Flower & Plants (External Use)

Certificate of Analysis

Compliance Test

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

Sampling Method: MSP 7.3.1
Test Reg State: Oregon

Order # FIV220608-020002
Order Date: 2022-06-08
Sample # AACX726

Sampling Date: 2022-06-13
Lab Batch Date: 2022-06-13
Completion Date: 2022-06-16

Initial Gross Weight: 12.874 g

Pesticides

Passed
SOP13.007 (LCMS/GCMS)

Specimen Weight: 258.000 mg

Dilution Factor: 5.814

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Imazalil	30	100	<LOQ
Acephate	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Acetamiprid	30	3000	<LOQ	Malathion	30	2000	<LOQ
Aldicarb	30	100	<LOQ	Metalaxyl	10	3000	<LOQ
Azoxystrobin	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Bifenazate	30	3000	<LOQ	Methomyl	30	100	<LOQ
Bifenthrin	30	500	<LOQ	Mevinphos	30	100	<LOQ
Carbaryl	10	500	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorfenapyr	48	100	<LOQ	Naled	30	500	<LOQ
Chlorpyrifos	30	100	<LOQ	Oxamyl	30	500	<LOQ
Clofentezine	30	500	<LOQ	Paclobutrazol	30	100	<LOQ
Coumaphos	30	100	<LOQ	Parathion-methyl	48	100	<LOQ
Cyfluthrin	30	1000	<LOQ	Pentachloronitro benzene	30	200	<LOQ
Cypermethrin	30	1000	<LOQ	Permethrin	30	1000	<LOQ
Daminozide	30	100	<LOQ	Phosmet	30	200	<LOQ
Diazinon	30	200	<LOQ	Piperonylbutoxid e	30	3000	<LOQ
Dichlorvos	30	100	<LOQ	Prallethrin	30	400	<LOQ
Dimethoate	30	100	<LOQ	Propiconazole	30	1000	<LOQ
Dimethomorph	30	3000	<LOQ	Propoxur	30	100	<LOQ
Ethoprophos	30	100	<LOQ	Pyrethrins	30	1000	<LOQ
Etofenprox	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Etoxazole	30	1500	<LOQ	Spinetoram	30	3000	<LOQ
Fenhexamid	30	3000	<LOQ	Spiromesifen	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Fenpyroximate	30	2000	<LOQ	Spiroxamine	30	100	<LOQ
Fipronil	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Flonicamid	30	2000	<LOQ	Thiacloprid	30	100	<LOQ
Fludioxonil	30	3000	<LOQ	Thiamethoxam	30	1000	<LOQ
Hexythiazox	30	2000	<LOQ	Trifloxystrobin	30	3000	<LOQ

Listeria Monocytogenes

Passed
SOP13.010 (qPCR)

Specimen Weight: 1004.900 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocyt ogenes	1	Absence in 1g

Residual Solvents - FL (CBD)

Passed
SOP13.039 (GCMS)

Specimen Weight: 12.600 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethe ne	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroetha ne	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcoho l	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	10.524
Benzene	0.02	2	<LOQ	Methylene chlori de	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	<LOQ	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylen e	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				

Mycotoxins

Passed
SOP13.007 (LCMS)

Specimen Weight: 258.000 mg

Dilution Factor: 5.814

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ
Aflatoxin G1	6	20	<LOQ				

Heavy Metals

Passed
SOP13.048 (ICP-MS)

Specimen Weight: 249.920 mg

Dilution Factor: 200

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Lead (Pb)	100	500	236.309
Cadmium (Cd)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

Moisture

Tested
SOP13.015 (Moisture Meter)

Specimen Weight: N/A **Dilution Factor: 1.000**

Analyte	Action Level (%)	Result (%)
Moisture	15	9.810

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

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

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DELTA 8 THC TRAINWRECK MOONROCKS
Sample Matrix: CBD/HEMP Flower & Plants (External Use)

Certificate of Analysis

Compliance Test

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

Sampling Method: MSP 7.3.1
Test Reg State: Oregon

Order # FIV220608-020002
Order Date: 2022-06-08
Sample # AACX726

Sampling Date: 2022-06-13
Lab Batch Date: 2022-06-13
Completion Date: 2022-06-16

Initial Gross Weight: 12.874 g

Pathogenic SAE (qPCR)

Passed

SOP13.010 (qPCR)

Specimen Weight: 268.300 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Fla vus, Fumigatus, Niger, Terreus)	1	Absence in 1 g	Salmonella	1	Absence in 1 g
E.Coli	1	Absence in 1 g			

Xueli Gao Ph.D., DABT — Lab Toxicologist

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

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FL License # CMTL-0003
CLIA No. 10D1094068

Hemp Flower Microbiology
Sample Matrix: CBD/HEMP Flower & Plants (Ingestion)

Certificate of Analysis

Compliance Test

Client Information:

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

Batch # twmrd8 micro 2
Batch Date: 2023-04-19
Extracted From: Hemp

Test Reg State: Oregon

Order # FIV230419-070001
Order Date: 2023-04-19
Sample # AAEJ306

Sampling Date: 2023-04-21
Lab Batch Date: 2023-04-21
Completion Date: 2023-04-25

Initial Gross Weight: 6.162 g

Product Image

Listeria Monocytogenes: **Passed**
Pathogenic: **Passed**
Microbiology Petrifilm: **Failed**

Pathogenic SAE (qPCR)

Specimen Weight: 231.790 mg

Passed
SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus flavus	1	Absence in 1g
E.Coli	1	Absence in 1g

Analyte	Action Level (cfu/g)	Result (cfu/g)
Salmonella	1	Absence in 1g

Microbiology (Petrifilm)

Specimen Weight: 998.400 mg

Failed
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Aerobic Bacteria	1000	10000	13000.000
E. Coli / Coliform	100	100	<100

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Enterobacteriaceae	100	1000	2300.000
Yeast/Mold	100	1000	3200.000

Listeria Monocytogenes

Specimen Weight: 999.800 mg

Passed
SOP13.032 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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

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QA By: 1057 on 2023-04-25 15:25:09 V1