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

MINI MIXABLE CBD/THC VIAL
Sample Matrix:
CBD/HEMP
Derivative Products
(External Use)

Certificate of Analysis

Compliance Test

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

Batch # MMAACD475
Batch Date: 2022-10-06
Extracted From: THC

Test Reg State: Oregon

Order # FIV221006-020001
Order Date: 2022-10-06
Sample # AADN245

Sampling Date: 2022-10-18
Lab Batch Date: 2022-10-18
Completion Date: 2022-10-20

Initial Gross Weight: 56.817 g

Product Image

Potency
Tested

Delta 8/Delta 10 Potency 13 - (LCUV)

Tested
SOP13.052 (LCUV)

Specimen Weight: 58.460 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBC	1.80E-5	0.0015	68.230	6.823
CBD	5.40E-5	0.0015	20.640	2.064
Delta-8 THC	2.60E-5	0.0015	2.640	0.264
CBDA	1.00E-5	0.0015		<LOQ
CBDV	6.50E-5	0.0015		<LOQ
CBG	2.48E-4	0.0015		<LOQ
CBGA	8.00E-5	0.0015		<LOQ
CBN	1.40E-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
THCA	3.20E-5	0.0015		<LOQ
THCV	7.00E-6	0.0015		<LOQ

Potency Summary

Total Delta 8 0.264%	**Total Delta 10** - None Detected
Total Active THC - None Detected	**Total Active CBD** 2.064%
Total CBG - None Detected	**Total CBN** - None Detected
Other Cannabinoids 6.823%	**Total Cannabinoids** 9.151%

Xueli Gao, Ph.D., DABT — Lab Toxicologist
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

PJLA Testing Accreditation #101103
AHCA

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 THCV = 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, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

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QA By: 1042 on 2022-10-20 16:49:38 V1

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CLIA No. 10D1094068

Delta 8 Distillate
Sample Matrix: CBD/HEMP Derivative Products (Inhalation - Heated)

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

Passed
(ICP-MS)

Specimen Weight: 246.500 mg

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

Passed
(LCMS)

Specimen Weight: 173.600 mg

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				

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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CLIA No. 10D1094068

Delta 8 Distillate
Sample Matrix:
CBD/HEMP
Derivative Products
(Inhalation - Heated)

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

Pesticides FL V4

Passed
(LCMS/GCMS)

Specimen Weight: 173.600 mg

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	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	Chlormequat 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	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
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
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 — Lab Toxicologist

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

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Delta 8 Distillate
Sample Matrix:
CBD/HEMP
Derivative Products
(Inhalation - Heated)

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)

Passed
(GCMS)

Specimen Weight: 8.200 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				

Listeria Monocytogenes

Passed
(qPCR)

Specimen Weight: 449.250 mg

Dilution Factor: 1.000

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

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

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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)

Passed
(qPCR)

Specimen Weight: 235.300 mg

Dilution Factor: 1.000

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

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

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