

Arkansas Location

Per Unit

(mg)

1004

13.3

42.1 3.22

16.5

1079

Laboratory Address: 232 S. Broadview St. Greenbrier, AR 72058 Telephone: (501) 679-2616

Oklahoma Location

Laboratory Address: 3680 E. Interstate 240 Service Rd.
Oklahoma City, OK 73135
Telephone: (405) 595-0344

Email Address: Info@FASTLaboratories.com

CERTIFICATE OF ANALYSIS

Project: CBD C

Result

(%)

3.35

<RL

<RL

<RL

<RL

0.140

0.0107

0.0549

7.25

<RL

0.0444

Order ID: 2019000419

Cultivar (Strain): FS Tropical

(Black)

Analyst: KWF

Cannabinoid

CBD

CBDa

CBDv

Δ9-ΤΗС

Δ8-ΤΗС

THCa

CBC

CBG

CBGa

CBN

TOTAL

TOTAL THC

TOTAL CBD

Sample Date: 02/21/2019

Customer ID: 54755766

Customer Name: CBD Plus USA

Lab ID: 2019001696

Reporting Limit

(mg/mL)

0.05

0.05

0.05

0.05

0.05

0.05

0.05

0.05

0.05

0.05

Date Received: 02/21/2019

Harvest/Extract Lot:

Trofs1000021819

Sample Matrix: Oil/Tincture Date Completed: 02/21/2019

Remarks:

Analysis Date/Time: 02-21-2019 1205 Method: HPLC/UV

Result

(mg/mL)

33.5

<RL

<RL

<RL

<RL

1.40

0.107

0.549

36.0

<RL

0.444

Instrument: Agilent 1100

Moisture Content (%): -

Water Activity (aw): - at - °C



UNIT VOLUME (mL): 30.0

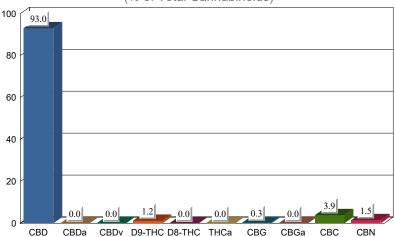
 0.0444
 0.444
 13.3

 3.35
 33.5
 1004

Deviations from standard operating procedure: None

Cannabinoid Distribution

(% of Total Cannabinoids)



Recoveries for all analyte standards: 90-110% Replicate Uncertainties: <5% RSD, <20% RPD Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total THC = (THCa x 0.877) + Δ 9-THC Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass. mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD -Relative Percent Difference, RSD - Relative Standard Deviation

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The statements and results herein have not been approved and/or endorsed by the FDA.





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CERTIFICATE OF ANALYSIS

Project: CBD **Customer ID:** 54755766

Customer Name: CBD Plus USA

Harvest/Extract Lot: Trofs1000021819

Cultivar (Strain): FS Tropical

Lab ID: 2019001696

Sample Matrix: Oil/Tincture

(Black) Sample Date: 02/21/2019

Order ID: 2019000419

Date Received: 02/21/2019

Date Completed: 02/21/2019

TERPENOID PROFILE

Analysis Date/Time: 02-21-2019 1153 Method: HS/GC/MS (Internal Method-002) **Deviations from SOP:**

Analyst: KWF

Instrument: Agilent 7890/5975

None

Terpene	Result	Result	
	(µg/g)	(%, total terpenes)	
α-Bisabolol	-	-	
Camphene	-	-	
δ-3-Carene	-	-	Ally Tropical
β-Caryophyllene	-	-	Full Spectrum
Caryophyllene oxide	-	-	lineture
p-Cymene	-	-	4th 3110 + dy
Eucalyptol	-	-	such tabel
Geraniol	-	-	
Guaiol	-	-	Terpenoid Distribution
α-Humulene	-	-	(% of Total Terpenes)
Isopulegol	-	- 60	51.2
d-Limonene	193	42.7 50	42.7
Linalool	-	- 40	42.1
β-Myrcene	-	-	
cis-Nerolidol	-	- 30	
trans-Nerolidol	-	- 20	
α-Ocimene	-	- 10	60
β-Ocimene	-	<u>-</u>	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
α-Pinene	-	- 0	sabolol paphene Carene Carene Carene de de syllene de de syllene alyptol eraniol Cuaiol nulegol noneme recitiol cimene pinene
β-Pinene	27.2	6.04	α-Bisabolol Camphene δ-3-Carene β-Caryophyllene oxide p-Cymene Eucalyptol Geraniol Geraniol α-Humulene Linalool β-Myreene cis-Nerolidol α-Ocimene β-Ocimene β-Ocimene α-Pinene α-Pinene α-Pinene σ-Pinene σ-Pinene σ-Pinene
α-Terpinene	-	-	Caryc Caryc Caryc Caryc Garyc
γ-Terpinene	-	-	g
Terpinolene	231	51.2	
TOTAL	451	100	Reporting Limit (µg/g) 12

Abbreviations: HS - Headspace, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

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"-" not detected above reporting limit

