

CERTIFICATE OF ANALYSIS

Project: Medical Cannabis
Order ID: 2019000638

Customer ID: 54755766
Customer Name: CBD Plus USA

Harvest/Extract Lot:
Harvest/Extract Date:

Cultivar (Strain): BS Tropical
(2500mg)
Sample Date: 03/08/2019

Lab ID: 2019002238
Date Received: 03/08/2019

Sample Matrix: Oil/Tincture
Date Completed: 03/11/2019

Remarks:

Analysis Date/Time: 03-08-2019 1627
Analyst: KWF

Method: HPLC/UV
Instrument: Agilent 1100

Moisture Content (%): -
Water Activity (aw): - at - °C

<u>Cannabinoid</u>	<u>Result</u> <u>(%)</u>	<u>Result</u> <u>(mg/mL)</u>	<u>Reporting Limit</u> <u>(mg/mL)</u>	<u>Per Unit</u> <u>(mg)</u>
CBD	8.28	82.8	0.05	2484
CBDa	<RL	<RL	0.05	-
CBDv	0.0543	0.543	0.05	16.3
Δ9-THC	<RL	<RL	0.05	-
Δ8-THC	<RL	<RL	0.05	-
THCa	<RL	<RL	0.05	-
CBC	0.227	2.27	0.05	68.1
CBG	0.0804	0.804	0.05	24.1
CBGa	<RL	<RL	0.05	-
CBN	0.0911	0.911	0.05	27.3
TOTAL	8.73	87.3		2620
TOTAL THC	<RL	<RL		-
TOTAL CBD	8.28	82.8		2484

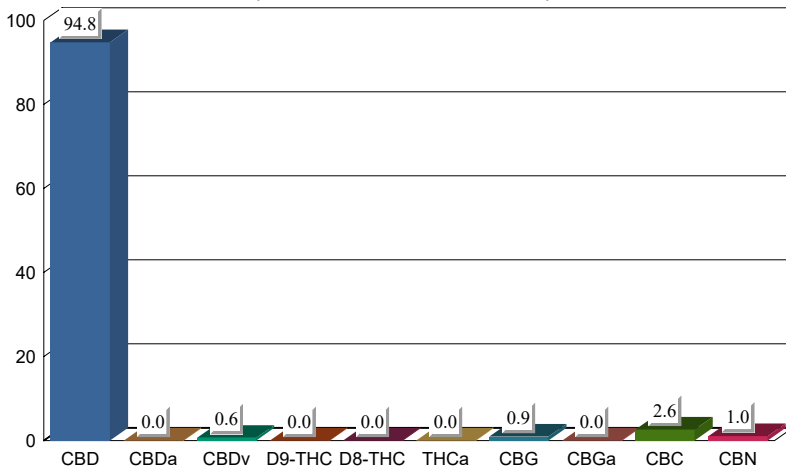


UNIT VOLUME (mL): 30.0

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) + Δ9-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

This information is provided as a service and makes no claims of efficacy and/or safety of this product.

Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.

This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC

Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director