

4131 SW 47th AVENUE SUITE 1408 **DAVIE, FL, 33314, US** 

# Certificate of Analysis

#### Kaycha Labs

THC Live Resin Vape - Citradelic Sunset Citradelic Sunset

Matrix: Derivative



Sample: DA00424010-009 Harvest/Lot ID: HS-TVF0424202004 **Cultivation Facility: Miami Cultivation Processing Facility: Homestead Processing** Seed to Sale #5670 6763 8741 1433

Batch Date : N/A

Batch#: HS-TVF0424202004

Sample Size Received: 7.0 gram Total Weight/Volume: 1000 gram Retail Product Size: 0.5 gram gram

Sampling Method: SOP.T.20.010

**Ordered**: 04/24/20 sampled: 04/24/20

Completed: 04/28/20

PASSED

Page 1 of 5

Apr 28, 2020 | CURALEAF FLORIDA

19000 SW 192 STREET MIAMI, FL, 33187, US



PRODUCT IMAGE

SAFETY RESULTS



Pesticides

PASSED



PASSED





Mycotoxins

PASSED



Solvents PASSED



PASSED



Water Activity





Moisture

NOT TESTED



TESTED

**PASSED** 

MISC.

CANNABINOID RESULTS

**Total THC** 



PASSED

**Total CBD** 1.917% CBD/Container: 9.588 mg



**Total Cannabinoids** 89.841% **Total Cannabinoids/Container** 

Filth Analyzed By **Extraction date** Extracted By 04/24/20 LOD Analysis Method -5OP.T.40.013 Batch Date : 04/24/20 11:51:42
Analytical Batch -DA011942FIL Reviewed On - 04/24/20 14:07:14
Instrument Used : Filth/Foreign Material Microscope

	I		ı											
	TOTAL CA	TOTAL CB	TOTAL TH	СВС	CBGA	CBG	тнсу	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
% mg/g	89.8409 898.4100	1.9170 19.1700	83.8379 838.3790	1.1500 11.5000	ND ND	1.9060 19.0600	0.6230 6.2300	<0.300 <0.300	ND ND	0.3790 3.7900	0.2230 2.2300	1.7220 17.2200	83.8379 838.3800	ND ND
LOD	0.0000 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0001	0.0001	0.0010

#### Cannabinoid Profile Test

Analyzed by Weight Extraction date : Extracted By : Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 04/27/20 10:43:26 Batch Date : 04/24/20 12:15:25 Instrument Used : DA-LC-003 CBD Analytical Batch -DA011944POT

Reagent Dilution Consums. ID 032320.25 042420.R18 042420.R17

Full spectrum cannabinoid analysis utilizing High for analysis. LOQ for all cannabinoids is 1 mg/L).

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#### Jorge Segredo

Lab Director

State License # CMTL-0002 ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164



04/28/20



**Kaycha Labs** 

THC Live Resin Vape - Citradelic Sunset

Citradelic Sunset Matrix : Derivative



**Certificate of Analysis** 

**PASSED** 

Sample: DA00424010-009

Harvest/LOT ID: HS-TVF0424202004

Batch# : HS-TVF0424202004 Sampled: 04/24/20

Sample Size Received: 7.0 gram Total Weight/Volume: 1000 gram Completed: 04/28/20 Expires: 04/28/21 Ordered: 04/24/20 Sample Method: SOP.T.20.010

Page 2 of 5



Total (%)

19000 SW 192 STREET

**Telephone:** 7865860672

Email: erick.ramirez@curaleaf.com

MIAMI, FL, 33187, US

## **Terpenes**

# **TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-CEDRENE	0.007	ND	ND		EUCALYPTOL	0.007	ND	ND	
ALPHA-HUMULENE	0.007	1.295	0.129		ISOBORNEOL	0.007	ND	ND	
ALPHA-PINENE	0.007	1.818	0.181		HEXAHYDROTHYMOL	0.007	ND	ND	
ALPHA-TERPINENE	0.007	0.206	0.020		FENCHYL ALCOHOL	0.007	ND	ND	
BETA-MYRCENE	0.007	25.535	2.553		3-CARENE	0.007	< 0.2	< 0.020	
BETA-PINENE	0.007	1.570	0.157		CIS-NEROLIDOL	0.007	ND	ND	
BORNEOL	0.013	ND	ND		ISOPULEGOL	0.007	ND	ND	
CAMPHENE	0.007	< 0.2	< 0.020						
CAMPHOR	0.013	ND	ND						
CARYOPHYLLENE OXIDE	0.007	< 0.2	< 0.020		Terp	enes			TESTED
CEDROL	0.007	ND	ND		AON -	Circs			IESIED
ALPHA-BISABOLOL	. 0.007	0.913	0.091		<b>6</b>				$X \cap X$
SABINENE	0.007	ND	ND				X	XX	
SABINENE HYDRATE	0.007	ND	ND		Analyzed by We	ight Ex	traction	late	Extracted By
TERPINEOL	0.007	0.587	0.058		<b>1351</b> 0.984	7	24/20 12:04:0		1351
TERPINOLENE	0.007	6.960	0.696			17 17			
BETA- CARYOPHYLLENE	0.007	5.244	0.524		Analysis Method -SOI Analytical Batch -DAG			wed On -	04/27/20 10:56:34
TRANS-NEROLIDOL	0.007	ND	ND		Instrument Used : DA				
VALENCENE	0.007	ND	ND		Running On:				
PULEGONE	0.007	ND	ND		Batch Date : 04/23/20	08:46:08			
ALPHA- PHELLANDRENE	0.007	0.361	0.036			7 001-10100	<u> </u>		
OCIMENE	0.007	4.038	0.403		Reagent		Dilution	Cons	ums. ID
NEROL	0.007	< 0.2	< 0.020						
LINALOOL	0.007	1.471	0.147		030620.05		10	180111	
LIMONENE	0.007	7.348	0.734		030620.08 040720.08			280678	841
GUAIOL	0.007	ND	ND		012120.R13				
GERANYL ACETATE	0.007	ND	ND		041020.R25				
GERANIOL	0.007	ND	ND						
GAMMA- TERPINENE	0.007	< 0.2	< 0.020		Terpenoid profile screer (Gas Chromatography -	Mass Spect	trometer) w	hich can so	creen 38 terpenes
FENCHONE	0.007	ND	ND		using Method SOP.T.40.	091 Terpen	oid Analysis	Via GC/MS	5.
FARNESENE	0.007	2.609	0.260						
					+//	X	$\times$	$\rightarrow$	$\rightarrow$

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5.996

#### Jorge Segredo

Lab Director

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04/28/20

Signature



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Citradelic Sunset Matrix : Derivative



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Sample: DA00424010-009

Harvest/LOT ID: HS-TVF0424202004

Batch# : HS-TVF0424202004

Sampled: 04/24/20 Ordered: 04/24/20

Sample Size Received: 7.0 gram Total Weight/Volume: 1000 gram Completed: 04/28/20 Expires: 04/28/21

Sample Method: SOP.T.20.010

**PASSED** 

Page 3 of 5



19000 SW 192 STREET

**Telephone:** 7865860672

Email: erick.ramirez@curaleaf.com

MIAMI, FL, 33187, US

### **Pesticides**

## **PASSED**

Pesticides	LOD	Units	Action Level	Resi
ABAMECTIN B1A	0.01	ppm	0.1	ND
ACEPHATE	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	0.1	ND
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.2	ND
COUMAPHOS	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND
DIAZANON	0.01	ppm	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	0.5	ND
DIMETHOATE	0.01	ppm	0.1	ND
DIMETHOMORPH	0.02	ppm	0.2	ND
ETHOPROPHOS	0.01	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND
ETOXAZOLE	0.01	ppm	0.1	ND
FENHEXAMID	0.01	ppm	0.1	ND
FENOXYCARB	0.01	ppm	0.1	ND
FENPYROXIMATE	0.01	ppm	0.1	ND
FIPRONIL	0.01	ppm	0.1	ND
FLONICAMID	0.01	ppm	0.1	ND
FLUDIOXONIL	0.01	ppm	0.1	ND
HEXYTHIAZOX	0.01	ppm	0.1	ND
IMAZALIL	0.01	ppm	0.1	ND
IMIDACLOPRID	0.04	ppm	0.4	ND
KRESOXIM-METHYL	0.01	ppm	0.1	ND
MALATHION	0.02	ppm	0.2	ND
METALAXYL	0.01	ppm	0.1	ND
METHIOCARB	0.01	ppm	0.1	ND
METHOMYL	0.01	ppm	0.1	ND
METHYL PARATHION	0.005	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
MYCLOBUTANIL	0.01	ppm	0.1	ND
NALED	0.025	ppm	0.25	ND
OXAMYL	0.05	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PHOSMET	0.01	ppm	0.1	ND
		ee	1	

Pesticides	LOD	Units	Action Level	Result
PIPERONYL BUTOXIDE	0.1	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.1	ND
PROPICONAZOLE	0.01	ppm	0.1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRINS	0.05	ppm	0.5	ND
PYRIDABEN	0.02	ppm	0.2	ND
SPINETORAM	0.02	PPM	0.2	ND
SPIROMESIFEN	0.01	ppm	0.1	ND
SPIROTETRAMAT	0.01	ppm	0.1	ND
SPIROXAMINE	0.01	ppm	0.1	ND
TEBUCONAZOLE	0.01	ppm	0.1	ND
THIACLOPRID	0.01	ppm	0.1	ND
THIAMETHOXAM	0.05	ppm	0.5	ND
TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	5	0.025
TOTAL PERMETHRIN	0.01	ppm	0.1	ND
TOTAL SPINOSAD	0.01	ppm	0.1	< 0.050
TRIFLOXYSTROBIN	0.01	ppm	0.1	ND

尾气
0

Analyzed by

#### Pesticides

Weight **Extraction date** 

Extracted By

PASSED

Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T.40.070

Analytical Batch - DA011940PES

Instrument Used: DA-LCMS-001 DER (PES) Running On

Batch Date: 04/24/20 11:48:26

Reagent

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). \* Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

Dilution

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#### Jorge Segredo

Lab Director

State License # CMTL-0002 ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164



04/28/20

Signature



**Kaycha Labs** 

THC Live Resin Vape - Citradelic Sunset

Citradelic Sunset Matrix : Derivative



**Certificate of Analysis** 

**PASSED** 

19000 SW 192 STREET

MIAMI, FL, 33187, US **Telephone:** 7865860672

**Email:** erick.ramirez@curaleaf.com

Sample : DA00424010-009

Harvest/LOT ID: HS-TVF0424202004

**Batch#**: HS-TVF0424202004

Sampled: 04/24/20 Ordered: 04/24/20 Sample Size Received: 7.0 gram Total Weight/Volume: 1000 gram Completed: 04/28/20 Expires: 04/28/21

Sample Method: SOP.T.20.010

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#### **Residual Solvents**

#### **PASSED**



#### **Residual Solvents**



Reviewed On - 04/27/20 14:12:12

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
<b>BUTANES (N-BUTANE)</b>	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by	Weight	Extraction date	<b>Extracted By</b>

Analyzed by Weight Extraction date Extracted By 850 0.0247g 04/24/20 03:04:38 850

Analysis Method -SOP.T.40.032 Analytical Batch -DA011946SOL

Instrument Used : DA-GCMS-002

**Running On:** 

Batch Date: 04/24/20 13:29:23

Reagent	Dilution	Consums. ID		
	1	00279984		
		161291-1		
		24154107		

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).

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Jorge Segredo
Lab Director

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Signature

04/28/20



**DAVIE, FL, 33314, US** 

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Citradelic Sunset Matrix : Derivative



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Harvest/LOT ID: HS-TVF0424202004

Batch# : HS-TVF0424202004 Sampled: 04/24/20

Ordered: 04/24/20

Sample Size Received: 7.0 gram Total Weight/Volume: 1000 gram Completed: 04/28/20 Expires: 04/28/21

Sample Method: SOP.T.20.010

**PASSED** 

Page 5 of 5



19000 SW 192 STREET

**Telephone:** 7865860672

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MIAMI, FL, 33187, US

#### **Microbials**

### PASSED



#### Mycotoxins



LOD	Result	Action Level (cfu/g)	L
	not present in 1 gram.		Δ
	not present in 1 gram.		
	not present in 1 gram.		
	not present in 1 gram.		
SPP	not present in 1 gram.		
	not present in 1 gram.	/ / 7	C
	<100		_
			Α
	LOD	not present in 1 gram.	not present in 1 gram.

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041

Analytical Batch -DA011990MIC , DA011929TYM Batch Date : 04/27/20, 04/24/20 Instrument Used: PathogenDX PCR\_Array Scanner DA-111, PathogenDX PCR\_DA-171, PathogenDX PCR\_Array Scanner DA-111

Running On:

Analyzed by 513, 513	Weight 0.9188g	Extraction date 04/28/20		Extracted By 513, 357	
Reagent	Reagent	Reagent	Consums. ID	Consums. ID	
082019.32	013120.383	020420.367	SG298A	19323	
101619.04	022120.244	022120.227	181207119C	23819111	
022120.56	022120.292	022120.228	918C4-918J	190611634	
022120.26	022120.203	032720.150	914C4-914AK		
022120.51	022120.204	032720.153	929C6-929H		
022120.180	121719.92	032720.51	50AX26219		

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has pactive in the 10.00 CEU. an action limit of 100,000 CFU

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065

Analytical Batch -DA011943 | Reviewed On - 04/27/20 14:32:01 Instrument Used: DA-LCMS-001\_DER (MYC)

Running On:

Batch Date: 04/24/20 11:57:13

Analyzed by	Weight	Extraction date	Extracted By
585	1g	04/24/20 06:04:11	585

– Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

# Hg

### **Heavy Metals**

## PASSED

Reagent	Reagent	Dilution	Consums. ID
042220.R01	042020.R28	50	106557-04-091619
042420.R01	041320.R01		
030920.01	042220.R02		
042120.R13			
042120.R15			
041320.R03			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	РРМ	ND	0.2
CADMIUM	0.02	PPM	ND	0.2
LEAD	0.05	PPM	ND	0.5
MERCURY	0.02	PPM	ND	0.2
Analyzed by	Weight	Extraction date		Extracted By
53	0.2676g	04/24/20 03	1:04:28	457

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -DA011932HEA | Reviewed On - 04/27/20 07:43:55 Instrument Used: DA-ICPMS-001

Running On:

Batch Date: 04/24/20 08:47:16

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS

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