

**CERTIFICATE OF ANALYSIS**

Order Type: CBD

Customer ID: 32

Harvest/Extract Lot: TR  
F52500032219

Order ID: OR2019-822

Customer Name: CBD Plus USA

Harvest/Extract Batch: GP2121357  
3.22.19

Cultivar (Strain): 2500mg FS Tropical  
Sample Date: 03/22/2019

Lab ID: SA2019-2897  
Date Received: 03/27/2019

Sample Matrix: Oil/Tincture  
Date Completed: 03/28/2019

**Remarks:**

**CANNABINOID (POTENCY) PROFILE**

Analysis Date/Time: 03/27/2019 1806  
Analyst: OL

Method: HPLC/DAD (Internal Method-001)  
Instrument: Agilent 1100

Moisture Content (%): -  
Water Activity (aw): -

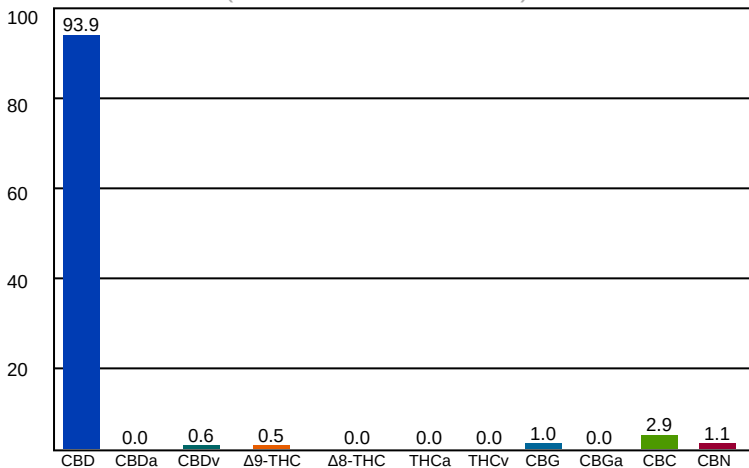
Cannabinoid	Result (%)	Result (mg/mL)	Reporting Limit (mg/mL)	Per Unit (mg)
CBD	8.21	82.1	0.0025	2463
CBDa	-	-	0.0025	-
CBDv	0.0486	0.486	0.0025	15
Δ9-THC	0.048	0.48	0.0025	14
Δ8-THC	-	-	0.0025	-
THCa	-	-	0.0025	-
THCv	-	-	0.0025	-
CBC	0.254	2.54	0.0025	76
CBG	0.0914	0.914	0.0025	27
CBGa	-	-	0.0025	-
CBN	0.0942	0.942	0.0025	28
<b>TOTAL</b>	<b>8.75</b>	<b>87.5</b>		<b>2624</b>
<b>TOTAL THC</b>	<b>0.048</b>	<b>0.48</b>		<b>14</b>
<b>TOTAL CBD</b>	<b>8.21</b>	<b>82.1</b>		<b>2463</b>



UNIT VOLUME (mL): 30

"-" Not detected above RL.

**Cannabinoid Distribution**  
(% of Total Cannabinoids)



Deviations from standard operating procedure: None

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 reported by the LABORATORY ANALYSIS

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