



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

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

Batch # ABCDbubbakush
Batch Date: 2022-01-17

Test Reg State: Oregon

Production Facility: Airlie CBD

Order # FIV220211-030001
Order Date: 2022-02-11
Sample # AACL881

Sampling Date: 2022-02-15
Lab Batch Date: 2022-02-15
Completion Date: 2022-02-21

Initial Gross Weight: 3.683 g



Product Image

Potency
Tested

Delta 8/Delta 10 Potency 12

Specimen Weight: 191.290 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	0.00001	0.001	78.700	7.870
CBD	0.000054	0.001	21.700	2.170
CBGA	0.00008	0.001	2.800	0.280
THCA-A	0.000032	0.001	2.100	0.210
Delta-9 THC	0.000013	0.001	1.600	0.160
CBG	0.000248	0.001	1.000	0.100
CBC	0.000018	0.001	0.800	0.080
Delta-8 THC	0.000026	0.001	0.400	0.040
CBDV	0.000065	0.001	0.200	0.020
Delta-10 THC	0.000003	0.001	<LOQ	
CBN	0.000014	0.001	<LOQ	
THCV	0.000007	0.001	<LOQ	

Tested
(LCUV)

Potency Summary

Total Delta 8 0.040%	Total Delta 10 None Detected
Total THC 0.344%	Total CBD 9.072%
Total CBG 0.346%	Total CBN None Detected
Other Cannabinoids 0.100%	Total Cannabinoids 9.902%

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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Compliance Test

AIRLIE CBD
34082 EXCOR RD BUILDING A
ALBANY, OR 97321

Batch # ABCDbubbakush
Batch Date: 2021-03-29
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Oregon

Production Facility: Airlie cbd llc
Production Date: 2021-03-29

Order # AIR210329-010015
Order Date: 2021-03-29
Sample # AABD676

Sampling Date: 2021-03-30
Lab Batch Date: 2021-03-30
Completion Date: 2021-04-07



Heavy Metals

Specimen Weight: 246.600 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	297.000
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ



Mycotoxins

Specimen Weight: 169.900 mg

Passed
(LCMS)

Dilution Factor: 8.829

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

Xueli Gao
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Ph.D., DABT
Lab Toxicologist

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



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34082 EXCOR RD BUILDING A
ALBANY, OR 97321

Batch # ABCDbubbakush
Batch Date: 2021-03-29
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Oregon

Production Facility: Airlie cbd llc
Production Date: 2021-03-29

Order # AIR210329-010015
Order Date: 2021-03-29
Sample # AABD676

Sampling Date: 2021-03-30
Lab Batch Date: 2021-03-30
Completion Date: 2021-04-07



Pesticides

Specimen Weight: 169.900 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.829

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	Acetamidiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	30	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	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metaxalyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	Mevinphos	30	100	<LOQ
Myclobutanil	30	3000	<LOQ	Naled	30	500	<LOQ
Oxamyl	30	500	<LOQ	Paclobutrazol	30	100	<LOQ
Parathion-methyl	48	100	<LOQ	Pentachloronitrobenzene	30	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	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

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AIRLIE CBD
34082 EXCOR RD BUILDING A
ALBANY, OR 97321

Batch # ABCDbubbakush
Batch Date: 2021-03-29
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Oregon

Production Facility: Airlie cbd llc
Production Date: 2021-03-29

Order # AIR210329-010015
Order Date: 2021-03-29
Sample # AABD676

Sampling Date: 2021-03-30
Lab Batch Date: 2021-03-30
Completion Date: 2021-04-07



Residual Solvents - FL (CBD)

Specimen Weight: 13.300 mg

Passed
(GCMS)

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				



Moisture

Specimen Weight: 861.000 mg

Tested
(Moisture Meter)

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	7.960

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Lab Toxicologist

Aixa Sun
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D8 flower
Sample Matrix:
CBD/HEMP
Flower & Plants
(Inhalation - Heated)



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ALBANY, OR 97321

Batch # ABCDbubbakush
Batch Date: 2021-03-29
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Oregon

Production Facility: Airlie cbd llc
Production Date: 2021-03-29

Order # AIR210329-010015
Order Date: 2021-03-29
Sample # AABD676

Sampling Date: 2021-03-30
Lab Batch Date: 2021-03-30
Completion Date: 2021-04-07



Listeria Monocytogenes

Specimen Weight: 1024.300 mg

Passed
(qPCR)

Dilution Factor: 1.000

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



Pathogenic SAE (qPCR)

Specimen Weight: 274.430 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

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Certificate of Analysis

R&D

AIRLIE CBD
34082 EXCOR RD BUILDING A
ALBANY, OR 97321

Batch # 2252021-ABCD
Batch Date: 2021-02-25
Extracted From: Hemp

Test Reg State: Florida

Order # AIR210225-010010
Order Date: 2021-02-25
Sample # AABA558

Sampling Date: 2021-02-25
Lab Batch Date: 2021-02-25
Completion Date: 2021-03-03

Initial Gross Weight: 10.594 g



Heavy Metals

Specimen Weight: 246.500 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) None Detected							



Mycotoxins

Specimen Weight: 173.600 mg

Passed
(LCMS)

Dilution Factor: 8.641

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

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R&D

AIRLIE CBD
34082 EXCOR RD BUILDING A
ALBANY, OR 97321

Batch # 2252021-ABCD
Batch Date: 2021-02-25
Extracted From: Hemp

Test Reg State: Florida

Order # AIR210225-010010
Order Date: 2021-02-25
Sample # AABA558

Sampling Date: 2021-02-25
Lab Batch Date: 2021-02-25
Completion Date: 2021-03-03

Initial Gross Weight: 10.594 g



Pesticides FL V4

Specimen Weight: 173.600 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.641

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	Acetamid	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	Clofentazine	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	Flonicamid	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
Metaxalyl	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
Paclobutrazol	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
Ph.D., DABT
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Lab Director/Principal Scientist



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License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

R&D

AIRLIE CBD
34082 EXCOR RD BUILDING A
ALBANY, OR 97321

Batch # 2252021-ABCD
Batch Date: 2021-02-25
Extracted From: Hemp

Test Reg State: Florida

Order # AIR210225-010010
Order Date: 2021-02-25
Sample # AABA558

Sampling Date: 2021-02-25
Lab Batch Date: 2021-02-25
Completion Date: 2021-03-03

Initial Gross Weight: 10.594 g



Residual Solvents - FL (CBD)

Specimen Weight: 8.200 mg

Passed
(GCMS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	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				



Listeria Monocytogenes

Specimen Weight: 449.250 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Certificate of Analysis

R&D

AIRLIE CBD
34082 EXCOR RD BUILDING A
ALBANY, OR 97321

Batch # 2252021-ABCD
Batch Date: 2021-02-25
Extracted From: Hemp

Test Reg State: Florida

Order # AIR210225-010010
Order Date: 2021-02-25
Sample # AABA558

Sampling Date: 2021-02-25
Lab Batch Date: 2021-02-25
Completion Date: 2021-03-03

Initial Gross Weight: 10.594 g



Pathogenic SAE (qPCR)

Specimen Weight: 235.300 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

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Aixa Sun
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