

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

Certificate of Analysis

Aug 31, 2020 | Green Roads

Deerfield Beach, Florida, 33441



Matrix: Edible



Sample: DA00826015-001 Harvest/Lot ID: H12W02 Seed to Sale #N/A

Batch Date :08/12/20 Batch#: BMR0060/GRW0038

Sample Size Received: 34.8 gram

Retail Product Size: 34.8 Ordered: 08/25/20

Sampled: 08/25/20

Completed: 08/31/20 Expires: 08/31/21 Sampling Method: SOP Client Method

PASSED

Page 1 of 5

601 Fairway Drive, 601 Fairway Drive



PRODUCT IMAGE SAFETY RESULTS









Heavy Metals

PASSED



Microbials

PASSED



PASSED

Reviewed On - 08/31/20 15:00:28

Batch Date: 08/26/20 13:06:46



Solvents

PASSED



Filth

PASSED



Water Activity

NOT TESTED



Moisture

NOT TESTED



TESTED

MISC.

Pesticides **PASSED**



CANNABINOID RESULTS



Total CBD CBD/Container:1601.844 mg

Total Cannabinoids

Total Cannabinoids/Container :1640.124 mg



LOD





СВС	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
ND	4.603%	ND	0.039%	0.066%	ND	ND	ND	0.005%	ND	ND
ND.	46.030 mg/g	ND	0.390 mg/g	0.660 mg/g	ND	ND	ND	0.050 mg/g	ND	ND
0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.001	0.001
6	%	%	%	%	%	%	%	%	%	%



Filth

PASSED

Weight Extraction date LOD(ppm) Extracted By 1g NA

Analysis Method -SOP.T.40.013 Analytical Batch -DA015069FIL

Batch Date: 08/25/20 11:35:39 Reviewed On - 08/26/20 13:16:45

Cannabinoid Profile Test

Analyzed by Weight Extraction date : Extracted By:

Analysis Method -SOP.T.40.020, SOP.T.30.050 Analytical Batch - DA015123POT Instrument Used: DA-LC-003

Dilution Consums, ID 061220.21 181019-274 918C4-918J 914C4-914AK 929C6-929H 76262-590 081420 R03

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 # 97164



08/31/2020

Signature



GRW 1500 MG FS ORIGINAL

Matrix: Edible



Certificate of Analysis

PASSED

Green Roads

601 Fairway Drive, 601 Fairway Drive Deerfield Beach, Florida, 33441 Telephone: (954) 609-5537 Email: ashley@greenroads.com

Sample: DA00826015-001 Harvest/LOT ID: H12W02

Batch#:

BMR0060/GRW0038 Sampled: 08/25/20 Ordered: 08/25/20

Sample Size Received: 34.8 gram Completed: 08/31/20 Expires: 08/31/21 Sample Method: SOP Client Method

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Terpenes

TESTED

% % % % %	ND ND ND		EUCALYPTOL ISOBORNEOL
% % %	ND ND		ISOBORNEOL
%	ND		
%			HEXAHYDRO
//*	ND		FENCHYL ALC
%	ND		3-CARENE
/0	ND		CIS-NEROLID
%	ND		ISOPULEGOL
%	ND		
%	ND		
%	ND		8
%	ND		
%	ND		Analyzed
%	ND		1351
%	ND		Australa M
%	ND		Analysis M
%	ND		Analytical
%	ND		Instrumen
%	ND		Batch Date
%	ND		Descript
%	ND		Reagent
%	ND		082420.R19
%	ND		082420.R20
%	ND		073020.R01
%	ND		082620.R03
%	ND		Terpenoid p
%	ND		(Gas Chrom
%	ND		using Metho
%	ND		
	% % %	% ND % ND ND ND	% ND ND

Terpenes	LOD	Units		Result (%)	
EUCALYPTOL	0.007	%	ND		ì
ISOBORNEOL	0.007	%	ND		
HEXAHYDROTHYMOL	0.007	%	ND		Ì
FENCHYL ALCOHOL	0.007	%	ND		ĺ
3-CARENE	0.007	%	ND		ĺ
CIS-NEROLIDOL	0.007	%	ND		ĺ
ISOPULEGOL	0.007	%	ND		Ì



Terpenes

TESTED

by

Weight 0.9452g

Extraction date 08/26/20 01:08:29

Extracted By 1351

lethod -SOP.T.40.090 Batch -DA015120TER

nt Used: DA-GCMS-005 e: 08/26/20 12:32:23

Reviewed On - 08/28/20 08:25:35

Dilution Consums. ID 280678841 76262-590

profile screening is performed using GC-MS with Liquid Injection natography - Mass Spectrometer) which can screen 38 terpenes od SOP.T.40.091 Terpenoid Analysis Via GC/MS.

Total 0.000

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Jorge Segredo

Lab Director

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08/31/2020

Signature



Kaycha Labs

GRW 1500 MG FS ORIGINA

Matrix: Edible



Certificate of Analysis

Green Roads

601 Fairway Drive, 601 Fairway Drive Deerfield Beach, Florida, 33441

Telephone: (954) 609-5537 Email: ashley@greenroads.com Sample: DA00826015-001 Harvest/LOT ID: H12W02

Batch#:

BMR0060/GRW0038 Sampled: 08/25/20 Ordered: 08/25/20

Sample Size Received: 34.8 gram Completed: 08/31/20 Expires: 08/31/21 Sample Method: SOP Client Method

PASSED

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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
CLOFENTEZINE	0.02	ppm	0.5	ND
COUMAPHOS	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND
DIAZANON	0.01	ppm	0.2	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND
DIMETHOMORPH	0.02	ppm	3	ND
THOPROPHOS	0.01	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND
TOXAZOLE	0.01	ppm	1.5	ND
ENHEXAMID	0.01	ppm	3	ND
FENOXYCARB	0.01	ppm	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND
FIPRONIL	0.01	ppm	0.1	ND
FLONICAMID	0.01	ppm	2	ND
FLUDIOXONIL	0.01	ppm	3	ND
HEXYTHIAZOX	0.01	ppm	2	ND
MAZALIL	0.01	ppm	0.1	ND
MIDACLOPRID	0.04	ppm	3	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.02	ppm	2	ND
METALAXYL	0.01	ppm	3	ND
METHIOCARB	0.01	ppm	0.1	ND
METHOMYL	0.01	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
MYCLOBUTANIL	0.01	ppm	3	ND
NALED	0.025	ppm	0.5	ND
OXAMYL	0.05	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PHOSMET	0.01	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.1	ppm	3	ND
PRALLETHRIN	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	PPM	20	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND

6	Pesticide	25	PASSED
Analyzed by	Weight	Extraction date	Extracted By
585	1.0321g	08/26/20 04:08:18	585

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070 Analytical Batch - DA014830PES

ment Used: DA-LCMS-001 DER (PES)

Reviewed On- 08/26/20 13:16:45

Reagent Dilution Consums, ID

Pesticide screen is performed using LC-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 SOP.T40.065 Procedure for Pesticide Quantification Using LCMS). * 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.

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Jorge Segredo

Lab Director

State License # CMTL-0002 ISO Accreditation # 97164



08/31/2020

Signature



Kaycha Labs

GRW 1500 MG FS ORIGINA

Matrix: Edible



Certificate of Analysis

PASSED

Green Roads

601 Fairway Drive, 601 Fairway Drive Deerfield Beach, Florida, 33441 Telephone: (954) 609-5537 Email: ashley@greenroads.com

Sample: DA00826015-001 Harvest/LOT ID: H12W02

Batch#:

BMR0060/GRW0038 Sampled: 08/25/20 Ordered: 08/25/20

Sample Size Received: 34.8 gram Completed: 08/31/20 Expires: 08/31/21 Sample Method: SOP Client Method

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XYLENES-P (1,4-DIMETHYLBENZENE)

Residual Solvents

PASSED

Result



Analyzed by

Residual Solvents



Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	
,1-DICHLOROETHENE	0.8	ppm	8	PASS	
,2-DICHLOROETHANE	0.2	ppm	5	PASS	
P-PROPANOL	50	ppm	500	PASS	

			(PPM)		
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3- DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4- DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2- DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Extraction date

Extracted By

850	0.0216g	08/28/2	0 01:08:17
Analysis Metho	d -SOP.T.40	0.032	
Analytical Batc	h -DA01516	6SOL	Revie
Instrument Use	d : DA-GCM	1S-002	
Batch Date: 08	3/27/20 17:0	9:51	

Weight

Reviewed On - 08/31/20 16:31:02

Reagent	Dilution	Consums. ID	
	1	H2017.077	
		00279984	
		161291-1	

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

State License # CMTL-0002 ISO Accreditation # 97164



08/31/2020

Signature



DAVIE, FL, 33314, USA

Kaycha Labs

GRW 1500 MG FS ORIGINAL

Matrix: Edible



Certificate of Analysis

PASSED

Green Roads

601 Fairway Drive, 601 Fairway Drive Deerfield Beach, Florida, 33441

Telephone: (954) 609-5537 Email: ashley@greenroads.com Sample : DA00826015-001 Harvest/LOT ID: H12W02

Batch#:

BMR0060/GRW0038 Sampled: 08/25/20 Ordered: 08/25/20

Sample Size Received: 34.8 gram Completed: 08/31/20 Expires: 08/31/21 Sample Method: SOP Client Method

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Microbials

PASSED

not present in 1 gram.

not present in 1 gram

< 100 CFU



Mycotoxins

PASSED

Analyte ASPERGILLUS_FLAVUS

ASPERGILLUS FUMIGATUS ASPERGILLUS_NIGER ASPERGILLUS TERREUS ESCHERICHIA_COLI_SHIGELLA_SPP SALMONELLA SPECIFIC GENE TOTAL YEAST AND MOLD

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

Analytical Batch -DA015114MIC , DA015117TYM Batch Date : 08/26/20, 08/26/20 Instrument Used: PathogenDX PCR_Array Scanner DA-111, PathogenDX PCR_DA-010, DA-111 PathogenDx Scanner, DA-089 Mini-amp Thermocycler

Analyzed by	Weight	Extraction date	Extracted By
513, 513	1.0313g	08/26/20	513, 513

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
071020.08	181019-274	50AX30819	A06	2808006
101519.09	SG298A	850C6-850H	2807008	2811017
	11989-024CC-024	19423	2809005	001001
	181207119C	080717	2810014D	001001
	918C4-918J	2802019	029	001001
	914C4-914AK	2803029	2804026	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method onsisting of sample DNA amplified via tandem 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 niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing

Result	Analyte	LOD	Units	Result	Action Level (PPM)
nt in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
	AFLATOXIN G1	0.002	ppm	ND	0.02
nt in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
nt in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
nt in 1 gram.	OCHRATOXIN A+	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065 Analytical Batch -DA014831MYC | Reviewed On - 08/27/20 15:08:29

Instrument Used : DA-LCMS-001_DER (MYC) Batch Date: 08/17/20 10:12:08

Analyzed by	Weight	Extraction date	Extracted By	
585	1g	08/27/20 03:08:44	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.

Ц		h
Ц	Hg	Ц

Heavy Metals

Reagent	Dilution	Consums. ID	
082420.R15	100	89401-566	
082420.R18			
080420.R01			
022520.02			
030420.06			
080120.01			
	082420.R15 082420.R18 080420.R01 022520.02 030420.06	082420.R15 100 082420.R18 080420.R01 022520.02 030420.06	082420.R15 100 89401-566 082420.R18 080420.R01 022520.02 030420.06

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	РРМ	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3
Analyzed by	Weight	Extraction date		Extracted By
53	0.2685g	08/27/20 11:08:45		1783

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

Analytical Batch -DA015133HEA | Reviewed On - 08/31/20 11:29:33

Instrument Used: DA-GCMS-001 Batch Date: 08/26/20 14:17:17

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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Signature