

**CERTIFICATE OF ANALYSIS**

**Project:** CBD      **Customer ID:** 54755766      **Harvest/Extract Lot:** GP2121  
**Order ID:** 2019000636      **Customer Name:** CBD Plus USA      **Harvest/Extract Date:** 03/07/2019  
**Cultivar (Strain):** BS Tropical      **Lab ID:** 2019002267      **Sample Matrix:** Oil/Tincture  
(500mg)      **Date Received:** 03/08/2019      **Date Completed:** 03/11/2019  
**Sample Date:** 03/08/2019      **Remarks:**

**Analysis Date/Time:** 03-11-2019 1213      **Method:** HPLC/UV      **Moisture Content (%):** -  
**Analyst:** KWF      **Instrument:** Agilent 1100      **Water Activity (aw):** - at - °C

<u>Cannabinoid</u>	<u>Result</u> (%)	<u>Result</u> (mg/mL)	<u>Reporting Limit</u> (mg/mL)	<u>Per Unit</u> (mg)
CBD	1.81	18.1	0.05	542
CBDa	<RL	<RL	0.05	-
CBDv	0.0139	0.139	0.05	4.17
Δ9-THC	<RL	<RL	0.05	-
Δ8-THC	<RL	<RL	0.05	-
THCa	<RL	<RL	0.05	-
CBC	0.0504	0.504	0.05	15.1
CBG	0.0158	0.158	0.05	4.73
CBGa	<RL	<RL	0.05	-
CBN	0.0261	0.261	0.05	7.83
<b>TOTAL</b>	1.91	19.1		574



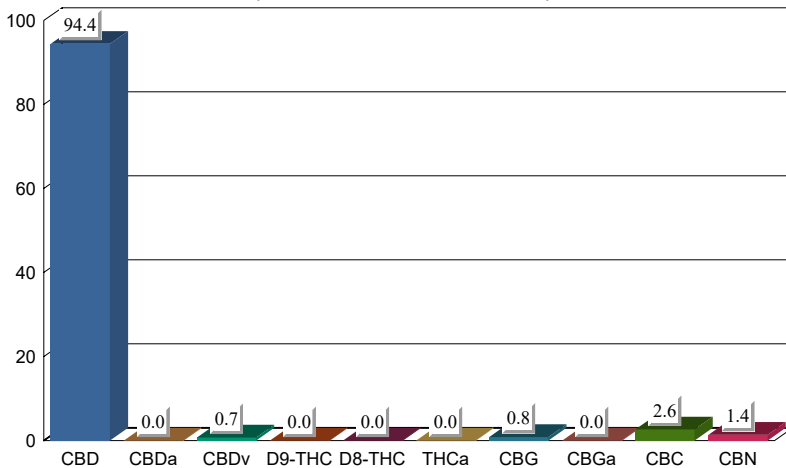
**UNIT VOLUME (mL):** 30.0

**TOTAL THC** <RL <RL -  
**TOTAL CBD** 1.81 18.1 542

*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**

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