



Certificate of Analysis

Sample:GA91107001-002
 Harvest/Lot ID: TF-T2-02-SC-19304
 Cultivation Facility: N/A
 Processing Facility : N/A
 Seed to Sale #N/A
 Batch Date :N/A
 Batch#: TF-T2-02-SC-19304
 Sample Size Received: 15 ml
 Retail Product Size: 30 ml
 Ordered : 11/05/19
 Sampled : 11/05/19
 Completed: 03/19/20 Expires: 03/19/21
 Sampling Method: SOP.T.20.010

PASSED

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Mar 19, 2020 | Treadwell Farms, LLC/Florida Hemp Farmers, LLC

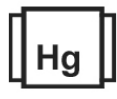
190 Mary Street Umatilla Florida, United States 32784



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 TESTED

MISC.

CANNABINOID RESULTS



Total THC **0.262%**

THC/Container :78.600 mg



Total CBD **3.905%**

CBD/Container :1171.500 mg



Total Cannabinoids **4.478%**

Total Cannabinoids/Container :1343.700 mg

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
0.124 %	ND	0.134 %	0.011 %	ND	0.033 %	0.010 %	ND	3.905 %	0.262 %	ND
1.240 mg/g	ND	1.340 mg/g	0.110 mg/g	ND	0.330 mg/g	0.100 mg/g	ND	39.050 mg/g	2.620 mg/g	ND
LOD 0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.0001 %	0.001 %

Filtration PASSED

Analyzed By: 972
 Weight: NA
 Extraction date: 11/08/19
 LOD(ppm): 972
 Extracted By: 972
 Analysis Method -SOP.T.40.013
 Analytical Batch -GA007825
 Instrument Used : GA-Filtration/Foreign Material Microscope
 Batch Date : 11/08/19 08:48:02
 Reviewed On - 11/08/19 12:44:44

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

Cannabinoid Profile Test

Analyzed by: 508
 Weight: 3.0087g
 Extraction date : 11/11/19 04:11:48
 Extracted By : 650
 Analysis Method -SOP.T.40.020, SOP.T.30.050
 Analytical Batch -GA007866
 Instrument Used : GA-HPLC 2030C Plus
 Reviewed On - 11/12/19 15:32:58
 Batch Date : 11/11/19 09:00:00

Reagent	Dilution	Consums. ID
111119.R04 110819.11	40	280630187 929cc-929d 00267301 / 00268913 / 00273299 NA 18/07/25

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).

Label Claim

Analyte	LOD	Units	Result
SERVINGS	1	servings	1.000
THC/SERVING	1	mg	78.600
CBD/SERVING	1	mg	1171.500
CBN/CONTAINER	0.1	mg	3.000
CBG/CONTAINER	1	mg	40.200

Water Activity NOT TESTED

Analyte: WATER ACTIVITY
 Analyzed by: 972
 Weight: NA
 Ext. date: 11/08/19
 LOD(ppm): 0.1
 Result: ND
 Analysis Method -Water Activity SOP.T.40.010
 Analytical Batch -
 Instrument Used :
 Batch Date :

Moisture NOT TESTED

Analyte: MOISTURE CONTENT
 Analyzed by: 972
 Weight: NA
 Ext. date: 11/08/19
 LOD(ppm): 1
 Result: ND
 Analysis Method -Moisture Analysis SOP.T.40.011
 Analytical Batch -
 Instrument Used :
 Batch Date :

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Jeremy Campbell
 Lab Director

State License # n/a
 ISO Accreditation # 97164



Signature

N/A

Signed On



Certificate of Analysis

PASSED

Treadwell Farms, LLC/Florida Hemp Farmers, LLC

190 Mary Street Umatilla
Florida, United States 32784

Telephone: (352) 409-0952

Email: jammietreadwell@treadwellfarms.com

Sample : GA91107001-002

Harvest/LOT ID: TF-T2-02-SC-19304

Batch# : TF-T2-02-SC-19304

Sampled : 11/05/19

Ordered : 11/05/19

Sample Size Received : 15 ml

Completed : 03/19/20 **Expires:** 03/19/21

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD	Units	Result (%)	Terpenes	LOD	Units	Result (%)
ALPHA-CEDRENE	0.007	%	ND	EUCALYPTOL	0.007	%	ND
ALPHA-HUMULENE	0.007	%	ND	ISOBORNEOL	0.007	%	ND
ALPHA-PINENE	0.007	%	ND	HEXAHYDROTHYMOL	0.007	%	ND
ALPHA-TERPINENE	0.007	%	ND	FENCHYL ALCOHOL	0.007	%	ND
BETA-MYRCENE	0.007	%	0.184	3-CARENE	0.007	%	ND
BETA-PINENE	0.007	%	ND	CIS-NEROLIDOL	0.007	%	ND
BORNEOL	0.013	%	ND	ISOPULEGOL	0.007	%	ND
CAMPHENE	0.007	%	ND				
CAMPHOR	0.013	%	ND				
CARYOPHYLLENE OXIDE	0.007	%	ND				
CEDROL	0.007	%	ND				
ALPHA-BISABOLOL	0.007	%	ND				
SABINENE	0.007	%	ND				
SABINENE HYDRATE	0.007	%	ND				
TERPINEOL	0.007	%	ND				
TERPINOLENE	0.007	%	ND				
BETA-CARYOPHYLLENE	0.007	ppm	ND				
TRANS-NEROLIDOL	0.007	%	ND				
VALENCENE	0.007	%	ND				
PULEGONE	0.007	%	ND				
ALPHA-PHELLANDRENE	0.007	%	ND				
OCIMENE	0.007	%	0.021				
NEROL	0.007	%	ND				
LINALOOL	0.007	%	ND				
LIMONENE	0.007	%	0.314				
GUAJOL	0.007	%	ND				
GERANYL ACETATE	0.007	%	ND				
GERANIOL	0.007	%	ND				
GAMMA-TERPINENE	0.007	%	0.059				
FENCHONE	0.007	%	ND				
FARNESENE	0.007	%	ND				
Total			0.579				



Terpenes

TESTED

Analyzed by 508 **Weight** 0.9985g **Extraction date** 11/08/19 11:11:53 **Extracted By** 935

Analysis Method -SOP.T.40.090

Analytical Batch -GA007841

Reviewed On - 11/12/19 08:59:13

Instrument Used : GA-GCMS-QP2010S

Batch Date : 11/08/19 11:56:29

Reagent Dilution Consums. ID

110619.R01 10 9701455002
1
00267301 / 00268913 / 00273299
P7344091 / P7312914

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