kaycha LABS

2444 NE 1st Blvd Suite 700

Kaycha Labs

Treadwell Farms Tincture 2.0
N/A
Matrix: Derivative

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

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

190 Mary Street Umatilla
Florida, United States 32784

PASSED

PRODUCT IMAGE **SAFETY RESULTS** **MISC.**

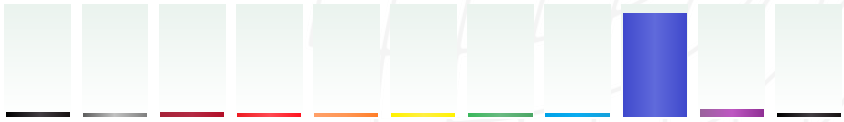
Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Terpenes
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	TESTED

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 %

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
508	3.0087g	11/11/19 04:11:48	650

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 11/12/19 15:32:58
Analytical Batch -GA007866 **Instrument Used :** GA-HPLC 2030C Plus **Batch Date :** 11/11/19 09:00:00

Reagent	Dilution	Consums. ID
111119.R04	40	280630187
110819.11		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

Filth — PASSED

Analyzed By	Weight	Extraction date	LOD(ppm)	Extracted By
972	NA	11/08/19		972

Analysis Method -SOP.T.40.013 **Batch Date :** 11/08/19 08:48:02
Analytical Batch -GA007825 **Reviewed On -** 11/08/19 12:44:44
Instrument Used : GA-Filth/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 use for inspection.

Water Activity — NOT TESTED

Analyte	Analyzed by	Weight	Ext. date	LOD(ppm)	Result
WATER ACTIVITY				0.1	ND

Analysis Method -Water Activity SOP.T.40.010 **Batch Date :**
Analytical Batch -
Instrument Used :

Moisture — NOT TESTED

Analyte	Analyzed by	Weight	Ext. date	LOD(ppm)	Result
MOISTURE CONTENT				1	ND

Analysis Method -Moisture Analysis SOP.T.40.011 **Batch Date :**
Analytical Batch -
Instrument Used :

Jeremy Campbell
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

N/A

Signed On

2444 NE 1st Blvd Suite 700

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Treadwell Farms Tincture 2.0
N/A
Matrix : Derivative

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

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				
GUAIOL	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	Weight	Extraction date	Extracted By
508	0.9985g	11/08/19 11:11:53	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.

Jeremy Campbell
Lab Director
State License # n/a
ISO Accreditation # 97164

Signature

N/A
Signed On