

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

# Certificate of Analysis

Nov 17, 2021 | Green Roads

DEERFIELD BEACH, FL, 33441, US



Matrix: Edible



Sample: DA11113014-001 Harvest/Lot ID: L10X01 Batch#: BMR0117/GRW0015 Seed to Sale# N/A

Batch Date: 11/10/21

Sample Size Received: 28.50 gram

Total Weight/Volume: N/A

Retail Product Size: 28.50 gram Ordered: 11/12/21

sampled: 11/12/21

Completed: 11/17/21 Sampling Method: SOP Client Method

## PASSED

Page 1 of 5



PRODUCT IMAGE

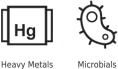
SAFETY RESULTS







PASSED





Mycotoxins



PASSED



PASSED







Moisture

**NOT TESTED** 

TESTED

**CANNABINOID RESULTS** 



**Total THC** 0.000%

TOTAL THC/Container : 0 mg

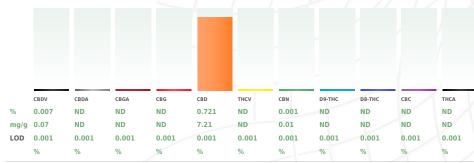


**Total CBD** TOTAL CBD/Container :205.485 mg



**Total Cannabinoids** 

Total Cannabinoids/Container :207.765 mg





### **PASSED**

Analyzed By	Weight	E	xtraction date	Extracted By	
457	NA	1	1/15/21		457
Analyte		L	OD	Result	
Filth and Foreign I	Material	0.	1	ND	
Analysis Method	-SOP.T.40.0	13	Batch Date: 11/	15/21 10:05:58	
<b>Analytical Batch</b>	-DA034117F	IL	Reviewed On - 1	1/15/21 10:14:21	
Instrument Use	d: Filth/Forei	gn N	Naterial Microscop	oe .	

## **Cannabinoid Profile Test**

Analyzed by Weight Extraction date: Extracted By: 11/15/21 06:11:46 Reviewed On - 11/16/21 12:56:27 Analysis Method -SOP.T.40.020, SOP.T.30.050 Batch Date : 11/15/21 12:24:27 Analytical Batch -DA034128POT Instrument Used : DA-LC-003 (Edibles) Running On: 11/15/21 23:05:53

111521 R27 CF0123 287035261 11945-019CD-019C 914C4-914AK 929C6-929H

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. 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



Signature

11/17/21



**Kaycha Labs** 

PET CBD DROPS MEDIUM DOG

Matrix : Edible



**DAVIE, FL, 33314, US** 

# **Certificate of Analysis**

PASSED

**Green Roads** 

601 Fairway Dr DEERFIELD BEACH, FL, 33441, US

Telephone: (844) 747-3367 Email: LAURA@GREENROADSWORLD.COM Sample: DA11113014-001 Harvest/LOT ID: L10X01

Batch#:

BMR0117/GRW0015

Sampled: 11/12/21 Ordered: 11/12/21

Sample Size Received: 28.50 gram

Total Weight/Volume: N/A

Completed: 11/17/21 Expires: 11/17/22 Sample Method : SOP Client Method

Page 2 of 5



## **Terpenes**

# **TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result
TOTAL TERPINEOL	0.007	ND	ND						(%)
CAMPHENE	0.007	ND	ND		BORNEOL	0.013	ND	ND	
BETA-MYRCENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
3-CARENE	0.007	ND	ND		PULEGONE	0.007	ND	ND	
ALPHA-PHELLANDREN	NE 0.007	ND	ND		ALPHA-	0.007	ND	ND	
OCIMENE	0.007	ND	ND		CEDRENE				
EUCALYPTOL	0.007	ND	ND		ALPHA-	0.007	ND	ND	
LINALOOL	0.007	ND	ND		HUMULENE				
FENCHONE	0.007	ND	ND		TRANS-	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND		NEROLIDOL		\ <u>/_</u> \/ \/	\	
ISOBORNEOL	0.007	ND	ND		GUAIOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND		A -				
GERANYL ACETATE	0.007	ND	ND		Tei	rpenes			TESTED
BETA-CARYOPHYLLEN	<b>IE</b> 0.007	ND	ND		905				
VALENCENE	0.007	ND	ND		Analyzed by	Weight	Extraction da	to	Extracted By
CEDROL	0.007	ND	ND		574	0.9544g	11/15/21 01:11:25		2651
CIS-NEROLIDOL	0.007	ND	ND		Analysis Method	1-SOP T 40 090			
FARNESENE	0.007	ND	ND		Analytical Batch		Re	viewed On -	11/16/21 13:43:12
CARYOPHYLLENE OXIDE	0.007	ND	ND		Instrument User Running On: 11	/16/21 13:11:14			
ALPHA-BISABOLOL	0.007	ND	ND		Batch Date: 11/	15/21 10:51:05	$\perp \perp \perp$		<u> </u>
ALPHA-PINENE	0.007	ND	ND		Reagent	Dilution	Consums	. ID	
SABINENE	0.007	ND	ND		081021.19	10	280678841		
BETA-PINENE	0.007	ND	ND		/ .		CE0123 914C4-914/	IK.	
ALPHA-TERPINENE	0.007	ND	ND				929C6-929I		
LIMONENE	0.007	ND	ND		Terpenoid profile scre	ening is performed u	sing GC-MS/MS TQ-8	040 with Liquid In	jection (Gas Chromatography -
GAMMA-TERPINENE	0.007	ND	ND		Mass Spectrometer T Via GC-MS/MS.	riple Quad) which car	screen 37 terpenes	using Method SO	P.T.40.090 Terpenoid Analysis
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND		1 1		— X	- X	$\rightarrow$
FENCHYL ALCOHOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						

Total (%)

ND

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### Jorge Segredo

Lab Director

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



11/17/21

Signature



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

## **Kaycha Labs**

PET CBD DROPS MEDIUM DOG

Matrix : Edible



PASSED

**Certificate of Analysis Green Roads** 

601 Fairway Dr DEERFIELD BEACH, FL, 33441, US

**Telephone:** (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample: DA11113014-001 Harvest/LOT ID: L10X01

Batch#:

BMR0117/GRW0015

Sampled: 11/12/21 Ordered: 11/12/21

Total Weight/Volume: N/A

Completed: 11/17/21 Expires: 11/17/22

Sample Method : SOP Client Method

Sample Size Received: 28.50 gram

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## **Pesticides**

# **PASSED**

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND
ACEPHATE	0.01	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND
ACETAMIPRID	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND
BOSCALID	0.01	PPM	3	ND
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
LOFENTEZINE	0.02	ppm	0.5	ND
OUMAPHOS	0.01	ppm	0.1	ND
AMINOZIDE	0.01	ppm	0.1	ND
IAZINON	0.01	ppm	3	ND
ICHLORVOS	0.01	ppm	0.1	ND
IMETHOATE	0.01	ppm	0.1	ND
IMETHOMORPH	0.02	ppm	3	ND
THOPROPHOS	0.01	ppm	0.1	ND
TOFENPROX	0.01	ppm	0.1	ND
TOXAZOLE	0.01	ppm	1.5	ND
ENHEXAMID	0.01	ppm	3	ND
ENOXYCARB	0.01	ppm	0.1	ND
ENPYROXIMATE	0.01	ppm	2	ND
IPRONIL	0.01	ppm	0.1	ND
LONICAMID	0.01	ppm	2	ND
LUDIOXONIL	0.01	ppm	3	ND
IEXYTHIAZOX	0.01	ppm	2	ND
MAZALIL	0.01	ppm	0.1	ND
MIDACLOPRID	0.04	ppm	3	ND
RESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.02	ppm	2	ND
IETALAXYL	0.01	ppm	3	ND
METHIOCARB	0.01	ppm	0.1	ND
IETHOMYL	0.01	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
IYCLOBUTANIL	0.01	ppm	3	ND
IALED	0.01	ppm	0.5	ND
DXAMYL	0.023	ppm	0.5	ND
ACLOBUTRAZOL	0.05	ppm	0.1	ND
PHOSMET	0.01		0.1	ND ND
PIPERONYL BUTOXIDE	0.01	ppm	3	
PRALLETHRIN		ppm		ND
*KALLE I HKIN	0.01	ppm	0.4	ND

Pesticides	LOD	Units	Action Level	Result
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRIN I	0.01	ppm	1	ND
PYRETHRIN II	0.01	ppm	1	ND
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.02	ppm	3	ND
SPINETORAM	0.02	PPM	3	ND
SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
SPIROMESIFEN	0.01	ppm	3	ND
SPIROTETRAMAT	0.01	ppm	3	ND
SPIROXAMINE	0.01	ppm	0.1	ND
TEBUCONAZOLE	0.01	ppm	1	ND
THIACLOPRID	0.01	ppm	0.1	ND
THIAMETHOXAM	0.05	ppm	1	ND
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.005	PPM		ND
TOTAL DIMETHOMORPH	0.02	PPM	3	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINETORAM	0.02	PPM	3	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND
PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
PARATHION-METHYL *	0.01	PPM	0.1	ND
CAPTAN *	0.025	PPM	3	ND
CHLORDANE *	0.01	PPM	0.1	ND
CHLORFENAPYR *	0.01	PPM	0.1	ND
CYFLUTHRIN *	0.01	PPM	1	ND
CYPERMETHRIN *	0.01	PPM	1	ND

**Pesticides** 

**Extraction date** 

PASSED

Analyzed by Weight u.oosbg 11/15/21 03:11:27 alysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, P.740.070 Analytical Batch - DA034120PES , DA034103VOL

Reviewed On- 11/15/21 10:14:21

Instrument Used: DA-LCMS-003 (PES), DA-GCMS-001 Running On: 11/15/21 16:31:31, 11/15/21 15:48:53

Batch Date: 11/15/21 10:09:09

Consums, ID 6524407-03

**Extracted By** 

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.40.066/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

Dilution

concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS

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### Jorge Segredo

Lab Director

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



11/17/21

Signature



Kaycha Labs

PET CBD DROPS MEDIUM DOG

Matrix : Edible



**Certificate of Analysis** 

**PASSED** 

**Green Roads** 

601 Fairway Dr

DEERFIELD BEACH, FL, 33441, US **Telephone:** (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA11113014-001 Harvest/LOT ID: L10X01

Batch#:

BMR0117/GRW0015

Sampled: 11/12/21 Ordered: 11/12/21 Sample Size Received: 28.50 gram

Total Weight/Volume : N/A

Completed: 11/17/21 Expires: 11/17/22 Sample Method: SOP Client Method

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XYLENES-M (1.3-

DIMETHYLBENZENE)

DIMETHYLBENZENE)

DIMETHYLBENZENE)

XYLENES-P (1.4-

XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)

## **Residual Solvents**

## PASSED



## **Residual Solvents**

**PASSED** 

Solvent	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	<250
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND

ppm

ppm

ppm

ppm

2170

2170

2170

2170

PASS

PASS

PASS

PASS

ND

ND

ND

ND

13.5

27

13.5

13.5

Analyzed by Weight Extraction date Extracted By

850 weight Extraction date Extracted By 11/15/21 04:11:39 850

Analysis Method -SOP.T.40.032

Analytical Batch -DA034135SOL Instrument Used : DA-GCMS-002

Reviewed On - 11/16/21 12:21:33

Running On: 11/16/21 11:38:31 Batch Date: 11/15/21 15:34:29

Reagent	Dilution	Consums. ID
030420.09	1	R2017.271
		G201.062

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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Lab Director

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11/17/21

Signature



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

## Kaycha Labs

PET CBD DROPS MEDIUM DOG

N/A Matrix : Edible



**PASSED** 

# **Certificate of Analysis**

**Green Roads** 

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**Telephone:** (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA11113014-001 Harvest/LOT ID: L10X01

Batch#:

BMR0117/GRW0015 **Sampled**: 11/12/21

Ordered: 11/12/21

Sample Size Received: 28.50 gram

Total Weight/Volume : N/A

Completed: 11/17/21 Expires: 11/17/22 Sample Method: SOP Client Method

Page 5 of 5



## Microbials

## **PASSED**



**OCHRATOXIN A** 

## Mycotoxins

## **PASSED**

Analyte	LOD	Result	Action Leve
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
LISTERIA_MONOCYTOGENES		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	<10 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041 Analytical Batch -DA034108MIC , DA034132TYM Batch Date : 11/15/21 09:47:35, 11/15/21 13:43:07

Instrument Used: PathogenDx Scanner DA-111,

Running On: 11/17/21 09:15:09

021121.08

Analyzed by	Weight	Extraction date	<b>Extracted By</b>
1829, 1829	1.0906g	11/15/21 01:11:01	513, 513

Reagent	Dilution
101521.R30	10
102921.R38	
082321.41	
110221.R65	

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 falls the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AELATOYIN B1	0.002	nnm	ND	0.02

ppm

ND

0.02

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

Analytical Batch -DA034121MYC | Reviewed On - 11/16/21 14:24:57

0.002

Instrument Used: DA-LCMS-003 (MYC) Running On: 11/15/21 16:31:48 Batch Date: 11/15/21 10:10:30

Analyzed by	Weight	Extraction date	Extracted By
585	g	11/15/21 03:11:05	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  $<20\mu g/Kg$ .



## **Heavy Metals**

# **PASSED**

Reagent	Reagent	Dilution	Consums. ID
102921.R27	111021.R32	100	3146-870-008
110921.R40	111021.R31		12265-115CC
110521.R30	111021.R65		179436
111521.R01	111021.R67		
111021.R30	021921.13		
110921.R41	110121.04		

Metal	LOD	Unit	Result	Action Level	
ARSENIC	0.02	PPM	ND	1.5	
CADMIUM	0.02	PPM	ND	0.5	
MERCURY	0.02	PPM	ND	3	
LEAD	0.05	PPM	ND	0.5	
Analyzed by	\ '	Extraction date		Extracted By	
53	0.254g	11/15/21 01:	11:14	1879	

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051 Analytical Batch -DA034104HEA | Reviewed On - 11/16/21 08:13:32

Instrument Used: DA-ICPMS-003 Running On: 11/16/21 08:07:01 Batch Date: 11/15/21 09:31:03

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) using Method SOP.T.30.052, SOP.T.30.053 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050, SOP.T.40.051 Heavy Metals Analysis via ICP-MS.

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## **Jorge Segredo**

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Signature