10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
Delta 8 gummies
N/A
Matrix: Edible

Certificate of Analysis

Sample:KN11216006-001
Harvest/Lot ID: d80200AC-121521
Batch#: D80200AC
Seed to Sale# N/A
Batch Date: 12/15/21
Sample Size Received: 2 units
Total Weight/Volume: N/A
Retail Product Size: 2 ml
Ordered : 12/15/21
sampled : 12/15/21
Completed: 12/17/21 Expires: 12/17/22
Sampling Method: SOP Client Method

Dec 17, 2021 | Five Leaf Laboratories

3535 S Sherwood Forest Blvd
Baton Rouge, LA, 70816, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

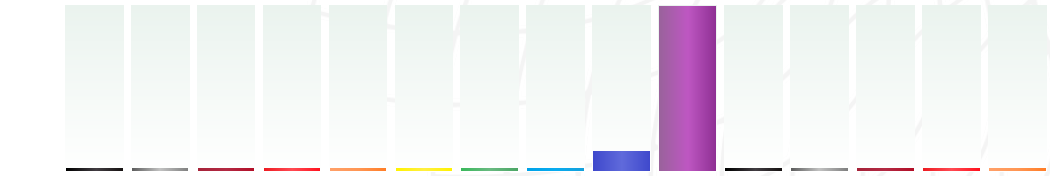
Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.09%

Total d8-THC
0.752%

Total Cannabinoids
0.842%



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO
%	ND	ND	ND	ND	<0.01	ND	<0.01	ND	0.09	0.752	<0.01	<0.01	ND	ND	ND
mg/g	ND	ND	ND	ND	<0.1	ND	<0.1	ND	0.9	7.52	<0.1	<0.1	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.002 %

Cannabinoid Profile Test

Analyzed by
113

Weight
0.2311g

Extraction date :
12/17/21 10:12:34

Extracted By :
113

Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Reviewed On -
12/17/21 10:49:49

Batch Date : 12/16/21 12:26:22

Analytical Batch -KN001704POT **Instrument Used :** HPLC E-SHI-008 **Running On :**

Reagent	Dilution	Consums. ID
081321.R04 121421.R01 120221.R02	40	94789291.217 0030220

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.).
*Based on FL action limits.

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Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

12/17/21
Signed On

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License No. 800025015
FL License # CMTL-0003
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

Product Image

Potency Tested
Heavy Metals Passed
Mycotoxins Passed
Pesticides Passed
Residual Solvents Passed
Listeria Monocytogenes Passed
Pathogenic Passed

Delta 8/Delta 10 Potency 12

Tested (LCUV)

Specimen Weight: 56.920 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	825.900	82.590
CBN	10.000	0.000014	0.001	0.303	0.030
Delta-10 THC	10.000	0.000003	0.001		<LOQ
Delta-9 THC	10.000	0.000013	0.001		<LOQ
CBC	10.000	0.000018	0.001		<LOQ
CBD	10.000	0.000054	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ
CBGA	10.000	0.00008	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.00001	0.001		<LOQ

Potency Summary

Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN 0.030%
Other Cannabinoids 82.590%	Total Cannabinoids 82.620%

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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License No. 800025015
FL License # CMTL-0003
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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www.acslabcannabis.com

License No. 800025015
FL License # CMTL-0003
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

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

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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