

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

# Certificate of Analysis

## Compliance Test

**Airlie CBD LLC**  
34081 Excor Road  
Albany, OR 97321

Batch # 1071594-2021-0017  
Batch Date: 2021-09-06  
Extracted From: Hemp Biomass

Test Reg State: Oregon

Order # HXL210928-010001  
Order Date: 2021-09-28  
Sample # AABZ343

Sampling Date: 2021-10-08  
Lab Batch Date: 2021-10-08  
Completion Date: 2021-10-19

Initial Gross Weight: 31.871 g



Product Image

Potency Tested

Heavy Metals Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Microbiology (qPCR) Passed

pH Level Tested



### Potency 21

Specimen Weight: 50.900 mg

Tested (HPLC)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	100.000	0.000026	0.001	933.000	93.300
THCO-Acetate	100.000	0.000077	0.003	13.010	1.301
CBT	100.000	0.0002	0.001	7.165	0.717
Delta-8 THCV	100.000	0.00004	0.001	4.798	0.480
CBN	100.000	0.000014	0.001	3.258	0.326
CBD	100.000	0.000054	0.001	0.391	0.039
CBL	100.000	0.000035	0.001	0.054	0.005
CBG	100.000	0.000248	0.001		<LOQ
THCV	100.000	0.000007	0.001		<LOQ
THCVA	100.000	0.000047	0.001		<LOQ
THCA-A	100.000	0.000032	0.001		<LOQ
CBDA	100.000	0.00001	0.001		<LOQ
CBGA	100.000	0.00008	0.001		<LOQ
Exo-THC	100.000	0.00023	0.001		<LOQ
Delta-9 THC	100.000	0.000013	0.001		<LOQ
CBCA	100.000	0.000107	0.001		<LOQ
CBDV	100.000	0.0000650	0.001		<LOQ
Delta-10 THC	100.000	0.000003	0.001		<LOQ
CBDVA	100.000	0.000014	0.001		<LOQ
CBNA	100.000	0.000095	0.001		<LOQ
CBC	100.000	0.000018	0.001		<LOQ



### Potency Summary

Total THC None Detected	Total CBD 0.039%
Total CBG None Detected	Total CBN 0.326%
Other Cannabinoids 95.803%	Total Cannabinoids 96.168%

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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Completion Date: 2021-10-19

Initial Gross Weight: 31.871 g

**H Heavy Metals** **Passed**  
(ICP-MS)  
Specimen Weight: 250.200 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

**Mycotoxins** **Passed**  
(LCMS)  
Specimen Weight: 168.600 mg

Dilution Factor: 8.997

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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**Pesticides** **Passed**  
(LCMS/GCMS)  
Specimen Weight: 168.600 mg  
Dilution Factor: 8.897

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
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentazine	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
Metalaxyl	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	Paclbutrazol	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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**Residual Solvents - FL (CBD)** **Passed**  
(GCMS)

Specimen Weight: 106.500 mg  
Dilution Factor: 50.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetone	2.08	5000	<LOQ	Benzene	0.02	2	<LOQ
Butanes	2.5	2000	<LOQ	Ethanol	2.78	5000	Passed
Ethyl Acetate	1.11	5000	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Pentane	2.08	5000	<LOQ
Propane	5.83	2100	<LOQ	Toluene	2.92	890	<LOQ
Total Xylenes	2.92	2170	<LOQ				

**Microbiology (qPCR)** **Passed**  
(qPCR)

Specimen Weight: 229.400 mg  
Dilution Factor: 1.000

Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed
Total Enterobacteriaceae	Passed	Total Yeast/Mold	Passed

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### pH Level

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

Analyte	Result (pH)
pH Level	5.0

**Tested**  
(pH Meter)

*Xueli Gao*  
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