



Certificate of Analysis

Sample:GA91107001-003
Harvest/Lot ID: TF-T1-01-SC-19305
Cultivation Facility: N/A
Processing Facility: N/A
Seed to Sale #N/A
Batch Date :N/A
Batch#: TF-T1-01-SC-19305
Sample Size Received: 15 ml
Retail Product Size: 30 ml
Ordered : 11/05/19
Sampled : 11/05/19
Completed: 03/20/20 Expires: 03/20/21
Sampling Method: SOP.T.20.010

PASSED

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Mar 20, 2020 | Treadwell Farms, LLC/Florida Hemp Farmers, LLC

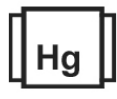
190 Mary Street Umatilla
Florida, United States 32784



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
0.191%

THC/Container :57.383 mg



Total CBD
3.996%

CBD/Container :1199.070 mg



Total Cannabinoids
4.796%

Total Cannabinoids/Container :1438.800 mg

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
0.408 %	0.015 %	0.101 %	ND	ND	0.019 %	ND	0.513 %	3.547 %	0.179 %	0.014 %
4.080 mg/g	0.150 mg/g	1.010 mg/g	ND	ND	0.190 mg/g	ND	5.130 mg/g	35.470 mg/g	1.790 mg/g	0.140 mg/g
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 Batch Date : 11/08/19 08:48:02
Analytical Batch -GA007825 Reviewed On - 11/08/19 12:44:47

Instrument Used : GA-Filtration/Foreign Material Microscope

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 used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
508	3.0737g	11/11/19 04:11:52	650
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 11/12/19 15:32:48	
Analytical Batch -GA007866		Instrument Used : GA-HPLC 2030C Plus 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).

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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 : GA91107001-003

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Batch# : TF-T1-01-SC-19305

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

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	%	0.039	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	%	ND	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	%	0.053				
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	%	ND				
NEROL	0.007	%	ND				
LINALOOL	0.007	%	ND				
LIMONENE	0.007	%	ND				
GUAIOL	0.007	%	ND				
GERANYL ACETATE	0.007	%	ND				
GERANIOL	0.007	%	ND				
GAMMA-TERPINENE	0.007	%	ND				
FENCHONE	0.007	%	ND				
FARNESENE	0.007	%	ND				



Terpenes

TESTED

Analyzed by 508	Weight 0.9973g	Extraction date 11/08/19 11:11:55	Extracted By 935
Analysis Method -SOP.T.40.090		Reviewed On - 11/12/19 08:59:53	
Analytical Batch -GA007841		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.

Total 0.093

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Jeremy Campbell
Lab Director



N/A

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