



Sample: DA01119011-013  
Harvest/Lot ID: na  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: na  
Sample Size Received: 15 gram  
Retail Product Size: 15 gram  
Ordered : 11/16/20  
Sampled : 11/16/20  
Completed: 11/23/20 Expires: 11/23/21  
Sampling Method: SOP Client Method

# Certificate of Analysis

Nov 23, 2020 | Green Earth Health

7972 Forest City Road  
Orlando, FL, 32810, US



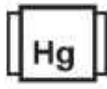
**PASSED**

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PRODUCT IMAGE SAFETY RESULTS



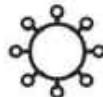
Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC  
**0.015%**



Total CBD  
**0.508%**



Total Cannabinoids  
**0.543%**

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	0.020%	ND	0.508%	ND	ND	0.015%	ND	ND	ND
ND	ND	0.200 mg/g	ND	5.080 mg/g	ND	ND	0.150 mg/g	ND	ND	ND
LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %

**Filtration PASSED**

Analyzed By: 457  
Weight: 1g  
Extraction date: NA  
Extracted By: NA  
Analyte: LOD 0.1  
Filtration and Foreign Material: ND  
Analysis Method -SOP.T.40.013  
Batch Date : 11/19/20 15:03:50  
Analytical Batch -DA019009FIL  
Reviewed On - 11/19/20 15:30:01  
Instrument Used : Filtration/Foreign Material Microscope  
Running On :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SM-20/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by: 450  
Weight: 2.4405g  
Extraction date : 11/19/20 03:11:10  
Extracted By : 1823  
Analysis Method -SOP.T.40.020, SOP.T.30.050  
Reviewed On - 11/20/20 12:35:05  
Batch Date : 11/19/20 09:06:13  
Analytical Batch -DA018980POT  
Instrument Used : DA-LC-001  
Running On : 11/19/20 21:49:35

Reagent	Dilution	Consums. ID
121019.17	400	181019-274
111720.R14		280670723
111720.R02		914CA-914AK
		929C6-929H
		76262-590

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



Signature

11/23/2020

Signed On



# Certificate of Analysis

**PASSED**

Green Earth Health

7972 Forest City Road  
Orlando, FL, 32810, US

Telephone: 7542241242

Email: paul.reid@greeneearthhealth.org

Sample : DA0119011-013

Harvest/LOT ID: na

Batch# : na

Sampled : 11/16/20

Ordered : 11/16/20

Sample Size Received : 15 gram

Completed : 11/23/20 Expires: 11/23/21

Sample Method : SOP Client Method

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**Pesticides**

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ACEPHATE	0.01	ppm	3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRETHRINS	0.05	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPINETORAM	0.02	PPM	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CARBARYL	0.05	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.5	PPM	20	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DIAZANON	0.01	ppm	0.2	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
DIMETHOMORPH	0.02	ppm	3	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	1	ND
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	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					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	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	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					

**Pesticides** PASSED

Analyzed by <b>585 , 795</b>	Weight 0.4803g	Extraction date 11/19/20 05:11:49	Extracted By 585 , 1665
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**Analysis Method** - SOP.T.30.065, SOP.T.40.065, SOP.T.30.065, SOP.T40.070  
**Analytical Batch** - DA019004PES , DA019003VOL Reviewed On- 11/19/20 15:30:01  
**Instrument Used** : DA-LCMS-002\_DER (PES) , DA-GCMS-001  
**Running On** : 11/19/20 18:26:28 , 11/19/20 18:30:33  
**Batch Date** : 11/19/20 11:46:02

Reagent	Dilution	Consums. ID
092320.14	10	287035261 76262-590

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

  
 Signature

11/23/2020  
 Signed On



# Certificate of Analysis

**PASSED**

Green Earth Health

7972 Forest City Road  
Orlando, FL, 32810, US

Telephone: 7542241242

Email: paul.reid@greeneearthhealth.org

Sample : DA01119011-013

Harvest/LOT ID: na

Batch# : na

Sampled : 11/16/20

Ordered : 11/16/20

Sample Size Received : 15 gram

Completed : 11/23/20 Expires: 11/23/21

Sample Method : SOP Client Method

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Residual Solvents
PASSED


Residual Solvents
PASSED

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

Analyzed by 850 Weight 0.0242g Extraction date 11/23/20 03:11:40 Extracted By 850

Analysis Method -SOP.T.40.032  
Analytical Batch -DA019063SOL Reviewed On - 11/23/20 16:35:09  
Instrument Used : DA-GCMS-002  
Running On :  
Batch Date : 11/20/20 16:07:24

Reagent	Dilution	Consums. ID
	1	G201.162 R2017.179

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



Signature

11/23/2020

Signed On



# Certificate of Analysis

**PASSED**

**Green Earth Health**  
7972 Forest City Road  
Orlando, FL, 32810, US  
**Telephone:** 7542241242  
**Email:** paul.reid@greenearthhealth.org

**Sample :** DA01119011-013  
**Harvest/LOT ID:** na  
**Batch# :** na  
**Sample Size Received :** 15 gram  
**Sampled :** 11/16/20  
**Completed :** 11/23/20 **Expires:** 11/23/21  
**Ordered :** 11/16/20  
**Sample Method :** SOP Client Method

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Microbials
PASSED


Mycotoxins
PASSED

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS_NIGER		not present in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS		not present in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	OCHRATOXIN A+	0.002	ppm	ND	0.02
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.					

**Analysis Method** -SOP.T.40.043 / SOP.T.40.044  
**Analytical Batch** -DA019001MIC **Batch Date :** 11/19/20  
**Instrument Used :** PathogenDX PCR\_Array Scanner DA-111  
**Running On :** 11/20/20

**Analysis Method** -SOP.T.30.065, SOP.T.40.065  
**Analytical Batch** -DA019005MYC | **Reviewed On -** 11/23/20 13:56:24  
**Instrument Used :** DA-LCMS-002\_DER (MYC)  
**Running On :** 11/19/20 18:26:04  
**Batch Date :** 11/19/20 11:51:24

Analyzed by	Weight	Extraction date	Extracted By
1794	0.8037g	11/19/20	513

Analyzed by	Weight	Extraction date	Extracted By
585	1g	11/19/20 05:11:11	585

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.

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 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.


Heavy Metals
PASSED

**Dilution**  
100

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3
LEAD	0.05	PPM	<0.250	

Analyzed by	Weight	Extraction date	Extracted By
1022	0.2510g	11/19/20 05:11:14	1879

**Analysis Method** -SOP.T.40.050, SOP.T.30.052  
**Analytical Batch** -DA019007HEA | **Reviewed On -** 11/23/20 08:52:08  
**Instrument Used :** DA-ICPMS-002  
**Running On :** 11/23/20 08:37:20  
**Batch Date :** 11/19/20 11:59:35

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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**Jorge Segredo**  
Lab Director  
State License # CMTL-0002  
ISO Accreditation # 97164

  
Signature

11/23/2020  
Signed On